



trupanion®

2015 ANNUAL REPORT

2015

TO OUR SHAREHOLDERS

I am pleased to report that 2015 went as planned. It was a good year and one that I am proud of. More importantly, we are well on our way to meeting the commitments outlined in my first shareholder letter from last year. (I wrote this year's letter with the expectation that you have previously read my introductory public shareholder letter, which described how we operate and think about our business. If you have not previously had an opportunity to review it or if you would like a refresher, you will find it attached).

2015 ended with more Territory Partners out in the field, calling on the largest number of active hospitals in our history. We have more pets enrolled, and they are loyal — staying with us longer than ever. The number of Trupanion Express™ hospitals grew from 89 at our initial public offering in July 2014 to over 500 at the end of 2015. Most importantly, we helped more pet owners and their beloved pets receive the best veterinary care.

From my perspective, Trupanion continues to lead the creation of this new category of “medical insurance for cats and dogs” in North America. We are not “pet insurance,” we are different. To be blunt, we agree with pet owners and veterinarians that the traditional “pet insurance” is broken.

Trupanion stands apart as Medical Insurance for Cat and Dogs. As a reminder, we have no caps or limits, cover all congenital and hereditary conditions, and never penalize pet owners making a claim or for their pets having a birthday. While our policies are lifelong, they can be canceled any month only by the pet owner (unless fraud is involved). Our rates within a sub category go up or down to maintain our target of spending 70 cents of every dollar collected to pay veterinary invoices. These sub category prices go up and down constantly for new pets and are trued up for existing pets on the anniversary of their enrollment. Examples of subcategories include: cat, dog, age at enrollment, local cost of veterinary care, and deductible amount if a member chooses to have one.

We remain on target to achieve operational scale per the timeline described in our 2014 shareholder letter. As a reminder, we define scale as 650,000 to 750,000 pets, 5% fixed expenses,¹ and a 15% adjusted operating margin.² At scale, we anticipate this operating income will drive continued growth, funding new pet acquisitions and providing for our future capital requirements.

I remain committed to updating you on our progress toward our goals every year. Now, let's move on to our 2015 results.

2015 Financial Performance

This is how we think about our financial performance in 2015.³ Our total revenue was \$147.0 million. We spent \$103.1 million paying our members' veterinary invoices and an additional \$18.4 million in variable expenses⁴ supporting our members, leaving us with gross profit of \$25.5 million.⁵ Our fixed expenses were an additional \$21.9 million, leaving us with \$3.6 million in adjusted operating income. We chose to invest \$14.8 million to add new pets during the year. Subtracting this acquisition cost investment from our \$3.6 million adjusted operating income yielded an adjusted EBITDA loss of \$11 million.⁶

Table 1 shows the progress of our key growth factors and cash balance minus debt.

TABLE 1. KEY GROWTH FACTORS

Year	Total Enrolled Pets	Total Revenue	YoY Revenue Growth	Adjusted Operating Income	Adjusted Operating Income Margin	Invested Capital for Acquiring New Pets (Acquisition Cost)	Cash and Short Term Investments, Minus Debt
2012	125,387	\$55.5M	50%	\$3.0M	5.4%	\$6.7M	\$5.1M
2013	182,497	\$83.8M	51%	\$4.3M	5.1%	\$8.4M	\$7.9M
2014	232,450	\$115.9M	38%	\$0.9M	0.8%	\$11.1M	\$60.6M
2015	291,818	\$147.0M	27%	\$3.6M	2.4%	\$14.8M	\$43.2M

As we continue to grow this category, we are most focused on increasing scale in our adjusted operating income while maintaining a high LVP:PAC ratio, which we target at 5:1. At this stage in our development, we believe these metrics are our best proxy to track changes in shareholder value creation. Over time, I expect we will transition from the LVP:PAC ratio to more of an IRR analysis as our fixed expenses and adjusted operating income begin to benefit from scale.⁷

Adjusted Operating Income

In the second half of 2015, we made significant progress toward our long-term adjusted operating margin target of 15%. Previously, we labeled our adjusted operating margin as our “discretionary margin,” which was our non-GAAP term that describes the operating income from our existing members before any costs to acquire new pets. In 2014, this margin was less than 1%, due in large part to our significant investments in Trupanion Express™. As we moved beyond the development phase of Trupanion Express™ in the second half of 2015, we began to make

progress toward achieving scale in our adjusted operating margin. For the full year of 2015 it grew to 2.4%, but in Q3 and Q4 specifically, it trended up to 2.2% and 5.6% respectively.

We expect to achieve our stated goal of a 15% adjusted operating margin once we reach operational scale at 650,000 to 750,000 total enrolled pets. At operational scale, we expect our “COGS” and variable expenses to comprise 70% and 10% of total revenue respectively (their historic averages) and our fixed expenses to comprise 5% of total revenue, significantly

below today's level. Reducing our fixed expenses is our biggest opportunity to expand our adjusted operating margin from current levels.

In 2015, we spent \$22 million, or 15% of revenues, on our fixed expenses. This is a far cry from our target of 5%. Our fixed expenses break down into three buckets:



\$13 million spend in G&A;



\$5 million spend in our core technology; and



\$4 million (\$7M total, \$3M capitalized) investment to complete the development of Trupanion Express™.

The recurring portion of these expenses (excluding the development of Trupanion Express™) was \$18 million.

Moving forward, our strategy is to grow fixed expenses modestly — approximating 5% annually. We believe this will be an appropriate level of investment to maintain our category leadership, which is our primary priority. The math works this way: after 5 years of annual 5% increases, the fixed expenses would grow from \$18 million to \$23 million. During the same time, our top line revenue is expected to grow at a much faster rate. If after 5 years our revenue reaches \$460 million and our fixed expenses are \$23 million, then we would meet our target. While it's clear what we need to do to achieve a 15% operating margin goal, it will require scale, commitment, and discipline to execute.

We expect our adjusted operating income to organically fund our annual revenue growth in the range of 20% to 30%. It will not be enough to fund our growth in the range of 40% to 50% at our target 5:1 LVP:PAC ratio. This higher growth rate would require us to raise more capital, which would be dilutive and therefore, we believe, counterproductive to value creation. Hence, we intend to deliberately grow at 20% to 30% per year. The limiting factors for larger growth are the time to become cash flow positive on the addition of a new pet and the fact that as we add revenue, we need to set aside cash for surplus capital.

Value Creation

Monitoring our dilution levels is another key area of focus for me. Our IPO in July of 2014 was intended to generate enough cash to fund us to the point of being cash flow positive, and we remain on course to deliver on this goal in the second or third quarter of 2016. My crystal ball tells me that it's going to be tight in the second quarter, but the third quarter should be doable. Regardless of which quarter in 2016 we become cash flow positive, we should not need to further dilute the value of our shareholders' positions with another equity raise unless the world changes dramatically from what we're seeing now or a compelling new opportunity presents itself. Each member of our team, full-time and part-time, receives stock options in Trupanion. Team participation in our equity program is another key priority of ours, aligning us all in our objective to maximize future value creation with limited dilution. If the stock options issued under this program are exercised, the company receives the cash from the strike price. If options are not exercised, the dilution is less.

Table 2 highlights our historic financial performance on a per-share basis. As you can see, our revenue per share has grown year over year, while our adjusted operating income has jumped around, due primarily to our expenditures on Trupanion Express™.

TABLE 2. HISTORIC FINANCIAL PERFORMANCE

Year	Total Share Count (including options and outstanding shares with warrants and granted options)	Revenue Per Share	YoY Growth	Adjusted Operating Income Per Share	YoY Growth
2012	22,467,205	\$2.47	53%	\$0.13	-7%
2013	25,611,542	\$3.27	32%	\$0.17	31%
2014	34,406,121	\$3.37	3%	\$0.03	-82%
2015	34,610,521	\$4.25	26%	\$0.10	233%

2015 Operational Performance

We have now completed the development phase of Trupanion Express™, our software technology designed to eliminate the traditional “reimbursement model” by enabling us to pay more veterinary invoices directly to treating veterinarians. Why is this important? For pet owners, their 90% coverage through Trupanion is paid directly to the veterinarian at the time of invoice, dramatically reducing out-of-pocket costs. For veterinarians, Trupanion enables them to move forward with “Plan A” care for any sick or injured pet while growing their top and bottom lines. More Trupanion Express™ hospitals lead to happier veterinarians and happier pet owners.

In total, we spent over \$17 million developing this technology, spending \$7 million on it in 2015 alone. These costs, net of amounts capitalized, are reflected in the technology portion of our fixed expenses.

We have now moved into the deployment phase of Trupanion Express™. Going forward, we anticipate continued maintenance and

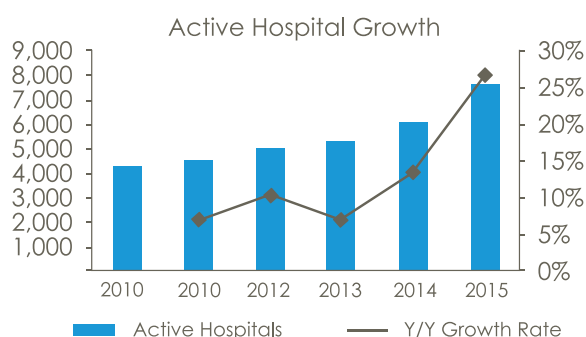
implementation costs, but on a much smaller scale. Our rollout of the system is ahead of our original deployment plan. We ended 2015 with Trupanion Express™ installed in over 500 veterinary hospitals — 150 more than our initial projections. In the last six months of 2015, we paid over 25% of veterinary invoice dollars directly to veterinarians. I am very proud of this achievement.

I am also very proud of our achievements related to our Territory Partner training and support programs in 2015. We are continually improving in this important part of the business. We ended the year with 84 Territory Partners, which was one short of our target for the year. In 2015, our Territory Partners made over 86,000 face-to-face visits with veterinarians and their staffs in over 19,500 veterinary hospitals throughout North America. As a result, we increased our active hospital⁸ count in 2015 to 7,660 — a 26% increase from 2014.

As the acceleration of our active hospital base shows, our Territory Partners are becoming increasingly effective. This growth is even more significant, considering that the vast majority of our Territory Partners operate in relatively “new territories” where they have been building relationships for fewer than 3 years. A typical territory or market has approximately 2 million humans, 1 million cats and dogs, and 250 veterinary hospitals.

In our more established markets (over 5 years), approximately 50% of hospitals are active. Considering the quality of our field representatives today, I am confident that our less established Territory Partners will be increasingly successful as we continue to give them resources and support. Here is another way to think about it – if all of the 19,500 veterinary hospitals that we currently visit were in more established markets, we would expect to have close to 10,000 active hospitals. That is consistent with our current active hospital growth rate, as shown in Figure 1.

Figure 1.



Opportunities for Improvement

2015 was a good year, but it was far from perfect. We made some mistakes and in hindsight, we should have done a few things differently.

The first area for improvement is the onboarding of new colleagues. While we are excited about the new additions to our team in 2015, we could have done a better job training them. Our company is unique, and it takes time to understand what we do. We can serve our new colleagues better if we spend more time upfront educating them on our business as a whole. In 2016, we will leverage the Tru-University program that we developed for our Territory Partners and extend it to our new and existing team members. I am confident this effort will more than pay for itself over time.

The second area of concern is our lack of execution educating pet owners about the benefits of Trupanion’s approach and our value proposition compared to our competition. We know we have the highest value proposition in the industry, but I’m not sure how effectively this message is communicated to pet owners (unless perhaps they talk to a veterinarian at one of our active hospitals). I expected greater progress on this front in 2015, and it will be an area of increased focus in our 2016 marketing efforts.

The third area I would like to focus on improving this year is related to our LVP:PAC ratio in each of our pricing sub-categories. Overall we have been close to hitting our 5:1 LVP:PAC target, but within some of our sub-categories we have not been as accurate or focused on hitting this target ratio. There are some categories in which we are simply mispriced, while in other categories we haven’t been as accurate in managing our acquisition spend in relation to the lifetime value of those

pets. Said another way, categories with a higher lifetime value allow for higher acquisition spend, while categories with a lower lifetime value should reflect the same discipline. In 2016 we will spend more energy improving our accuracy in this area.

The fourth area that could improve is our fixed expenses. I take full responsibility for not being more aggressive in this area. If a do-over were possible, we would have targeted a lower spend in our fixed expenses in 2015. Our 2016 budgets reflect these learnings.

Growth Strategy

Turning to our strategy, our goal is to deliver consistent, long-term growth.

The North American market penetration remains low, so the opportunity for growth is, and will remain, huge. We have been grabbing 40% of revenue growth in North America and are poised to maintain category leadership in

the future. Our central team of data experts drive business decisions by consistently analyzing our proprietary data and extracting insights to drive efficiencies. They optimize pricing to provide ultimate value to pet owners, maintaining our commitment to pay out 70% of the revenue we receive to the average pet owner within a sub category. Sub category specific pricing ensures that all of our members receive the same value proposition regardless of whether they pay \$20 or \$200 per month.

In the coming year we will focus on adding more active hospitals and then increasing same-store sales in those hospitals. In addition, we will reinvest our efforts to build brand equity and increase conversion rates and leads, while remaining disciplined to our LVP:PAC ratio. This is the same strategy we have consistently pursued for 8 years in the United States and for 16 years in Canada.

Figure 2 shows our revenue by cohort year, which illustrates the impact of member

Figure 2.

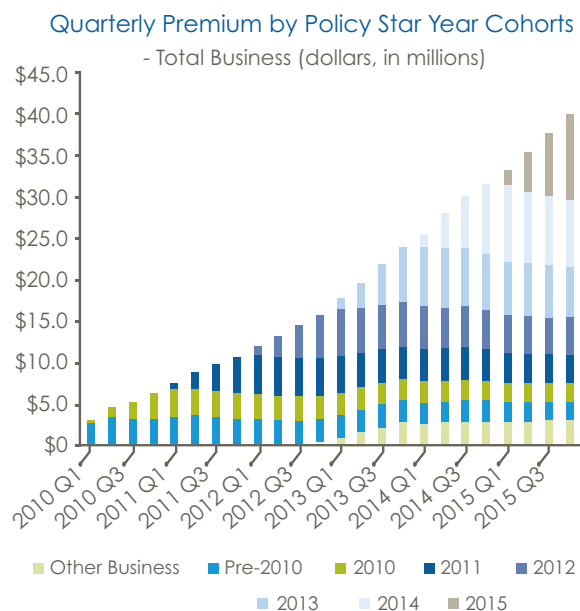
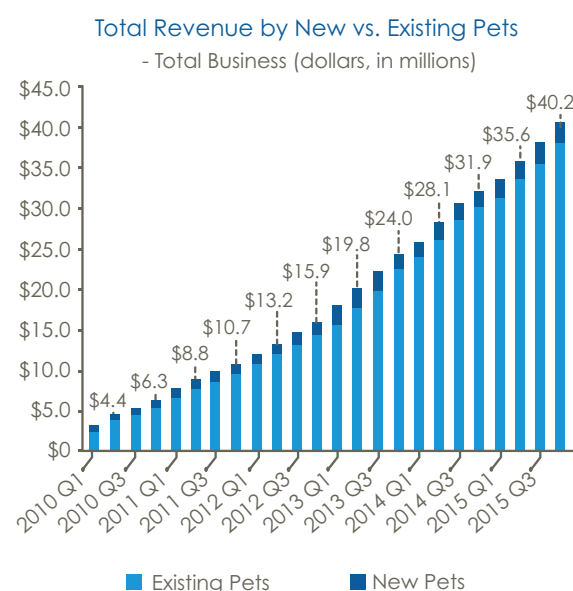


Figure 3.



satisfaction and retention on our revenues year over year.

By continuing to relentlessly execute on this strategy, we are confident that we will have continued growth for decades. Figure 3 shows our total revenue growth by new versus existing pets since 2010.

It's also important for us to know whether our members are becoming more loyal over time. Figure 4 shows our retention by cohort year, which suggests to me that our efforts to continually increase our value proposition are working, as our members are becoming increasingly loyal over time. If this trend continues and we keep improving in our execution, it bodes very well for our business. In particular, our loyal members are prone to enroll more pets and encourage their friends and family members to do the same.

The equivalent of obtaining the Holy Grail, or nirvana, for a monthly recurring subscription business is to have the existing member referrals equal or exceed the number of members who cancel. In Trupanion's case, our subscription business has averaged a 98.5% monthly retention rate over the last 5 years. Over the last 2 years, this monthly average

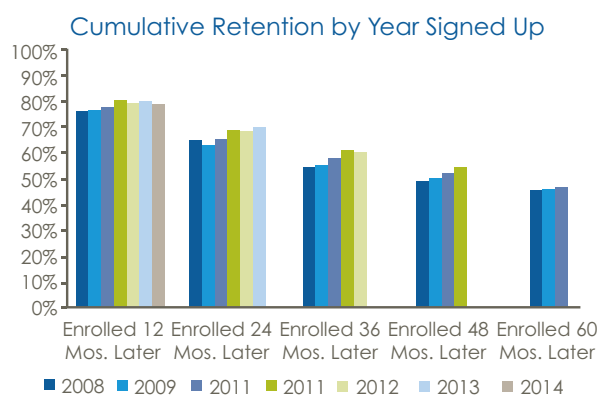
has crept as high as 98.7%, leaving us with a 1.3% churn rate each month. If the proverbial "hole in our boat" is 1.3% of pets cancelling or passing away each month, it would be exceptional if 1.3% of our new pets organically subscribe to our service through existing members adding a new pet or friend referrals.

The better our value proposition and customer experience becomes the more we expect to see our loyalty additions grow. Over the last few years, we have seen this combination rise to 0.7% of our total subscription pets each month. We are getting close to the 1.3% "nirvana" mark, but we still have a 0.6% gap versus our long-term target. However, that is not the whole story...

Trupanion saw an average revenue per pet (our version of ARPU) growth in same currency of 6% in the US and Canada over the last 5 years. Assuming 6% as a proxy for the average annual increase, the monthly impact is about 0.5% ($6\% \div 12 = 0.5\%$). This means that on a monthly basis, I believe we are about 0.1% away from a state of revenue neutrality, whereby pets who are added to our book of business (with little to no cost to acquire them) combined with consistently increasing ARPU from our new pets and/or existing pets almost equals the revenue lost from pets who cancel or pass away.⁹

When I have mentioned this fact to some people before, they have responded by asking, "How is that possible?" Let me explain: Our pet acquisition cost (PAC) is our total net acquisition cost for a period of time divided by the number of newly enrolled pets. Our PAC has virtually zero expenses associated with servicing or maintaining our existing members. All expenses for servicing our existing members are intended to be captured in our variable expenses, which includes our Territory Partners' residual commissions. As a result, if we wanted to operate the business on a revenue-neutral basis to gain leverage in our bottom line, we anticipate that the theoretical

Figure 4.



PAC costs would be the relatively small expenses associated with conversion costs of adding the 0.7% new pets per month, offset by our new member sign-up fees.

If some day our monthly churn equals the percentage of pets added by existing members plus member referrals, we could be in a position to grow our company at virtually zero cost, if we so choose. More specifically, we could cut our PAC costs to include only conversion costs (which would be largely offset by sign-up fees), and our revenue and cash flow would still grow at the rate of price increases. As discussed above, annual price increases are currently 6%, with no signs of slowing down.

Looking Ahead

As the CEO of Trupanion, it is my responsibility to create wealth for our shareholders while solving a large problem for our members, building moats around our business, and aligning the interests of all of our constituents. I believe we can best accomplish these goals if we continue our progress in these four areas:

1. Adding more responsible, loving pet owners to Trupanion's book of business;
2. Building relationships and trust with more veterinarians and their staff;
3. Enhancing the customer experience; and
4. Reducing our fixed expenses as a percentage of our revenue, so that we can continue to expand our adjusted operating margin.

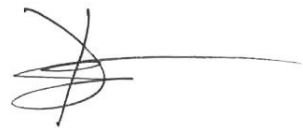
As we expand our margins, we must also diligently grow our pet base. As I said at the outset, this means focusing on a 5:1 LVP:PAC ratio. We operated slightly below this level in 2015, but we believe our long-term target remains achievable.

In Conclusion

The team truly rallied in 2015, and we remain as excited as ever about the future. I've said in the past that we are on mile 3 of a marathon, but after this year, we've moved to mile 4.

I appreciate that this letter includes more numbers than you may be accustomed to seeing, but we strive to find long-term focused shareholders who understand our business on a deeper level. We are confident that these shareholders will be aligned with our values and best positioned to benefit from our strategy. If you are an investor who is new to our story, I encourage you to take the time to learn more about Trupanion and welcome you to come visit our team in Seattle.

For those current shareholders who have already dug into our business and placed their trust in us... thank you.



Darryl Rawlings
Founder & Chief Executive Officer

¹“Fixed expenses” are comprised of our general and administrative expenses and our technology and development expenses, less depreciation and stock-based compensation expenses.

²Adjusted operating income is our non-GAAP metric of operating profit before sales and marketing. This previously was referred to as “discretionary margin.” As a percentage of revenue this is referred to as “adjusted operating margin.”

³In this letter and our other publicly available reporting, we use certain non-GAAP measures. We believe it is important to view these non-GAAP measures as a complement to our financial statements; however, these measures are not a substitute for, or superior to, measures of financial performance prepared in accordance with GAAP, which appear in the accompanying annual report. These measures also may be different from, and inconsistent with, non-GAAP measures used by other companies. For reconciliations of these measures to the most comparable measures calculated under GAAP, please refer to our Investor Relations website under the Quarterly Earnings tab.

⁴“Variable expenses” are comprised of our costs of revenue other than claims (i.e., member service expenses, renewal fees to our independent referral network, credit card transaction fees and premium tax expenses) less stock-based compensation expenses.

⁵Excluding stock based compensation.

⁶Acquisition cost, adjusted operating income, adjusted operating income margin and adjusted EBITDA are non-GAAP measures that we use to evaluate our performance. Acquisition cost is our sales and marketing expense before stock-based compensation expense. Adjusted operating income (historically referenced as discretionary income) measures our operating loss before acquisition cost, other stock-based compensation expense and depreciation and amortization, while adjusted operating income margin (historically referenced as discretionary margin) is adjusted operating income expressed as a percentage of total revenue. Adjusted EBITDA is net loss excluding stock-based compensation expense, depreciation and amortization expense, interest income, interest expense, change in fair value of warrant liabilities and income tax.

⁷As a reminder, lifetime value of a pet (LVP) is calculated in part based on gross profit from our subscription business segment for the 12 months prior to the period end date excluding stock-based compensation expense related to cost of revenue from our subscription business segment, sign-up fee revenue and the change in deferred revenue between periods, multiplied by the implied average subscriber life in months. Implied average subscriber life in months is calculated as the quotient obtained by dividing one by one minus the average monthly retention rate. We monitor LVP to assess how much lifetime value we might expect from new pets over their implied average subscriber life in months and to evaluate the amount of sales and marketing expenses we may want to incur to attract new pet enrollments. Pet acquisition cost (PAC) is calculated as net acquisition cost divided by the total number of new pets enrolled in that period. Net acquisition cost, a non-GAAP financial measure, is calculated in a reporting period as sales and marketing expenses, excluding stock-based compensation, offset by sign-up fee revenue and other business segment sales and marketing expenses. We offset sales and marketing expenses with sign-up fee revenue since it is a one-time charge to new members used to partially offset initial setup costs, which are included in sales and marketing expenses. We monitor average pet acquisition cost to evaluate the efficiency of our sales and marketing programs in acquiring new members and measure effectiveness using the ratio of our lifetime value of a pet to average pet acquisition cost.

⁸Recall that “active hospitals” is the number of hospitals to which we’ve attributed a new enrollment within the past 90 days.

⁹To Show Our Work, this is calculated as follows: 1.3% canceling each month - 0.7% “loyalty additions” - 0.5% monthly ARPU increases = 0.1%. Here, ARPU refers to our monthly adjusted revenue per pet or “ARPP.”

2014

TO OUR SHAREHOLDERS

2014 ended with our 1,000,000th veterinary invoice being paid after a member's pet, a mixed breed dog named Marlee, became sick. We enrolled our first pet in 2000, and a lot has changed since then, yet it is humbling to recognize that our mission is as applicable today as it was when I started the company – arguably more. In Marlee's case, she required only \$13.18 of medication to solve her problem, but over the years we have seen other members' pets pass \$30,000 and \$40,000 in paid veterinary invoices. No claim is too big or too small for Trupanion!

As this is our first shareholder letter as a public company, I would like to take this opportunity to provide a better understanding of how we at Trupanion operate and think.

By the end of this letter, I hope you will understand that not only do we care about creating shareholder wealth, but we truly care about our shareholders as integral team members. Our plan now includes achieving free cash flow positive by the end of Q2 2016. In the next five years, we plan to achieve scale, which we define as 650,000-750,000 pets. At scale, our target is to have 5% fixed expenses and a 15% discretionary margin from our subscription business (before sales and marketing), with our discretionary income funding all our growth, including our capital requirements. This may be aggressive, but I commit to updating you on our progress toward these goals every year. If you are already an investor, I hope you feel comfortable with your decision. If you are not yet a shareholder, I hope you consider adding us to your long-term portfolio.

In our view, the role of a publicly-traded company is to create shareholder wealth by solving a large problem with a unique and defensible solution while aligning the interests of all of our constituents. Our constituents include responsible, loving pet owners; veterinarians and their co-workers; Trupanion Territory Partners; Trupanion employees; and Trupanion shareholders.

“...RESPONSIBLE, LOVING PET OWNERS — DO NOT WANT A RETURN ON INVESTMENT. NOBODY IN THEIR RIGHT MIND WANTS THEIR PET TO BE ‘UNLUCKY’ OR EVEN ‘AVERAGE.’”

The problem Trupanion is solving

Pet owners in North America spent \$55 billion caring for the 180 million dogs and cats last year, and that number is expected to increase in 2015. Responsible, loving pet owners understand how to take care of their dogs and cats. We exercise them, play with them, feed them high-quality food, and make sure they receive preventive health care like flea control, dental cleanings, and annual checkups. They sleep in our bed and on our couches, we use them as our screen savers — and we spent \$500 million dressing them up for Halloween last year. But, most of all, we love them as they love us... unconditionally.

Where we as responsible pet owners struggle is when they become sick or injured. We know where to go for help - our trusted local veterinarian. But we stress over budgeting and planning for the cost of that veterinary care.

Why is this such a challenge? A few reasons:

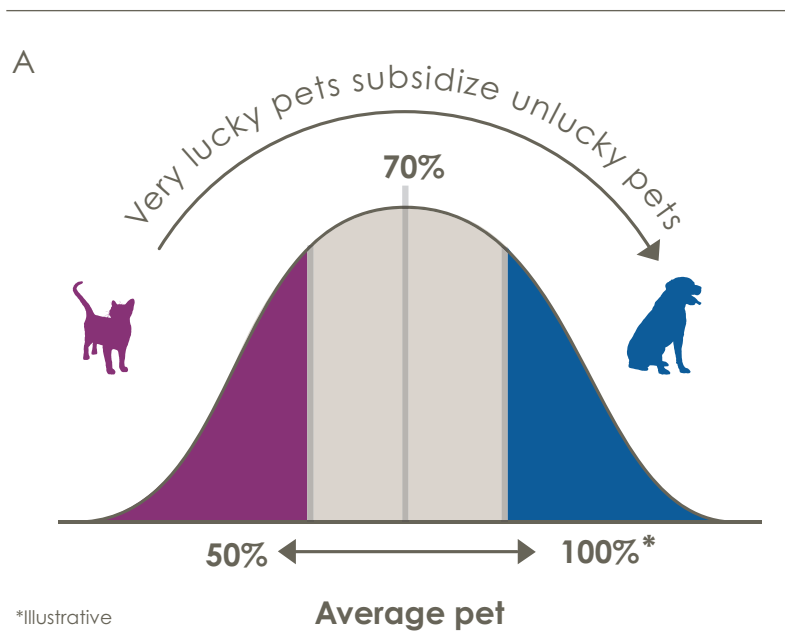
1. We have no idea if our pet is going to be “lucky,” “unlucky,” or “average.”
2. Accidents and illnesses do not occur at convenient or predictable times.
3. The local cost of veterinary care varies by a wide margin by hospital and an even wider margin if you include referral, specialty and 24-hour emergency hospitals.
4. The risk profile of each cat and dog is very different.
5. Large veterinary invoices now can cost \$10,000, \$20,000, \$30,000 — up to \$40,000; therefore scrambling for a credit card is no longer a viable option.

Trupanion solves these problems by sharing the risk equally between the “lucky,” “unlucky,” and “average” dog or cat, taking into account the local cost of veterinary care, and the risk profile of the pet.

These factors allow us to create “price” categories - over 1.2 million price categories last year. These categories are designed to let us share risks equally and fairly among the “lucky,” “unlucky,” or “average” dog or cat. For example, one category is “Golden Retrievers,” another is “dog residing in Santa Barbara,” and a third is “cats enrolling at the age of six.”

We do not try to predict the future. Our responsibility is to understand the costs associated with each category and its underlying trend, and then add a 30% margin. This “cost plus” approach allows us to pay 70 cents on the dollar to the “average” pet owner over the life of their pet (see graph A).

It is important to note that our members - responsible, loving pet owners - do not want a return on investment. Nobody in their right mind wants their pet to be “unlucky” or even “average.” Our members say, “I hope we never need to use Trupanion, but I feel better knowing that if we do, Trupanion will do what they say.” Stop and think about this for a minute... maybe three minutes if you are not a pet owner.



Defensible solution

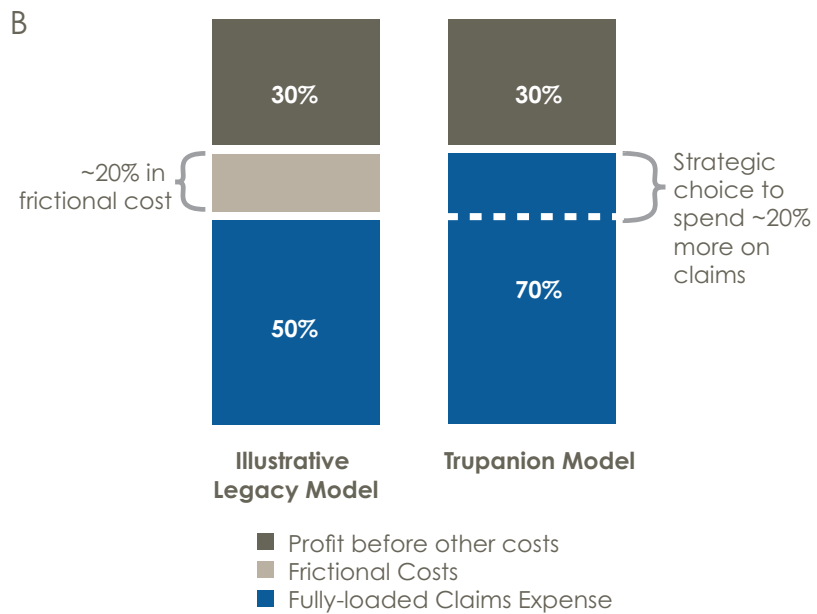
We believe that we have a unique long-term defensible solution. It starts and ends with being the low-cost operator, meaning that our cost to administer and the cost to acquire new members are lowest in North America and very difficult for any existing or new company to emulate. This does not mean that our product will be cheapest in the market; it means that we have the ability to consistently use a higher percentage of our members’ monthly subscription fees toward paying veterinary invoices (see graph B on next page).

To be completely fair and transparent, it is our underlying costs that are low today. Similar to OpenTable when they went public, our costs in an existing, established market are low. In new

“OUR PROPRIETARY DATABASE HAS BEEN BUILT OVER 15 YEARS USING OVER 7.5 MILLION PET MONTHS OF INFORMATION AND INCLUDES OVER 1 MILLION CLAIMS.”

markets, until we reach scale, the cost of acquiring new pets will be higher. Likewise, our fixed expenses, which include our G&A and our technology investments, will run higher for the short term as we invest ahead of scale to be the long-term category leader.

Trupanion’s proprietary data has given us a unique advantage in the marketplace. We have a central team of analysts of varying backgrounds (actuary, finance, math, engineering) who serve as the “truth department” and support all areas of the business. They provide transparency into company data for better decision-making and use advanced techniques to extract insights from this data. Our proprietary database has been built over 15 years using over 7.5 million pet months of information and includes over 1 million claims. Pricing accurately allows us to share our high value proposition with each pet owner. We are confident that we lead the industry with our data analytics. Knowing what I know today, it would take me over 13 years to replicate our 15 years of data.

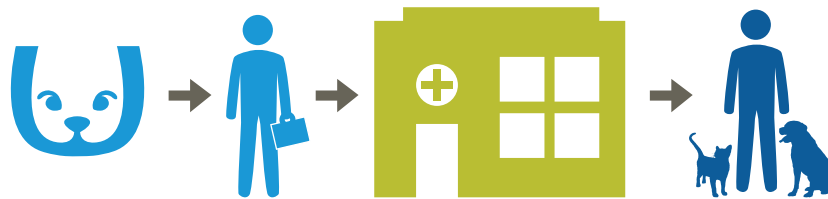


One of the biggest differentiators for Trupanion is our unique approach to the market through a field team we call Territory Partners. We fundamentally believe that support from veterinarians is critical to driving broader acceptance of medical insurance for pets in North America. We have built our success around this belief, making pet owners aware of our solution by using Territory Partners to educate veterinarians, and encouraging them to actively recommend Trupanion in their hospitals. Territory Partners build relationships and trust with veterinarians as the local face of Trupanion. In 2014, we estimate that we made over 80,000 face-to-face visits. Over the last 15 years we’ve made hundreds of thousands of visits with veterinarians.

At the end of 2014, we had 70 people in the field and we expect to have 85 by the end of 2015. We ended 2014 with over 6,000 active hospitals, compared to over 5,000 active hospitals at the

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Trupanion's Territory Partner Model



end of 2013. An active hospital is not a hospital that displays our brochures, but a hospital that has had a pet enrolled over the previous three months.

This approach is effective at creating members and efficient from a pet acquisition cost perspective (see graph C).

In order to maintain these important veterinary relationships, we are consistently looking for ways to enhance the Trupanion experience in the hospital. Trupanion Express™ is our no-cost software solution that revolutionizes the member experience and removes a major barrier — the reimbursement model — that has historically existed between “pet insurance” providers and veterinarians. For pet owners, their 90% coverage through Trupanion is paid directly to the veterinarian at the time of invoice — dramatically reducing out-of-pocket costs. For veterinarians, Trupanion coverage enables them to move forward with “plan A” care for any sick or injured pet while growing their top and bottom lines. In the process,

Trupanion collects additional proprietary data to further improve our pricing accuracy, while maintaining a strong relationship with supportive hospitals. At the end of 2014, we had approximately 175 of our 6,000 active hospitals using Trupanion Express™. These hospitals are among our most active, representing over 20% of our claims dollars. While still early, following implementation, we’re seeing improved referral and conversion rates. Longer term, we also expect this to aid retention rates (see graph D on next page).

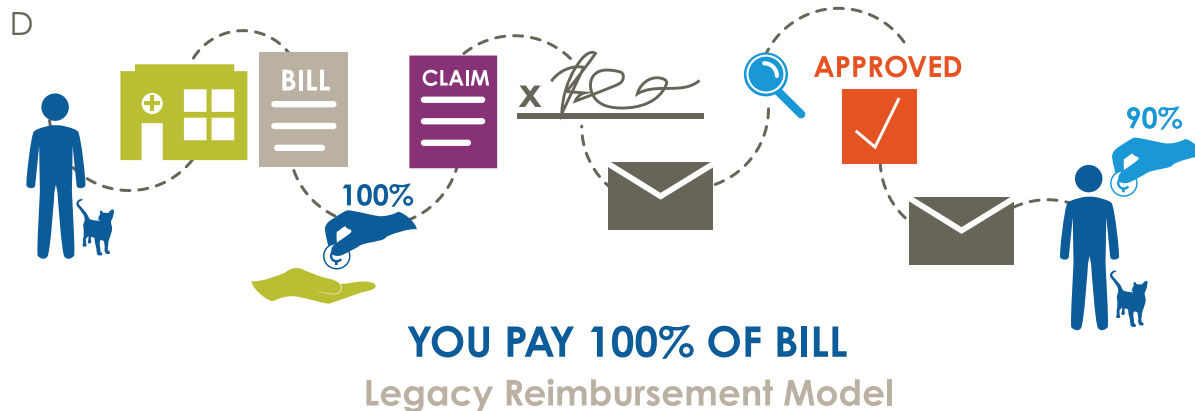
Data analytics, expansion of our Territory Partner sales force, and focus on Trupanion Express™ are all strategic investments aimed at scaling our business and driving the penetration of medical insurance for pets north of the approximately 1% it is today in the United States and Canada.

Aligning the interests of all of our constituents

Responsible, loving pet owners want a solution to their underlying problem of budgeting for the costs of veterinary care if their pet becomes sick or injured. They demand coverage for the medical issues most likely to occur to their pets. They want to use their veterinarian of choice and to have 90% of the actual invoice paid directly to their veterinarian so they do

not have to come out of pocket and suffer through a cumbersome reimbursement model. They do not want to be penalized if their pet becomes “unlucky.” Most importantly, they want value. Unfortunately, pet owners were not seeing these things offered in the traditional products available on the market.

From day one, I have been dedicated to meeting these needs and today we offer a superior product that is inherently different than what



“THE VALUE OF THE TRUPANION SOLUTION COMES IN THE FORM OF PAYING THE INDUSTRY’S HIGHEST SUSTAINABLE PERCENTAGE BETWEEN WHAT PET OWNERS PAY IN THE WAY OF MONTHLY COST AND WHAT WE PAY IN VETERINARY INVOICES FOR THE ‘AVERAGE PET.’”

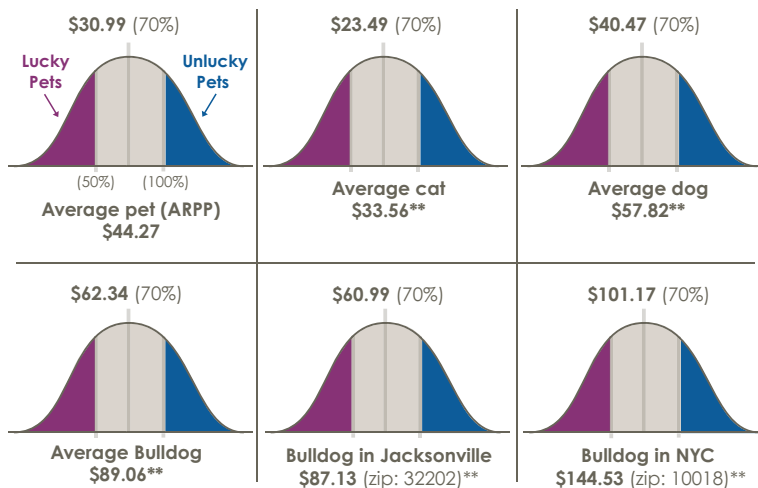
pet owners perceive as pet insurance in North America. In fact, we do not describe ourselves as “pet insurance” — we are medical insurance for cats and dogs. Why is that? Each pet owner you meet will have a different perception of what “pet insurance” is — wellness-only coverage, accident-only coverage, an HMO-like product that restricts where you can get care, fee schedules that restrict how much care you can receive, and unequivocally all reimbursement-based.

We clearly solve all of these problems — and more. We cover hereditary and congenital conditions (those things most likely to happen to a pet), we don’t raise rates because a pet has claims, we have no payout limits, and we’re eliminating the reimbursement model with Trupanion Express™. The value of the Trupanion solution comes in the form of paying the industry’s highest sustainable percentage between what pet owners pay in the way of monthly cost and what we pay in veterinary invoices

for the “average pet.” This is a strong value not only for the pet owner — but for the veterinarian and the pet as well. We’re aligning the interests of the pet owner and the veterinarian, allowing both parties to focus on providing the best care, rather than the cost.

I would like to draw a comparison between Trupanion and another subscription membership company that I greatly admire. Costco members inherently understand if they are purchasing a 60” flat screen, a bottle of Bordeaux, a can of tuna, or a roll of toilet paper, that they are always getting the best deal. Trupanion members need to know that whether they are paying \$33/month for their cat or \$144/month for their Bulldog, they are getting the industry’s best deal, for a product that works, and from a company they can trust (see graph E).

E Value Per Category*



*Illustrative.

**Assumes 2-year old pet selecting a \$100 deductible

Let's have a discussion about veterinarians, the cost of veterinary care and our philosophy around these items

Trupanion has been built from the ground-up based on our relationships with veterinarians and their staff. They are extremely loyal and consistent once we earn their trust. Veterinarians and their staff chose their occupation because they love pets. Getting into veterinary school can be more difficult than getting into medical school or dental school. Yet veterinarians earn considerably less than their counterparts on the human side.

The delivery of veterinary medicine is thriving. There are 28,000 veterinary hospitals across North America and approximately 26,000 are independently owned. They are extremely efficient, providing the same surgeries, medicine, diagnostics, and hospitalization as their human counterparts at a fraction of the cost. The costs of veterinary care are market-driven due to such a high percentage of independent hospitals serving the needs of their local pet owners in a way that sets their hospital apart from the competition down the street or around the corner. Veterinarians are also highly respected within their community, often rated among the highest professions alongside medical doctors and pharmacists.

Understanding the motivations, values and perspectives of veterinarians and their staff is critical to our long-term success. They do not want their industry screwed up like the human side. This means no to any HMO-like models. Having insurance companies drive the pricing of care or selection of hospital is not acceptable. They want to serve their clients' needs, not waste their time on filling out forms. They know the difference between a high-quality product and one that has limitations and exclusions. They understand what appropriate care is and are passionate about providing it. Compassionate euthanasia is a part of veterinary medicine, and will always be a part of veterinary medicine; but economic euthanasia is heartbreaking to all veterinarians and their staff. Finally, they agree that medical insurance for cats and dogs is for catastrophic issues, not wellness or routine care.

Trupanion's product pays 90% of the veterinarian's actual invoice for all diagnostics, surgeries, medications, and hospital care. We have no payout limits - period. We do not penalize pet owners if their pet becomes sick or is injured. We cover all medical conditions that arise after a pet owner gets Trupanion; this includes the things most likely to occur to their pet's breed, known as congenital or hereditary conditions. Trupanion has only one simple plan, so it is easy for veterinarians and their staff to understand and therefore explain to their clients. Trupanion has the ability to integrate with the veterinarian's practice management

“WE ARE NOT TRYING TO CONTROL THE COST OF VETERINARY CARE; WE ARE SIMPLY TRYING TO UNDERSTAND THE COSTS FOR THE AVERAGE PET IN EACH CATEGORY, AND ADD A 30% MARGIN.”

software, so we replace cumbersome paperwork with a couple of clicks and the ability to pay the veterinarian directly.

We are not trying to control the cost of veterinary care; we are simply trying to understand the costs for the average pet in each category, and add a 30% margin. This makes the budgeting manageable to the responsible, loving pet owner.

Why our values are so important

Trupanion employees love pets. On an average day in our Seattle office we will have about 400 employees working alongside 200+ dogs and cats. This is an important part of our culture, as our four-legged friends constantly remind us why we come to work. To ensure the comfort of all the pets, we have full-time dog walkers. Our average employee has years of experience in veterinary hospitals, shelters, doggy day cares or other related fields. Similar to the demographics of a veterinary hospital, we have a high percentage of female employees between the ages of 24 and 40. In January, to supplement our dog walking services, we launched a child care center for our employees with two-legged children under the age of three.

Another Seattle company that we admire is Starbucks and in particular their values on “social conscience.” We at Trupanion believe

that our environment and values are critical to our long-term success. We feel strongly that everyone at Trupanion is equally important; we all have the same size desk and the same benefits regardless of whether we are hourly or salaried or our tenure with the company. We want everyone to be fulfilled and comfortable being themselves. We have a sign on our wall that shows the Oscar Wilde quote, “Be yourself, everyone else is taken” and we take that motto seriously.

Our values are not something we put on marketing materials - they are beliefs or traits that are shared by our community and define our culture. We believe that the values of a company are similar to the characteristics of an individual. If you were to describe a friend to a co-worker you may use words like smart, funny, loyal, and crazy. The combination of these words would paint a picture to your co-worker about your friend. If a pet owner or veterinarian describes Trupanion in a way that lines up with our values, then we have the underpinning of a Brand. Our values are:

- We do what we say
- Simple is better
- We do not punish unlucky pets
- We’re innovative and fair
- We love pets!

Our values are listed in the order of priority — if someone loves pets, but they do not do what they say? That individual does not belong at Trupanion.

Shareholders have been with us since the beginning

I started Trupanion 15 years ago in Vancouver, BC. From the beginning, I have had shareholders. For the first few years the company was bootstrapped with my personal proceeds earned from the sale of my cigar business, and from the trust of eight individuals who invested \$25,000 each. Several years later, and before taking on any institutional investors, we agreed to pay \$35,000 to each of the eight individuals and they kept 100% of their shares. It was very important then, as it is today, to repay shareholders and to do what we say.

Our commitment to our institutional investors was to take our learnings from our first seven years in Canada and to create and build a category for medical insurance for cats and dogs in the United States & Canada. In 2008, we said that we would build relationships with veterinarians, get the underpinnings of a consumer brand, expand upon our data, focus on the consumer experience, and take the company public in 2014.

On July 18, 2014 we took Trupanion (TRUP) public on the New York Stock Exchange and embarked life as a public company.

2014 performance

First, an overview. While becoming a public company was a major milestone, it was truly only one moment in time for us. We had a full year of hard work, accomplishments, and setbacks. I believe we did several things well and several things poorly in 2014, and I'll outline them here.

In the negative column, we disappointed ourselves and others by having a pricing miss in Q3 & Q4, which was outside of our allowable tolerance and affected our gross margin. For this miss I blame myself. For several years we had been extremely accurate at our pricing, so much so that I became overly confident and focused on weaker areas of our business.

Primarily, I focused on improving the quality, selection and training of our national sales force of Territory Partners (an area we began to fumble in 2012 and 2013), as well as preparing to take the company public. What I didn't account for during this time was the speed in which the company was able to execute change in processes. I had a flat organizational structure and unfortunately I was a critical component in disseminating information across departments. Said another way, the impact of the way we were changing our claims process was not clearly understood in our pricing department and we got surprised. The organizational structure was adjusted in the fourth quarter of 2014 and we now have five clear owners of every key metric and line item

on our profit and loss and cash flow statements. These owners meet weekly and I am no longer a barrier to the dissemination of information.

The second area where we let ourselves down was holding on to some people longer than we should have, specifically some Territory Partners who we had previously on-boarded too quickly and, to be fair to them, without enough training and tools to increase their odds of being successful. When talking about having the right people in the right seat on the bus, my experience tells me this will not be the last time we acknowledge this failure.

A third area that disappointed me was our focus on increasing enrollments and same-store sales ahead of a more foundational goal of increasing enrollments by adding more active hospitals. It would be lovely to do both well, but we mixed up the priorities last year.

In the positive column, we believe we raised more than enough money to carry us through to cash flow positive. We have no intention of going back to the markets to raise additional capital.

To set appropriate expectations clearly, I should caveat that if we miraculously discover a new lever that will dramatically and cost-effectively change our growth projection curve, and it requires additional capital, we will do what's best for the company and shareholders long-term. I put this miraculous new lever probability somewhere between very low and extremely low. After 15 years, we are not expecting to find a silver bullet.

Second, we have improved the hiring, training and selection of our Territory Partners. In 2014, we launched a program we call "Trupanion University" where current and prospective Territory Partners participate in an extensive three-week training on Trupanion.

Third, we have significantly advanced our knowledge, product and processes to allow us to improve our member experience, facilitating our long-term goal of paying veterinarians directly and eliminating the cumbersome reimbursement model. Trupanion Express™ is very important to our long-term ambitions and in 2015 we intend to learn much more to ensure we get the full impact when we are eventually deployed throughout North America.

Let's move on to the numbers

We are not at the stage where I can start talking about earnings per share. What I can go over is the top line, bottom line, and some of our key metrics. But first, it's important to understand how we think about our business metrics internally. We use the old-fashioned cash flow method.

We collect cash at the beginning of the month, and then pay veterinary invoices, variable expenses to support member service, taxes and fees, and fixed expenses in the way of technology and general and administrative expense (G&A). The remaining cash, before sales and marketing, is what we term our "discretionary income." We can choose to

spend this discretionary income to acquire new members, invest in foundational one-time initiatives, re-purchase shares, or one day, distribute to our shareholders.

Please note our discretionary income is not recognized by GAAP accounting or the SEC, but we certainly are not the first direct-to-consumer subscription company that thinks about their business this way. John Malone and TCI (the cable company) in the late seventies introduced the investment community to the term EBITDA when they needed to describe cash flow in their business in lieu of earnings per share. TCI shareholders were well rewarded when they educated themselves in how they managed their business based on cash.

It should also be noted that the discrepancy between our actual cash flow and GAAP accounting for revenue is approximately 200 basis points in the positive direction. The two-point swing is related to the requirement to defer approximately half of a month's revenue forward one month as our members pay on differing days during the month and receive a month of coverage.

Back to the GAAP accounting and other key metrics in 2014:

- Revenue was \$116M
- AEBIDTA was a loss of (-\$10M)
- Free cash flow was (-\$16M)
- Adjusted Revenue Per Pet (our version of ARPU) was \$44 per month

- PAC was \$119 (pet acquisition cost)
- LVP was \$590 (lifetime value of a pet)
- LVP/PAC was 5.0X
- Discretionary income was \$3M

All the above key metrics, excluding fluctuations in foreign exchange rates, were at or slightly ahead of analyst consensus.

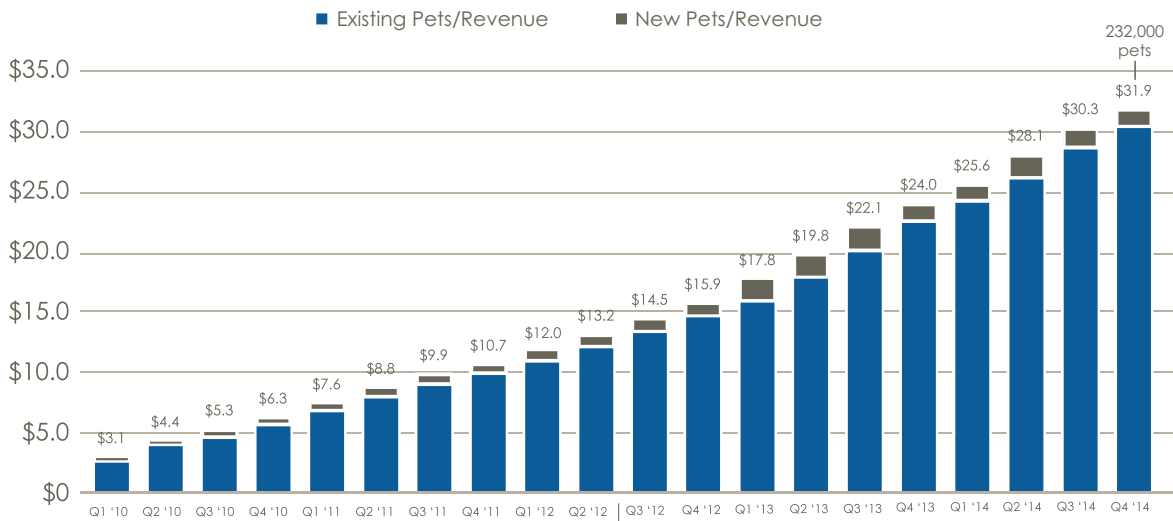
Notable milestones in 2014

- 2014 showed continued revenue and pet growth (see graph F on page 14).
- We added 213 people to our home office team — that is 44% growth over 2013. We also welcomed 67 new pets to the office, making our Trupanion family now a total of 227 pets and 413 employees— a 1:2 pet to human ratio.
- We launched the US Veterans Service Dog Program, working with the US Department of Veterans Affairs. Through this program, approved veterans' service dogs receive quality veterinary care and Trupanion covers 100% of all coverable expenses — this includes treatment for pre-existing conditions and wellness and preventive exams, as well as everything covered for Trupanion's members. This program shows up in our "Other Business" section of our P&L.

- Our Member Care team initiated a new partnership with Aspect, a workforce management solution, to help deliver exceptional service. Aspect allows Trupanion members to move from channel to channel and connect to the same team member. Almost overnight, Trupanion shaved 30 seconds off average wait times by leveraging skills-based routing. Aspect technology has also helped Trupanion improve timeliness of email responses and stay within service level goals.
- We made our stock market debut on the New York Stock Exchange. Several team members traveled to New York City to ring the closing bell. The traditional celebratory dinner was held picnic-style in Central Park while we dined on Shake Shack burgers. The rest of the office partied at home with champagne and cupcakes. Our stock opened at \$10 per share, and we raised \$82 million.
- We launched our new website — a robust, fully responsive, world-class web platform and what we believe is the best possible ‘front door’ for Trupanion. After its launch, The Interactive Media Council named Trupanion.com the winner of the 2014 Interactive Media Award for Best in Class Website.
- We hosted a three-day conference in downtown Seattle for our Territory Partner sales force. The conference featured keynote speakers Richard Galanti, Costco CFO; Howard Schultz, Starbucks CEO; David Loewe, Seattle Humane Society CEO; and Kristin Hamilton, Koru CEO.
- Our Chief Technology Officer, Craig Susen, was awarded the CTO of the Year Innovator Award.
- Through our Member Donation Program, our members donated over \$104,000 to charities across the United States and Canada. These charities include The American Humane Association, National Canine Cancer Foundation, The Farley Foundation, and the BC SPCA Biscuit Fund. We also donated 9,107 pounds of pet food to the Seattle Humane Society in our annual pet food drive and sponsored 19 children in need for the holidays.
- Our Child Care Center hosted its open house. The center is available to Trupanion employees at no cost, and serves children aged 6 weeks to 2.5 years. The Child Care Center was officially opened January 5.
- We ended the year with 232,000 enrolled pets, 70 regional sales people in the field and 6,073 active hospitals.

F

Total Revenue by New vs. Existing Pets*



*All revenue amounts reflect adjusted revenue, in millions. For a description of how we calculate adjusted revenue, see “Management’s Discussion and Analysis of Financial Conditions and Results of Operations – Non-GAAP Financial Measures.” Existing Pets/Revenue reflects adjusted revenue from subscription pets who had active subscriptions at the beginning of the quarter and recurring adjusted revenue from our other business segment. New pets/revenue reflects adjusted revenue from subscription pets enrolling during the quarter and adjusted revenue added during the quarter from our other business segment.

Our business model

Our business model is simple. But the execution of our business model is challenging. It requires focus, years of data, and a great team.

Our business model is similar to the cable industry in the 1960’s, the cellular industry in the 1980’s, and more recently, two companies we admire - Netflix and Pandora. Purely, we are a direct-to-consumer monthly subscription service.

Subscription service companies rely on a high value proposition for their members, something they feel and value. The best subscription companies have a high cost of goods, an exceptional member experience, and the lowest frictional costs.

The model is to spend X to acquire a new member and to have the discretionary income return substantially more than X over the life of the subscription. Margin percentages are less important than the amount of free cash generated over the life of the subscription. One

“OUR BUSINESS MODEL IS SIMPLE. BUT THE EXECUTION OF OUR BUSINESS MODEL IS CHALLENGING.”

of our key metrics is our PAC/LVP ratio, which all quality subscription companies understand. Internally, we think the PAC/LVP ratio is a little overstated as it uses the average contribution dollar and omits the cost of our fixed overhead. It is useful to show the potential before we are fully at scale and that is why we report it, BUT it is flawed because it does not account for the cash required to operate our fixed expenses.

For these reasons, we are most concerned with the internal rate of return (IRR) for incrementally adding an average pet. We calculate the IRR by understanding our cost to acquire an average new pet and the free cash flows that we anticipate will be generated over the average pet’s life. We have previously stated that, at operational scale (650,000 to 750,000 pets), our target fixed expenses should equal 5%-6% of revenues. If we are able to achieve a consistent 70% gross margin, 10% variable expenses and 5%-6% for fixed expenses, our discretionary margin would be 14%-15%. In the

next few years and before hitting scale if we can achieve 7%-8%, our IRR should be in the neighborhood of 40%-50% (see graph G).

Unfortunately, we do not have a 40%-50% IRR for the average incremental pet today. Candidly, we have taken a temporary step backward in the last two quarters with our inadequate pricing and our currently outsized fixed expenses. That being said, we believe that these results are achievable based on our performance in more mature markets. Lots of execution ahead!

Please remember we have over 1.2 million price categories where we monitor our PAC/LVP and therefore our IRR by category. They will not have the same results. As we try to accelerate some channels and categories, some will scale well for a long time, others will have diminishing returns. It is our responsibility to understand when to put our foot on the accelerator, when to coast, and when to slam on the brakes.

G	Months	68	Next few years							
	Churn	1.47%	year	0	1	2	3	4	5	6
LVP	570	Months	6	12	12	12	12	12	2	68
LVP/PAC	5X	DM	\$24.35	\$48.71	\$48.71	\$48.71	\$48.71	\$48.71	\$8.12	
DM	8.1%	PAC	-\$114							IRR
ARPU	\$50.11	FCF	-\$89.65	\$48.71	\$48.71	\$48.71	\$48.71	\$48.71	\$8.12	47%

LVP = Lifetime Value of a Pet PAC = Pet Acquisition Cost
 DM = Discretionary Margin ARPU = Average Revenue Per Pet (Unit)

Market comparables

Prior to and since going public we have been asked a set of questions, all with a similar theme: Why are you being covered by internet analysts? Why are you being covered by animal health analysts? Are you not just an insurance company? What are the market comparables to Trupanion?

The answer to all of these questions is that we are not easily put into a box. Our product is a catastrophic health insurance product. For this, we internally believe our challenges are not similar to a typical health insurance company and the complexity of offering our product is just another barrier to entry. We live in the animal health world, this is where 70% of the team comes from and it is necessary that we understand the needs of veterinarians and pet owners, but we are not a pharmaceutical, laboratory or distribution company. We also are not a SAAS company with a high gross margin. We are a monthly recurring revenue business that requires us to be a low-cost operator, with a high value proposition, and a focus on delivering a positive member experience with a low acquisition cost.

I have mentioned several companies in this letter that I admire, but I don't mention them to drive valuation comparisons. They inspire me, and as a business, we aspire to some parts of their business model but I am not trying to suggest they are market comparables.

Our business model is a direct-to-consumer monthly subscription service and this is how we manage the business.

Methods of valuation

It would be disingenuous for us to talk about comparables without talking about valuation methods. My opinion on these topics probably isn't relevant to the marketplace, but I'm going to give it anyway:

- Multiple of earnings is not very relevant when a company is losing money. If investors are currently expecting/requiring dividends, we are not the right investment right now. However, as I mentioned earlier, we expect to achieve cash flow positive in the next 12 months and achieve scale in the next five years.
- Multiple of EBITDA is applicable for many growth companies if the capitalized portion of the P&L is similar to other comparable investments. We do not capitalize our growth; in fact, we capitalize only a small portion of our technology spend today and we expect this will be reducing as we scale our fixed expenses, G&A and technology to 5%-6% of revenues.
- EBITDA and GAAP puzzle me at times. If we purchased a book of business from a competitor, the purchase would be capitalized. For example, if we purchased a competitor with 50,000 pets at a price of \$300 per pet, the purchase price would be \$15 million. With GAAP accounting, the purchase would have little effect on our EBITDA and income in the year we purchased

the business, and the following year, the casual observer would only see our increased revenue from the additional 50,000 pets and the corresponding profits. Hold with me... this is where it gets interesting. If in the same year, we chose not to purchase the competitor's pets for \$300 per pet, but instead grew organically by 50,000 pets at \$150 per pet, our EBIDTA or income would have a -\$7.5M hit. EBIDTA is supposed to be a proxy on cash and GAAP accounting... well-intended as it is, it does not always lead us to the best investment decisions. The cash decision is obvious, it is better to grow organically at \$150 a pet vs. paying \$300 per pet. Needless to say, we like to manage our business based on cash.

- We are cash-in/cash-out every month. We are not a company that makes money on the float. There are insurance companies that do that very well if you are looking for a return on equity type of investment in your portfolio.
- Discounted cash flow is how we internally view our long-term strategic choices. It is purely mathematical and although the inputs of terminal growth rates and weighted average cost of capital can move the valuation all over the chart, if you keep them constant, you can determine if your choices move the needle in the right direction.

Deployment of your capital short-term

Over the next few years we will be deploying your capital in our foundation, member experience, growth and scale. Specifically, we intend to invest in:

- Our Territory Partner program to increase the number of active hospitals recommending Trupanion. We have a long way to go to earn the trust of the 28,000 veterinary hospitals throughout North America.
- Building and deploying technologies that will improve our member experience and lower our operating costs.
- Data to improve our ability to price accurately and fairly among all of our categories. This is at the core of what sets us apart. Our members need to know that they are always getting the best deal.
- Cost-effectively adding more pets.

“WITH THE NORTH AMERICAN MARKET PENETRATION AT APPROXIMATELY 1%, WHILE WESTERN EUROPE RANGES BETWEEN 5% AND 25%, WE HAVE DECADES OF RUNWAY AHEAD.”

Deployment of your capital long-term

As mentioned previously, we use our IRR to determine if adding an incremental pet is the best use of our shareholders' money. With the North American market penetration at approximately 1%, while Western Europe ranges between 5% and 25%, we have decades of runway ahead. Remember, at our average revenue per pet, every 1% of penetration equals about \$1 billion in revenue. If at scale we cannot get a consistent return healthier than the average shareholder, we could return the cash in the way of dividends. If we have extra capital and our share value is significantly below our discounted cash flow value, we could re-purchase shares. These are theoretical scenarios; however, I expect we will continue to see growth opportunities for years to come and continue to re-invest to capture more of the available market.

The team

Every CEO says they have a great team. Instead of me saying it to you, I invite you to visit our Seattle office so you can meet them yourself, experience our environment, and hang out with our 200+ dogs and a few fearless cats.

Our progress to date would not have been possible without the support and cooperation from our Board. For years, Chairman Murray

Low has set the tone, leading by example with incredible character, self-awareness and drive to help build something great.

It's also important to me to call out Dan Levitan. Dan is the co-founder of Maveron, the preeminent consumer-focused venture capital firm. Partnering with Dan and Maveron has proven to be one of the best decisions that I have ever made.

I would like to take this opportunity to say thank you to:

- The amazing companies that I named in this letter: Costco, Netflix, Pandora, OpenTable, TCI, and Starbucks - thank you for being an inspiration.
- Veterinarians and your staff: thank you for believing and trusting that we could be different.
- Our employees who live and breathe our values, passionately serve our members, and have the confidence to be themselves at work.
- Our Territory Partners who day after day walk through the doors of veterinary hospitals, trying to earn their trust.
- Existing shareholders: we thank you for entrusting us with your investment.
- To those responsible, loving pet owners that have Trupanion: thank you for taking care of your buddy and choosing us. We hope you are lucky enough to never need to call us, but if you do, we will be there for you.

For those truly long-term investors who have not purchased TRUP, I encourage you to educate yourself on our company and visit our team in Seattle.

I will leave you with an excerpt of a letter a fellow board member gave to me recently:

"I have always been attracted to the low cost operator in any business and when you can find a combination of (1) an extremely large business, (2) a more or less homogeneous product, and (3) a very large gap in operating costs between the low cost operator and all of the other companies in the industry, you have a really attractive investment situation. That situation prevailed twenty five years ago when I first became interested in the company, and it still prevails."

Letter to Mr. George D. Young
From Warren Buffett
July 22nd, 1976

Thank you,

Darryl Rawlings, Founder & Chief Executive Officer

A handwritten signature in black ink, consisting of a stylized, cursive 'D' followed by a long horizontal line extending to the right.

2015 FORM 10-K

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 10-K

(Mark One)

ANNUAL REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the fiscal year ended December 31, 2015

or

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from ____ to ____

Commission File Number: 001-36537

TRUPANION, INC.

(Exact name of registrant as specified in its charter)

Delaware

(State or other jurisdiction of incorporation or organization)

83-0480694

(I.R.S. Employer Identification Number)

**907 NW Ballard Way
Seattle, Washington 98107
(855) 268 - 9606**

(Address, including zip code, and telephone number, including area code, of registrant's principal executive offices)

Securities registered pursuant to Section 12(b) of the Act:

Title of Each Class
Common Stock, \$0.00001 par value per share

Name of Exchange on Which Registered
New York Stock Exchange

Securities registered pursuant to Section 12(g) of the Act: None.

Indicate by check mark if the registrant is a well-known seasoned issuer, as defined in Rule 405 of the Securities Act. Yes No

Indicate by check mark if the registrant is not required to file reports pursuant to Section 13 or Section 15(d) of the Act. Yes No

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15(d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes No

Indicate by check mark whether the registrant has submitted electronically and posted on its corporate Web site, if any, every Interactive Data File required to be submitted and posted pursuant to Rule 405 of Regulation S-T (§232.405 of this chapter) during the preceding 12 months (or for such shorter period that the registrant was required to submit and post such files). Yes No

Indicate by check mark if disclosure of delinquent filers pursuant to Item 405 of Regulation S-K (§229.405 of this chapter) is not contained herein, and will not be contained, to the best of the registrant's knowledge, in definitive proxy or information statements incorporated by reference in Part III of this Form 10-K or any amendment to this Form 10-K.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, or a smaller reporting company. See the definitions of large accelerated filer, accelerated filer and smaller reporting company in Rule 12b-2 of the Exchange Act.

Large accelerated filer

Accelerated filer

Non-accelerated filer (Do not check if smaller reporting company)

Smaller reporting company

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). Yes No

The aggregate market value of the registrant's common stock held by non-affiliates as of June 30, 2015, the last business day of the registrant's most recently completed second fiscal quarter, was approximately \$144,293,788 using the closing price on that day of \$8.24.

As of February 10, 2016, there were approximately 28,398,480 shares of the registrant's common stock outstanding.

DOCUMENTS INCORPORATED BY REFERENCE Part III incorporates certain information by reference from the definitive proxy statement to be filed by the registrant in connection with the 2016 Annual Meeting of Stockholders (Proxy Statement). The Proxy Statement will be filed by the registrant with the Securities and Exchange Commission pursuant to Regulation 14A not later than 120 days after the end of the registrant's fiscal year ended December 31, 2015.

TRUPANION, INC.
Annual Report on Form 10-K
For the Fiscal Year Ended December 31, 2015
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Note About Forward-Looking Statements

This Annual Report on Form 10-K contains forward-looking statements within the meaning of Section 21E of the Securities Exchange Act of 1934, as amended, and section 27A of the Securities Act of 1933, as amended (Securities Act). All statements contained in this Annual Report on Form 10-K other than statements of historical fact, including statements regarding our future results of operations and financial position, our business strategy and plans and our objectives for future operations, are forward-looking statements. The words “believe,” “may,” “will,” “potentially,” “estimate,” “target,” “continue,” “anticipate,” “intend,” “could,” “would,” “project,” “plan” and “expect,” and similar expressions that convey uncertainty of future events or outcomes, are intended to identify forward-looking statements.

These forward-looking statements are subject to a number of risks, uncertainties and assumptions, including those described in Part I. Item 1A. “Risk Factors” and elsewhere in this Annual Report on Form 10-K. Moreover, we operate in a very competitive and rapidly changing environment, and new risks emerge from time to time. It is not possible for our management to predict all risks, nor can we assess the impact of all factors on our business or the extent to which any factor, or combination of factors, may cause actual results to differ materially from those contained in any forward-looking statements we may make. In light of these risks, uncertainties and assumptions, the forward-looking events and circumstances discussed in this Annual Report on Form 10-K may not occur and actual results could differ materially and adversely from those anticipated or implied in the forward-looking statements.

You should not rely on forward-looking statements as predictions of future events. Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee that the future results, levels of activity, performance or events and circumstances reflected in the forward-looking statements will be achieved or occur. We undertake no obligation to update publicly any forward-looking statements for any reason, except as required by law.

Unless otherwise stated or the context otherwise indicates, references to “Trupanion,” “we,” “us,” “our” and similar references refer to Trupanion, Inc. and its subsidiaries taken as a whole.

PART I

Item 1. Business

Our Mission

Our mission is to help the pets we all love receive the best veterinary care.

Our Company and Approach

We provide a medical insurance plan for cats and dogs throughout the United States, Canada and Puerto Rico. Our data-driven, vertically-integrated approach enables us to provide pet owners with what we believe is the highest value medical plan for their pets, priced specifically for each pet's unique characteristics. Our growing and loyal member base provides us with highly predictable and recurring revenue. We operate our business similar to other subscription-based businesses, with a focus on maximizing the lifetime value of each pet while sustaining a favorable ratio of lifetime value relative to acquisition cost.

Our target market is large and underpenetrated. We have pioneered a unique solution that sits at the center of the pet medical ecosystem, meeting the needs of pets, pet owners and veterinarians, and we believe we are uniquely positioned to continue to drive market penetration. Our aggregate enrolled pets, including pets in our other business segment, was 291,818 as of December 31, 2015. Additionally, the total number of pets enrolled in our subscription medical plan has increased every quarter for the last eleven years. More recently, the total pets enrolled in our subscription medical plan grew from 31,207 pets on January 1, 2010 to 272,636 pets on December 31, 2015, which represents a compound annual growth rate of 54%.

**Total Subscription Pets Enrolled
(in thousands)**



Pet owners are often surprised by the cost of veterinary care and can be financially unprepared if their beloved pets become injured or ill. The costs of medical treatments for pets have become more onerous over time due to the availability and usage of increasingly advanced veterinary care. Consequently, pet owners without medical coverage may be forced to accept sub-standard care for their pets due to financial constraints.

To address these challenges, we offer a simple, fair and comprehensive medical plan that pays 90% of actual veterinary costs for accident and illness claims, has no payout limitations, has few exclusions and can be used to cover the costs incurred at any veterinary practice, emergency care center or specialty hospital in the United States, Canada and Puerto Rico. This approach aligns the interests of pet owners and veterinarians, which allows them to focus on providing the best care for pets rather than minimizing the cost of treatment. Some of our key differentiators include:

- **Superior Value Proposition.** Our vertically integrated infrastructure eliminates significant frictional costs that constrain most of our competitors, which allows us to provide superior value to our members.
- **Proprietary Database and Technology Platform.** Our custom-built technology platform and proprietary database contain 16 years of pet health records and give us unique insights into how to both manage our business and accurately price subscriptions to our medical plan.

- ***Strong Relationship with Veterinary Community.*** We have invested significant time and energy communicating our value proposition to thousands of veterinarians. We engage a national referral network of independent contractors, who are paid fees based on activity in their regions; we refer to these contractors and their associates, collectively, as our Territory Partners. Our Territory Partners communicate the benefits of our medical plan to veterinarians through in-person visits.
- ***Trupanion Express™.*** Our software solution Trupanion Express™ increases our ability to pay veterinarian invoices directly, often in less than five minutes. Trupanion Express™ integrates with veterinarians' practice management software, giving us access to more data, reducing our claims handling expense and giving us the ability to deliver a significantly better experience to our members compared to the traditional reimbursement model.

We believe that these differentiators serve as competitive advantages, making our business model difficult to replicate.

We generate revenue primarily from subscription fees for our medical plan. Our medical plan automatically renews on a monthly basis, and members pay the subscription fee at the beginning of each subscription period. Since 2010, at least 88% of our subscription business revenue every quarter has come from existing members who had active subscriptions at the beginning of the quarter. Due to our focus on providing a superior value proposition and member experience, our members are very loyal, as evidenced by our 98.6% average monthly retention rate in 2015. For more information regarding average monthly retention, including an explanation of how we calculate this metric, see "Management's Discussion and Analysis of Financial Condition and Results of Operations—Key Financial and Operating Metrics."

We enrolled our first pet in Canada in 2000 and our first pet in the United States in 2008. Our revenue for the year ended December 31, 2015 was \$147.0 million, representing a compound annual growth rate of 50% from our revenue of \$19.1 million for the year ended December 31, 2010. We have made and expect to continue to make substantial investments in member acquisition and in expanding our operations to support our expected growth. For the year ended December 31, 2015, we had a net loss of \$17.2 million and our accumulated deficit was \$74.4 million at December 31, 2015.

Our Solution

Benefits to Pet Owners

Predictability of costs and peace of mind. Our members can be confident that their pets will be covered in the event of an injury or illness. We pay 90% of the veterinary costs actually charged by the member's chosen veterinarian for all covered claims, less a member's chosen deductible, if any. Our members may obtain treatment from any licensed veterinarian that they select within the United States, Canada or Puerto Rico. Our coverage has no payout limits, is not subject to a lifetime maximum payout, and is not limited by the amount that a veterinarian charges or the treatment that a veterinarian recommends. Our coverage is designed to be comprehensive and provide members with the highest value, not simply the lowest price. Generally, the only costs not covered by our plan are those relating to conditions existing prior to the pet's enrollment, routine or preventative care, including examination fees and taxes.

Exceptional member experience. We are highly focused on providing an exceptional member experience. We offer a simple and easy to understand medical plan. We have designed our claims process to be fair, efficient and transparent. We strive to pay vet invoices directly, often in under five minutes.

Benefits to Veterinarians

Freedom to be the most effective advocate for pets. Our medical plan does not limit how much can be paid for an injury or illness. This provides veterinarians with the freedom to practice veterinary medicine at the highest level and be the most effective advocate for the health of the pets.

More loyal client base. Our members visit veterinarians more frequently, which can generate significantly more annual revenue for veterinarians. Furthermore, pet owners with medical coverage typically spend significantly more on their seriously injured or ill pet. The result is a client base that is more engaged, spends more money on care and has healthier cats and dogs.

Our Strategy

Our strategy is focused on attracting and retaining members by providing a best-in-class value and member experience. We are focused on building a successful long-term business by pursuing the following growth strategies:

Increase the number of referring veterinary practices. We intend to increase the number of veterinary practices that are actively introducing our medical plan to their clients through our Territory Partners and by increasing direct marketing to veterinarians.

Increase the number of referrals from active veterinary practices. We intend to continue increasing the number and quality of interactions that we have with veterinarians to accelerate the rate at which active veterinary practices refer us leads.

Increase the number of third-party referrals from members. We are focused on using innovative technologies to further enhance our member experience, which we believe will foster member referrals. For example, Trupanion Express™ is designed to facilitate the direct payment of invoices to veterinary practices. If widely adopted, Trupanion Express™ would transform the claims process and could increase referrals from pet owners and veterinarians acting as ambassadors for our brand.

Improve online lead generation and conversion. We are investing in our online marketing capabilities, and intend to continue to do so in order to fully capture the online opportunity. Our online marketing initiatives have played an integral role in converting leads to enrolled pets and also generate new leads.

Explore other member acquisition channels. We regularly evaluate new member acquisition channels. We intend to aggressively pursue those channels that we believe could, over time, generate an attractive ratio of lifetime value relative to acquisition cost.

Expand internationally. While we are currently focused on capturing the large opportunity in the U.S. and Canadian markets, we may choose to explore international expansion in the future.

Pursue other revenue opportunities. We may opportunistically engage in other revenue opportunities. For example, American Pet Insurance Company, which we acquired in 2007, has written policies for an unaffiliated general agent since the end of 2012. As the industry grows and other providers consider entering the pet insurance market, we are well positioned to partner with them.

Sales and Marketing

Marketing to Veterinarians

Veterinary practices represent our largest referral source. Forming long-term relationships with veterinarians is critical to our continued success, as we believe veterinary recommendations are highly persuasive to our existing and prospective members and key to increasing overall acceptance of our medical plan. To reach veterinarians effectively, we utilize a national independent referral network of Territory Partners. Territory Partners serve as a critical resource for us, as the market for veterinary services is highly fragmented and includes many sole-owner veterinary practices and small veterinary practices that are difficult to reach. Our Territory Partners are independent contractors who market our medical plan and are paid fees based on activity in their regions. We believe this compensation structure aligns our interests and provides a platform that we can leverage over time.

Sales and Marketing to Pet Owners

We generate leads through a diverse set of third-party referrals and online member acquisition channels, which we then convert into members through our website and contact center.

- ***Referrals from third-parties.*** We actively promote the value of our medical plan with veterinarians, veterinary affiliates (including purchasing groups and other veterinary membership organizations), corporate employee benefit providers, shelters and breeders to introduce our medical plan to their clients.
- ***Online.*** We believe most of our members spend some time researching pet medical coverage online as part of their decision-making process. Online advertising represents a large source of new member enrollments. A significant portion of the members we acquire from online leads come through our paid search marketing, email marketing, social media marketing and search engine optimization initiatives.
- ***Referrals from existing members.*** For the year ended December 31, 2015, 22% of our new pet enrollments were generated from existing members adding a pet and referring their friends and family.

Our Platform and Technology

We are a data and technology-driven company that has devoted significant resources to developing scalable infrastructures that leverage state-of-the-art technology frameworks. We have a team of product and engineering professionals dedicated to enhancing our technology platform and developing new solutions for pet owners and veterinarians.

Our team has developed proprietary, in-house software that forms the backbone of our unique technology platform:

Analytics and pricing engine. Our dynamic analytics platform draws on our extensive library of proprietary data to effectively and accurately price subscriptions to our medical plan. We leverage a broad range of information, including species, breed, age, gender and pet location. As data collection is a key part of our research and development process, we are constantly looking for new and relevant data to collect and shape for this purpose.

Trupanion Express™. Our software solution for veterinarians facilitates our ability to pay their invoices directly to the veterinarian at the time of service, often in less than five minutes. Trupanion Express™ integrates with veterinarians' practice management software, giving us access to more data, reducing our claims handling expense and giving us the ability to deliver a significantly better experience to our members compared to the traditional reimbursement model.

Trupanion.com. Our website provides a simple interface between Trupanion, consumer and business audiences, which removes the need for complex steps during the enrollment process. Built using digital asset management and customer relationship management system technologies, the site provides a custom-built user experience for each user based on who the user is and how the user arrived at the site.

Competition

We compete with consumers that self-fund veterinary costs with cash or credit, as well as traditional "pet insurance" providers and new entrants to our market. The vast majority of pet owners in the United States and Canada do not currently have medical coverage for their pets. We are primarily focused on expanding the overall size of the market by improving the value proposition for consumers. We view our primary competitive challenge as educating pet owners on why our medical plan is a better alternative to self-funding.

Additionally, there are traditional insurance companies that provide pet insurance products, either as a stand-alone product or along with a broad range of other insurance products. The largest of these traditional providers is Nationwide (formerly Veterinary Pet Insurance Company), a division of Nationwide Insurance. In addition, new entrants backed by large insurance companies with substantial financial resources have attempted to enter the market in the past and may do so again in the future. Further, traditional providers may consolidate, resulting in the emergence of new providers that are vertically integrated or able to create other operational efficiencies, which could lead to increased competition. We believe that we have competitive strengths that position us favorably related to existing and potential competitors, including a superior value proposition for pet owners due in part to our vertically integrated structure that reduces frictional costs, a unique member acquisition strategy using territory partners that has taken 16 years to develop, a proprietary database containing 16 years of historical data that provides actionable data insights, powerful technology infrastructure and an experienced management team.

Intellectual Property

We rely on federal, state, common law and international rights, as well as contractual restrictions, to protect our intellectual property. We control access to our proprietary technology, software and documentation by entering into confidentiality and invention assignment agreements with our employees and contractors, and confidentiality agreements with third parties, such as service providers, vendors, individuals and entities that may be exploring a business relationship with us.

In addition to these contractual arrangements, we also rely on a combination of intellectual property rights, including trade secrets, patents, copyrights, trademarks and domain names, as well as contractual protections, to establish and protect our intellectual property. As of December 31, 2015, we had three pending patent applications in the United States, one pending patent application in Canada, one pending patent application in Brazil, one pending patent application in Japan, one pending patent application in China, one pending international patent filed under the Patent Cooperation Treaty, one pending patent application and one issued patent in Europe. We also had five registered trademarks in the United States, including "Trupanion," and five additional trademark applications. We had one registered trademark in Canada, and have and two additional trademark applications. Many of our unregistered trademarks, however, contain words or terms having a common usage and, as a result, may not be protectable under applicable law. We also currently hold the "Trupanion.com" Internet domain name and numerous other related domain names.

Employees

As of December 31, 2015, we had 439 employees. We have not experienced any work stoppages, and we consider our relations with our employees to be good.

Regulation

Each U.S. state, the District of Columbia and U.S. territories and possessions, as well as all of the Canadian provinces, have insurance laws that apply to companies licensed to transact insurance business in the jurisdiction. The primary regulator of an insurance company, however, is located in its state of domicile. Our underwriting subsidiary American Pet Insurance Company (APIC) is domiciled in New York State and its primary regulator is therefore the New York Department of Financial Services (NY DFS). APIC is currently licensed to do business in all 50 states, Puerto Rico and the District of Columbia in the United States. As such, APIC is subject to comprehensive regulation and supervision under U.S. state and federal laws.

State insurance regulators have broad authority with respect to all aspects of the insurance industry, including the following:

- licensing of APIC to transact its line of business and approval and issuance of its certificate of authority;
- establishing minimum levels of capital and reserves required by APIC to operate as an ongoing insurance company;
- assessing the officers and directors of APIC to ensure a minimum level of competency and trustworthiness;
- licensing of individual producers and agents and business entities marketing and selling insurance products and of claims adjusters settling claims;
- admittance of assets to statutory surplus and regulating the type of investments in which APIC can invest;
- regulating premium rate levels for the insurance products APIC offers;
- approving policy forms APIC issues;
- regulating unfair trade and claims practices; and
- establishing reserve requirements and solvency standards.

Regulators also have broad authority to conduct on-site market conduct examinations of our management and operations, marketing and sales, underwriting, customer service, claims handling and licensing. Market conduct examinations can involve direct, on-site contact with a company to identify potential regulatory violations, discuss and correct an identified problem or obtain a better understanding of how the company is operating in the marketplace.

Adverse state insurance regulatory actions could include limiting APIC's ability to write new policies, limiting APIC's ability to effect rate increases or to cancel, reduce or non-renew insurance coverage with respect to existing policies, disallowing premium increases or policy coverage amendments APIC seeks, reviewing the adequacy and appropriateness of our insurance products before they can be made available to our members and restricting marketing and sales by our referral sources, contact centers and producers.

State insurance laws and regulations in the United States require APIC to file financial statements with state insurance regulators everywhere it is licensed and its operations and accounts are subject to examination at any time. APIC's statutorily required financial statements are available to the public. APIC prepares statutory financial statements in accordance with accounting practices and procedures prescribed or permitted by these regulators. The National Association of Insurance Commissioners (NAIC) has approved a series of uniform statutory accounting principles (SAP) that have been adopted, in some cases with minor modifications, by all state insurance regulators. As a basis of accounting, SAP was developed to monitor and regulate the solvency of insurance companies. In developing SAP, insurance regulators were primarily concerned with assuring an insurer's ability to pay all its current and future obligations to policyholders. As a result, statutory accounting focuses on conservatively valuing the assets and liabilities of insurers, generally in accordance with standards specified by the insurer's domiciliary state. The values for assets, liabilities and equity reflected in financial statements prepared in accordance with U.S. generally accepted accounting principles are usually different from those reflected in financial statements prepared under SAP.

In Canada, our plan is written by an unaffiliated Canadian-licensed insurer, Omega General Insurance Company (Omega). Under the terms of our agreements with Omega, our subsidiary Trupanion Brokers Ontario acts as a general agent through a fronting and reinsurance agreement with Omega pursuant to which Trupanion retains any financial risk associated with our Canadian business. Effective January 1, 2015, this agreement was restructured to include our segregated cell business, Wyndham Segregated Account AX (WICL), located in Bermuda. These restructured agreements may be terminated by either party with one year's written notice until they terminate pursuant to their terms on December 31, 2017, at which time they will automatically renew for successive one-year periods and remain terminable by either party with one year's written notice. Omega's Canadian insurance operations are supervised and regulated by the Canadian federal, provincial and territorial governments. Omega is a fully licensed insurer in all of the Canadian provinces and territories in which we do business.

Though we are not directly regulated by the Bermuda Monetary Authority (BMA), WICL's regulation and compliance impacts us as it could have an adverse impact on the ability of Segregated Account AX to pay dividends. WICL is regulated by the BMA under the Insurance Act of 1978 (Insurance Act) and the Segregated Accounts Company Act of 2000. The Insurance Act imposes on Bermuda insurance companies solvency and liquidity standards, certain restrictions on the declaration and payment of dividends and distributions, certain restrictions on the reduction of statutory capital, and auditing and reporting requirements, and grants BMA the powers to supervise and, in certain circumstances, to investigate and intervene in the affairs of insurance companies. Under the Insurance Act, WICL as a class 3 insurer is required to maintain available statutory capital and surplus at a level equal to or in excess of a prescribed minimum established by reference to net written premiums and loss reserves.

Under the Bermuda Companies Act of 1981, as amended, a Bermuda company may not declare or pay a dividend or make a distribution out of contributed surplus if there are reasonable grounds for believing that: (a) the company is, or would after the payment be, unable to pay its liabilities as they become due; or (b) the realizable value of the company's assets would thereby be less than its liabilities. The Segregated Accounts Company Act of 2000 further requires that dividends out of a segregated account can only be paid to the extent that the cell remains solvent and the value of its assets remain greater than the aggregate of its liabilities and its issued share capital and share premium accounts.

Insurance Holding Company Regulation

APIC is subject to laws governing insurance holding companies in New York, its state of domicile. These laws impact us in a number of ways, including the following:

- We must file periodic information reports with the NY DFS, including information concerning our capital structure, ownership, financial condition and general business operations.
- New York regulates certain transactions between APIC and our other affiliated entities, including the fee levels payable by APIC to affiliates that provide services to APIC.
- New York law restricts the ability of any one person to acquire certain levels of our voting securities without prior regulatory approval. State insurance holding company regulations generally provide that no person, corporation or other entity may acquire control of an insurance company, or a controlling interest in any parent company of an insurance company, without the prior approval of such insurance company's domiciliary state insurance regulator. Any person acquiring, directly or indirectly, 10% or more of the voting securities of an insurance company is presumed to have acquired "control" of the company. To obtain approval of any change in control, the proposed acquirer must file with the applicable insurance regulator an application disclosing, among other information, its background, financial condition, the financial condition of its affiliates, the source and amount of funds by which it will effect the acquisition, the criteria used in determining the nature and amount of consideration to be paid for the acquisition, proposed changes in the management and operations of the insurance company and other related matters. In considering an application to acquire control of an insurer, the insurance commissioner generally will consider such factors as the experience, competence and financial strength of the applicant, the integrity of the applicant's board of directors and executive officers, the acquirer's plans for the management and operation of the insurer and any anti-competitive results that may arise from the acquisition.
- New York law restricts the ability of APIC to pay dividends to its holding company parent. These restrictions are based in part on the prior year's statutory income and surplus. In general, dividends up to specified levels are considered ordinary and may be paid without prior approval, and dividends in larger amounts, or extraordinary dividends, are subject to approval by the NY DFS. An extraordinary dividend or distribution is defined as a dividend or distribution that, in the aggregate in any 12-month period exceeds the lesser of (i) 10% of surplus as of the preceding December 31 or (ii) the insurer's adjusted net investment income for such 12-month period, not including realized capital gains.

Financial Regulation of Insurers

Risk-Based Capital Requirements

The NAIC has adopted risk-based capital requirements for life, health and property and casualty insurance companies. Refer to "Item 1A. Risk Factors" for details of these requirements.

NAIC Insurance Regulatory Information Systems Ratios

The NAIC has developed a set of financial relationships or tests known as the Insurance Regulatory Information System, or IRIS, to assist state regulators in monitoring the financial condition of U.S. insurance companies and identifying companies requiring special attention or action. IRIS consists of a statistical phase and an analytical phase whereby financial examiners review insurers' annual statements and financial ratios. The statistical phase consists of 12 key financial ratios based on year-end data that are generated from the NAIC database annually; each ratio has a "usual range" of results. For IRIS ratio purposes, APIC submits data annually to state insurance regulators who then analyze our data using prescribed financial data ratios. A ratio falling outside the prescribed "usual range" is not considered a failing result. Rather, unusual values are viewed as part of the regulatory early monitoring system. In many cases, it is not unusual for financially sound companies to have one or more ratios that fall outside the usual range. As of December 31, 2015, APIC had three such ratios outside the usual range, relating to net premiums written to surplus, change in net premiums written and investment yield.

Regulators may investigate or monitor an insurance company if its IRIS ratios fall outside the prescribed usual range. The inquiries made by state insurance regulators into an insurance company's IRIS ratios can take various forms. In some instances, regulators may require the insurance company to provide a written explanation as to the causes of the particular ratios being outside the usual range, management's actions to produce results that will be within the usual range in future years and what, if any, actions the insurance company's domiciliary state insurance regulators have taken. Regulators are not required to take action if an IRIS ratio is outside the usual range, but, depending on the nature and scope of the particular insurance company's exception, regulators may request additional information to monitor going forward and, as a consequence, may take additional regulatory action.

Insurance Guaranty Associations, Residual Markets, Wind Pools and State-specific Reinsurance Mechanisms

Most jurisdictions in which we operate have laws or regulations that require insurance companies doing business in the state to participate in various types of guaranty associations or other similar arrangements designed to protect policyholders from losses under insurance policies issued by insurance companies that become impaired or insolvent. Typically, these associations levy assessments, up to prescribed limits, on member insurers on the basis of the member insurer's proportionate share of the business in the relevant jurisdiction in the lines of business in which the impaired or insolvent insurer is engaged. Some jurisdictions permit member insurers to recover assessments that they paid through full or partial premium tax offsets, usually over a period of years.

Some states in which APIC operates have residual markets, wind pools or state reinsurance mechanisms. The general intent behind these is to provide coverage to individuals and businesses that cannot find coverage in the private marketplace. The intent of state-specific reinsurance mechanisms generally is to stabilize the cost of, and ensure access to, reinsurance for admitted insurers writing business in the state. Historically, APIC has had minimal financial exposure to guaranty associations, residual markets, wind pools and state-specific reinsurance mechanisms; however there is no guarantee that these items will continue to be of low financial impact to APIC.

Licensing of Producers and Other Entities

Insurance agencies, producers, third-party administrators, claims adjusters, service providers and administrators are subject to licensing requirements and regulation by insurance regulators in various jurisdictions in which they conduct business. If any of our subsidiaries, referral sources, contact centers or service providers engage in these functions, they will be subject to licensing requirements and regulation by insurance regulators in various jurisdictions. If a subsidiary, referral source, contact center or service provider does not comply with licensing requirements and regulation by any insurance regulator, such insurance regulator could penalize such entity, including restricting certain activity of such entity.

Federal Initiatives

The U.S. federal government generally does not directly regulate the insurance business. From time to time, various regulatory and legislative changes have been proposed in the insurance industry. Among the proposals that have in the past been, or are at present being, considered are the possible introduction of federal regulation in addition to, or in lieu of, the current system of state regulation of insurers and proposals in various state legislatures (some of which have been enacted) to conform portions of their insurance laws and regulations to various model acts adopted by the NAIC. The NAIC has undertaken a Solvency Modernization Initiative focused on updating the U.S. insurance solvency regulation framework, including capital requirements, governance and risk management, group supervision, accounting and financial reporting and reinsurance. The NAIC Amendments are a result of these efforts. Additional requirements are also expected.

In July 2010, the Dodd-Frank Wall Street Reform and Consumer Protection Act (Dodd-Frank Act) established a Federal Insurance Office within the U.S. Department of the Treasury. The Federal Insurance Office initially is charged with monitoring all aspects of the insurance industry (other than health insurance, certain long-term care insurance and crop insurance), gathering data and conducting a study on methods to modernize and improve the insurance regulatory system in the United States. It is not possible to predict whether, in what form or in what jurisdictions any of these proposals might be adopted, or the effect federal involvement in insurance will have, if any, on us.

Privacy and Data Collection Regulation

There are numerous federal, state and foreign laws regarding privacy and the protection of member data. The regulatory environment in this area for online businesses is very unsettled in the United States and internationally and new legislation is frequently being proposed and enacted.

In the area of information security and data protection, many states have passed laws requiring notification to users when there is a security breach for personal data, such as the Massachusetts Data Breach Notification Law, or requiring the adoption of minimum information security standards that are often vaguely defined and difficult to practically implement. In addition, our operations subject us to certain payment card association operating rules, certification requirements and rules, including the Payment Card Industry Data Security Standard, a security standard for companies that collect, store or transmit certain data regarding credit and debit cards, credit and debit card holders and credit and debit card transactions.

Despite our efforts to protect our proprietary rights, unauthorized parties may attempt to copy or obtain and use our technology or data to develop products that may compete with our offerings. Policing unauthorized use of our technology or data is difficult. The laws of other countries in which we market our medical plan may offer little or no effective protection of our proprietary technology. Our competitors could also independently develop technologies equivalent to ours, and our intellectual property rights may not be broad enough for us to prevent competitors from selling products incorporating those technologies.

Companies in our industry and in other industries may own a large number of patents, copyrights and trademarks and may frequently request license agreements, threaten litigation or file suit against us based on allegations of infringement or other violations of intellectual property rights. From time to time, we face, and we expect to face in the future, allegations that we have infringed the trademarks, copyrights, patents and other intellectual property rights of third parties, including our competitors. As we face increasing competition and as our business grows, we will likely face more claims of infringement.

Information About Segments and Geographic Revenue

Information about segments and geographic revenue is set forth in Note 13 of the Notes to Consolidated Financial Statements under Item 8 of this Annual Report on Form 10-K. In addition, financial information regarding our operations, assets and liabilities, including our total net revenue and net loss for the years ended December 31, 2015, 2014 and 2013 and our total assets as of December 31, 2015 and 2014, is included in our Consolidated Financial Statements under Item 8 of this Annual Report on Form 10-K.

Corporate Information

We were founded in Canada in 2000 as Vetinsurance Ltd. In 2006, we effected a business reorganization whereby Vetinsurance Ltd. became a consolidated subsidiary of Vetinsurance International, Inc., a Delaware corporation. In 2007, we began doing business as Trupanion. In 2013, we formally changed our name from Vetinsurance International, Inc. to Trupanion, Inc. Our principal executive offices are located at 907 NW Ballard Way, Seattle, Washington 98107, and our telephone number is (855) 268-9606. Our website address is www.trupanion.com. Information contained on, or that can be accessed through, our website is not incorporated by reference into this prospectus, and you should not consider information on our website to be part of this Annual Report on Form 10-K.

Available Information

We are required to file annual, quarterly and other reports, proxy statements and other information with the Securities and Exchange Commission (SEC) under the Securities Exchange Act of 1934, as amended (Exchange Act). We also make available, free of charge on the investor relations portion of our website at investors.trupanion.com, our annual report on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K, and amendments to those reports filed or furnished pursuant to Section 13(a) or 15(d) of the Exchange Act as soon as reasonably practicable after they are filed electronically with the SEC. You can inspect and copy our reports, proxy statements and other information filed with the SEC at the offices of the SEC's Public Reference Room located at 100 F Street, NE, Washington D.C 20549 on official business days during the hours of 10 a.m. to 3 p.m. Eastern time. Please call the SEC at 1-800-SEC-0330 for further information on the operation of the Public Reference Rooms. The SEC also maintains an Internet website at www.sec.gov/ where you can obtain our SEC filings. You can also obtain paper copies of these reports, without charge, by contacting Investor Relations at InvestorRelations@Trupanion.com.

Item 1A. Risk Factors

Investing in our common stock involves a high degree of risk. You should carefully consider the risks and uncertainties described below, together with all of the other information in this report, including our consolidated financial statements and related notes, as well as in our other filings with the SEC, in evaluating our business and before investing in our common stock. The risks and uncertainties described below are not the only ones we face. Additional risks and uncertainties that are not expressly stated, that we are unaware of, or that we currently believe are not material, may also become important factors that affect us. If any of the following risks occur, our business, operating results, financial condition and prospects could be materially harmed. In that event, the price of our common stock could decline, and you could lose part or all of your investment.

Risks Related to Our Business and Industry

We have incurred significant net losses since our inception and may not be able to achieve or maintain profitability in the future.

We have incurred significant net losses since our inception. We had a net loss of \$17.2 million for the year ended December 31, 2015. Additionally, as of December 31, 2015, our accumulated deficit was \$74.4 million. We have funded our operations through equity financings and borrowings under a revolving line of credit and term loans. We may not be able to achieve or maintain profitability in the near future or at all. Our recent growth, including our growth in revenue and membership, may not be sustainable or may decrease, and we may not generate sufficient revenue to achieve or maintain profitability. Additionally, our expense levels are based, in significant part, on our estimates of future revenue and many of these expenses are fixed in the short term. As a result, we may be unable to adjust our spending in a timely manner if our revenue falls short of our expectations. Accordingly, any significant shortfall of revenue in relation to our estimates could have an immediate negative effect on our financial results.

We have made and plan to continue to make significant investments to grow our member base. Our average pet acquisition cost and the number of new pets we enroll depends on a number of factors, including the effectiveness of our sales execution and marketing initiatives, changes in costs of media, the mix of our sales and marketing expenditures and the competitive environment. Our average pet acquisition cost has in the past significantly varied and in the future may significantly vary from period to period based upon specific marketing initiatives. We also regularly test new member acquisition channels and marketing initiatives, which often are more expensive than our traditional marketing channels and generally increase our average acquisition costs. We plan to expand the number of Territory Partners we use to reach veterinarians and other referral sources and to engage in other marketing activities, including direct to consumer advertising, which are likely to increase our acquisition costs.

We expect to continue to make significant expenditures to maintain and expand our business, including expenditures relating to the acquisition of new members, retention of our existing members and development and implementation of our technology platforms. These increased expenditures will make it more difficult for us to achieve and maintain future profitability. Our ability to achieve and maintain profitability depends on a number of factors, including our ability to attract and service members on a profitable basis. If we are unable to achieve or maintain profitability, we may not be able to execute our business plan, our prospects may be harmed and our stock price could be materially and adversely affected.

We base our decisions regarding our member acquisition expenditures primarily on the projected lifetime value of the pets that we expect to acquire. Our estimates and assumptions may not accurately reflect our future results, we may overspend on member acquisition and we may not be able to recover our member acquisition costs or generate profits from these investments.

We invest significantly in member acquisition. We spent \$15.2 million on sales and marketing to acquire new members for the year ended December 31, 2015. We expect to continue to spend significant amounts to acquire additional members. We utilize Territory Partners, who are paid fees based on activity in their regions, to communicate the benefits of our medical plan to veterinarians through in-person visits. Veterinarians then educate pet owners, who visit our website or call our contact center to learn more about, and potentially enroll in, our medical plan. We also invest in other third-party referrals and direct to consumer member acquisition channels, though we have limited experience with some of them.

We base our decisions regarding our member acquisition expenditures primarily on the lifetime value of the pets that we project to acquire. This analysis depends substantially on estimates and assumptions based on our historical experience with pets enrolled in earlier periods, including our key financial and operating metrics described in “Management’s Discussion and Analysis of Financial Condition and Results of Operations—Key Financial and Operating Metrics.”

If our estimates and assumptions regarding the lifetime value of the pets that we project to acquire and our related decisions regarding investments in member acquisition prove incorrect, or if the expected lifetime value of the pets that we project to acquire differs significantly from that of pets acquired in prior periods, we may be unable to recover our member acquisition costs or generate profits from our investment in acquiring new members. Moreover, if our member acquisition costs increase or we invest in member acquisition channels that do not ultimately result in any or an adequate number of new member enrollments, the return on our investment may be lower than we anticipate irrespective of the lifetime value of the pets that we project to acquire as a result of the new members. If we cannot generate profits from this investment, we may need to alter our growth strategy, and our growth rate and operating results may be adversely affected.

If we are unable to maintain high member retention rates, our growth prospects and revenue will be adversely affected.

We have historically experienced high average monthly retention rates. For example, our average monthly retention rate was 98.6% in 2015. If our efforts to satisfy our existing members are not successful, we may not be able to maintain our retention rates. Members we obtain through aggressive promotions or other channels that involve relatively less meaningful contact between us and the member may be more likely to terminate their medical plan subscription. In the past we have experienced reduced retention rates during periods of rapid member growth, as our retention rate generally has been lower during the first year of member enrollment. Members may choose to terminate their medical plan subscription for a variety of reasons, including increased subscription fees, perceived or actual lack of value, delays or other unsatisfactory experiences in claims administration, unsatisfactory member service, an economic downturn, loss of a pet, a more attractive offer from a competitor, changes in our medical plan or other reasons, including reasons that are outside of our control. When a member terminates his or her medical plan subscription, we no longer receive the related revenue and may not be able to recover the member acquisition cost or other expenses, including claims expenses, related to that member. Our cost of acquiring a new member is substantially greater than the cost involved in maintaining our relationship with an existing member. If we are not able to successfully retain existing members and limit medical plan subscription terminations, our revenue and operating margins will be adversely impacted and our business, operating results and financial condition would be harmed.

The prices of our medical plan subscriptions are based on assumptions and estimates and may be subject to regulatory approvals. If our actual experience differs from the assumptions and estimates used in pricing our medical plan subscriptions or if we are unable to obtain any necessary regulatory pricing approvals we need, at all or in a timely manner, our revenue and financial condition could be adversely affected.

The pricing of our medical plan subscriptions reflect expected claim payment patterns derived from assumptions that we make regarding a number of factors, including a pet's species, breed, age, gender and location. Factors related to pet location include the current and assumed changes in the cost and availability of veterinary technology and treatments and local veterinary practice preferences. The prices of our medical plan subscriptions also include assumptions and estimates regarding our own operating costs and expenses. We monitor and manage our pricing and overall sales mix to achieve target returns. Profitability from new members emerges over a period of years depending on the nature and length of time a pet is enrolled in our medical plan, and is subject to variability as actual results may differ from pricing assumptions. If the subscription fees we collect are insufficient to cover actual claim costs, operating costs and expenses within anticipated pricing allowances, or if our member retention rates are not high enough to ensure recovery of member acquisition costs, then our gross profit could be adversely affected and our revenue may be insufficient to achieve profitability. Conversely, if our pricing assumptions differed from actual results such that we overpriced risks, our competitiveness and growth prospects could be adversely affected. Further, even if our pricing assumptions are accurate, we may not be able to obtain the necessary regulatory approvals for any pricing changes that we may determine are appropriate based on our pricing assumptions, which could prevent us from obtaining sufficient revenue from medical plan subscriptions to cover claims expenses, pet acquisition costs and other expenses in any such jurisdiction unless and until such regulatory approvals are obtained in appropriate amounts.

The anticipated benefits of our analytics platform may not be fully realized.

Our analytics platform draws upon our proprietary pet data to price our medical plan subscriptions. The assumptions we make about breeds and other factors in pricing medical plan subscriptions may prove to be inaccurate, and, accordingly, these pricing analytics may not accurately reflect the claims expense that we will ultimately incur. Furthermore, if any of our competitors developed similar or better data systems, adopted similar or better underwriting criteria and pricing models or received our data, our competitive advantage could decline or be lost.

Our actual claims expenses may exceed our current reserve established for claims and may adversely affect our operating results and financial condition.

As of December 31, 2015, our claims reserve was \$6.3 million. Our recorded claims reserve is based on our best estimates of claims, both reported and incurred but not reported, after considering known facts and interpretations of circumstances. We consider internal factors, including data from our proprietary data analytics platform, experience with similar cases, actual claims paid, historical trends involving claim payment patterns, pending levels of unpaid claims, claims management programs and contractual terms. We may also consider external factors, including changes in the law, court decisions, changes to regulatory requirements and economic conditions. Because reserves are estimates of the unpaid portion of claims that have occurred, including claims incurred but not reported, the establishment of appropriate reserves is an inherently uncertain and complex process that involves significant subjective judgment. Further, we do not transfer or cede our risk as an insurer and, therefore, we maintain more risk than we would if we purchased reinsurance. The ultimate cost of claims may vary materially from recorded reserves, and such variance may result in adjustments to the claims reserve, which could have a material effect on our operating results.

We rely significantly on Territory Partners, veterinarians and other third parties to recommend our medical plan to potential members.

We rely significantly on Territory Partners and other third parties to cultivate direct veterinary relationships and build awareness of the benefits that our medical plan offers veterinarians and their clients. In turn, we rely on veterinarians to introduce and refer our medical plan to their clients. We also rely significantly on other third parties, such as existing members, online and offline businesses, animal shelters, breeders and veterinary affiliates, including veterinarian purchasing groups and associations, to help generate leads for our medical plan subscriptions. Veterinary practices represent our largest member acquisition channel, accounting for approximately 75% of our enrollments in the year ended December 31, 2015, excluding existing members adding pets and referring their friends and family members. Many factors influence the success of our relationships with these referral sources, including:

- the continued positive market presence, reputation and growth of our company and of the referral sources;
- the effectiveness of referral sources;
- the decision of any such referral source to support one or more of our competitors;
- the interest of the referral sources' customers or clients in the medical plan we offer;
- the relationship and level of trust between Territory Partners and veterinarians, and between us and the referral source;
- the percentage of the referral sources' customers or clients that submit applications or use trial certificates to enroll in a medical plan through our website or contact center;
- our ability to implement or maintain any marketing programs, including trial certificates, in any jurisdiction; and
- our ability to work with the referral source to implement any changes in our marketing initiatives, including website changes, infrastructure and technology and other programs and initiatives necessary to generate positive consumer experiences.

In order for us to implement our business strategy and grow our revenue, we must effectively maintain and increase the number and quality of our relationships with Territory Partners, veterinarians and other referral sources, and continue to scale and improve our processes, programs and procedures that support them. Those processes, programs and procedures could become increasingly complex and difficult to manage. We expend significant time and resources attracting qualified Territory Partners and providing them with complete and current information about our business. Their relationship with us may be terminated at any time, and, if terminated, we may not recoup the costs associated with educating them about our medical plan or be able to maintain any relationships they may have developed with veterinarians within their territories. Further, if we experience an increase in the rate at which Territory Partner relationships are terminated, we may not develop or maintain relationships with veterinarians as quickly as we have in the past. If the financial cost to maintain our relationships with Territory Partners outweighs the benefits provided by Territory Partners, or if they feel unsupported or undervalued by us and terminate their relationship with us, our growth and financial performance could be adversely affected.

The success of our relationships with veterinary practices depends on the overall value our medical plan can provide to veterinarians. If the scope of our medical plan coverage is perceived to be inadequate or our claims settlement process is unsatisfactory to the veterinarian's clients because, for example, our coverage is insufficient, member requests for reimbursement are denied or we fail to timely settle and pay veterinary invoices, veterinarians may be unwilling to recommend our medical plan to their clients and they may encourage their existing clients who have subscribed to our medical plan to stop subscribing to our medical plan or to purchase a competing product. If veterinarians determine our medical plan is unreliable, cumbersome or otherwise does not provide sufficient value, they may terminate their relationship with us or begin recommending a competing product, which could negatively impact our ability to increase our member base and grow our business.

If we fail to establish or are unable to maintain successful relationships with Territory Partners, veterinarians and other referral sources, or experience an increase in the rate at which any of these relationships are terminated, it could negatively impact our ability to increase and retain our member base and our financial results. If we are unable to maintain our existing member acquisition channels and/or continue to add new member acquisition channels, if the cost of our existing sources increases or does not scale as we anticipate, or if we are unable to continue to use any existing channels or programs in any jurisdiction, including our trial certificate program, our member levels and sales and marketing expenses may be adversely affected.

Territory Partners are independent contractors and, as such, may pose additional risks to our business.

Territory Partners are independent contractors and, accordingly, we are not in a position to provide the same direction, motivation and oversight over Territory Partners as we otherwise could if Territory Partners were our own employees. Territory Partners may decide not to participate in our marketing initiatives or training opportunities, accept our introduction of new solutions or comply with our policies and procedures applicable to the Territory Partners, any of which may adversely affect our ability to develop relationships with veterinarians and grow our membership. Our sole recourse against Territory Partners who fail to perform is to terminate their contract, which could also trigger contractually obligated termination payments or result in disputes, including threatened or actual legal or regulatory proceedings. In addition, termination of these contracts may trigger termination penalties that obligate us to pay significantly more than the amounts that otherwise would have been paid to the terminated Territory Partner.

We believe that Territory Partners are not and should not be classified as employees under existing interpretations of the applicable laws of the jurisdictions in which we operate. We do not pay or withhold any employment tax with respect to or on behalf of Territory Partners or extend any benefits to them that we generally extend to our employees, and we otherwise treat Territory Partners as independent contractors. Applicable authorities or the Territory Partners have in the past questioned and may in the future challenge this classification. Further, the applicable laws or regulations, including tax laws or interpretations, may change. If it were determined that we had misclassified any of our Territory Partners, we may be subjected to penalties or be required to pay withholding taxes for, extend employee benefits to, provide compensation for unpaid overtime to, or otherwise incur substantially greater expenses with respect to, Territory Partners.

Any of the foregoing circumstances could have a material adverse impact on our operating results and financial condition.

Our member base has grown rapidly in recent periods, and we may not be able to maintain the same rate of membership growth.

Our ability to grow our business and to generate revenue depends significantly on attracting new members. For the year ended December 31, 2015, we generated 91% of our revenue from medical plan subscriptions. In order to continue to increase our membership, we must continue to offer a medical plan that provides superior value to our members. Our ability to continue to grow our membership will also depend in part on the effectiveness of our sales and marketing programs. Our member base may not continue to grow or may decline as a result of increased competition or the maturation of our business.

We may not maintain our current rate of revenue growth.

Our revenue has increased quickly and substantially in recent periods. We believe that our continued revenue growth will depend on, among other factors, our ability to:

- improve our market penetration through efficient and effective sales and marketing programs to attract new members;
- maintain high retention rates;
- increase the lifetime value per pet;
- maintain positive relationships with veterinarians and other referral sources, and convince them to recommend our medical plan;
- maintain positive relationships with and increase the number and efficiency of Territory Partners;
- continue to offer a superior value medical plan with competitive features and rates;
- accurately price our medical plan subscriptions in relation to actual membership claims costs and operating expenses;

- provide our members with superior member service, including a timely and efficient claims experience and by recruiting, integrating and retaining skilled and experienced claims personnel who can appropriately and efficiently adjudicate member claims;
- generate new and maintain existing relationships and programs in our other business segment;
- recruit, integrate and retain skilled, qualified and experienced sales department professionals who can demonstrate our value proposition to new and existing members;
- react to changes in technology and challenges in the industry, including from existing and new competitors;
- increase awareness of and positive associations with our brand; and
- successfully respond to any regulatory matters and defend any litigation.

You should not rely on our historical rate of revenue growth as an indication of our future performance.

Our use of capital may be constrained by risk-based capital regulations.

Our subsidiary, American Pet Insurance Company, is subject to risk-based capital regulations that require us to maintain certain levels of surplus to support our overall business operations in consideration of our size and risk profile. We have in the past and may in the future fail to maintain the amount of risk-based capital required to avoid additional regulatory oversight, which was \$24.5 million as of December 31, 2015. To comply with these regulations and our related contractual obligations, we may be required to maintain capital that we would otherwise invest in our growth and operations, which may require us to modify our operating plan or marketing initiatives, delay the implementation of new solutions or development of new technologies, decrease the rate at which we hire additional personnel and enter into relationships with Territory Partners, incur indebtedness or pursue equity or debt financings or otherwise modify our business operations, any of which could have a material adverse effect on our operating results and financial condition.

Unexpected increases in the severity or frequency of claims may negatively impact our operating results.

Unexpected changes in the severity or frequency of claims may negatively impact our operating results. Changes in claims severity are driven primarily by inflation in the cost of veterinary care and the increasing availability and usage of expensive, technologically advanced medical treatments. Increases in claims severity also could arise from unexpected events that are inherently difficult to predict, such as a pandemic that spreads through the pet population, tainted pet food or supplies or an unusually high number of serious injuries or illnesses. Our loss management initiatives may not successfully or timely identify or mitigate any such future increases in claim severity. In addition, we may experience volatility in claim frequency from time to time, and short-term trends may not continue over the longer term. The frequency of claims may be affected by the level of care and attentiveness an owner provides to the pet, the pet's breed and age and other factors outside of our control, as well as fluctuations in member retention rates and by new member initiatives that encourage more frequent claims and other new member acquisition activities. A significant increase in claim severity or frequency could increase our cost of revenue and have a material adverse effect on our financial condition.

Changes in the Canadian currency exchange rate may adversely affect our revenue and operating results.

We offer our medical plan in Canada, which exposes us to the risk of changes in the Canadian currency exchange rates. As of December 31, 2015, approximately 21% of our total revenue was generated in Canada. Fluctuations in the relative strength of the Canadian economy and the Canadian dollar has in the past and could in the future adversely affect our revenue and operating results.

Our success depends on our ability to adjust member claims quickly and accurately.

We must accurately evaluate and quickly pay member claims in a manner that gives them a high satisfaction level. Many factors can affect our ability to pay member claims accurately, quickly and in a manner that gives our members high satisfaction, including the training, experience and skill of our personnel, our ability to reduce the number of claims requests made for non-covered conditions, our ability to recognize and respond to fraudulent or inflated claims requests, the department's culture and the effectiveness of its management, and our ability to develop or select and implement appropriate procedures, technologies and systems to support our member claims functions. Our failure to pay claims requests fairly, accurately and in a timely manner, or to deploy resources appropriately, could result in unanticipated costs to us, lead to material litigation, undermine member goodwill and our reputation, and impair our brand image and, as a result, materially and adversely affect our competitiveness, financial results, prospects and liquidity.

We are and will continue to be faced with many competitive challenges, any of which could adversely affect our prospects, operating results and financial condition.

We compete with pet owners that self-finance unexpected veterinary invoices with savings or credit, as well as traditional "pet insurance" providers and relatively new entrants into our market. The vast majority of pet owners in the United States and Canada do not currently have medical coverage for their pets. We are focused primarily on expanding the overall size of the market, and we view our primary competitive challenge as educating pet owners on why our medical plan is a better alternative to self-financing.

Additionally, there are traditional insurance companies that provide pet insurance products, either as a stand-alone product or along with a broad range of other insurance products. The largest of these traditional "pet insurance" providers is Nationwide Pet (formerly Veterinary Pet Insurance Company), a division of Nationwide Insurance. In addition, new entrants backed by large insurance companies have attempted to enter the pet insurance market in the past and may do so again in the future. Further, traditional "pet insurance" providers may consolidate, resulting in the emergence of new providers that are vertically integrated or able to create other operational efficiencies, which could lead to increased competition.

Some of our current and potential competitors have longer operating histories, larger customer bases, greater brand recognition and significantly greater financial, technical, marketing and other resources than we do. Some of our competitors may be able to undertake more extensive marketing initiatives for their brands and services, devote more resources to website and systems development and make more attractive offers to potential employees, referral sources and third-party service providers.

To compete effectively, we will need to continue to invest significant resources in sales and marketing, in improving the service at our contact center and claims department, in the online experience and functionalities of our website and in other technologies and infrastructure. Failure to compete effectively against our current or future competitors could result in loss of current or potential members, medical plan subscription terminations or a reduction in member retention rates, which could adversely affect our pricing, lower our revenue and prevent us from achieving or maintaining profitability. We may not be able to compete effectively for members in the future against existing or new competitors, and the failure to do so could result in loss of existing or potential members, increased sales and marketing expenses or diminished brand strength, any of which could harm our business.

If we are not successful in cost-effectively converting visitors to our website and contact center into members, our business and operating results would be harmed.

Our growth depends in large part upon growth in our member base. We seek to convert consumers who visit our website and call our contact center into members. The rate at which consumers visiting our website and contact center seeking to enroll in our medical plan are converted into members is a significant factor in the growth of our member base. A number of factors have influenced, and could in the future influence, the conversion rates for any given period, some of which are outside of our control. These factors include:

- the competitiveness of the medical plan we offer, including its perceived value, coverage, simplicity and fairness;
- changes in consumer shopping behaviors due to circumstances outside of our control, such as economic conditions and consumers' ability or willingness to pay for a pet medical plan;
- the quality of and changes to the consumer experience, including on our website or with our contact center or claims department;
- regulatory requirements, including those that make the experience on our website cumbersome or difficult to navigate or that hinder our call center or claims department's ability to speak with potential members quickly and in a way that is conducive to converting leads, enrolling new pets, and/or resolving member concerns;
- system failures or interruptions in the operation of our abilities to write policies or operate our website or contact center; and
- changes in the mix of consumers who are referred to us through various member acquisition channels, such as veterinary referrals, existing members adding a pet and referring their friends and family members and other third-party referrals and online member acquisition channels.

Our ability to convert consumers into members can be impacted by a change in the mix of referrals received through our member acquisition channels. In addition, changes to our website or contact center, or other programs or initiatives we undertake, may adversely impact our ability to convert consumers into members at our current rate, or at all. These changes may have the unintended consequence of adversely impacting our conversion rates. A decline in the percentage of members who enroll in our medical plan on our website or telephonically through our contact center also could result in increased member acquisition costs. To the extent the rate at which we convert consumers into members suffers, the growth rate of our member base may decline, which would harm our business, operating results and financial condition.

We have made and plan to continue to make substantial investments in features and functionality for our website and training and staffing for our contact center that are designed to generate traffic, increase member engagement and improve new and existing member service. These activities do not directly generate revenue, however, and we may never realize any benefit from these investments. If the expenses that we incur in connection with these activities do not result in sufficient growth in members to offset the cost, our business, operating results and financial condition will be adversely affected.

If we are unable to maintain and enhance our brand recognition and reputation, our business and operating results will be harmed.

We believe that maintaining and enhancing our brand recognition and reputation is critical to our relationships with existing members, Territory Partners, veterinarians and other referral sources, and to our ability to attract new members, new Territory Partners, additional supportive veterinarians and other referral sources. We also believe that the importance of our brand recognition and reputation will continue to increase as competition in our market continues to develop and mature. Our success in this area will depend on a wide range of factors, some of which are out of our control, including the following:

- the efficacy and viability of our sales and marketing programs;
- the perceived value of our medical plan;
- quality of service provided by our contact center and claims professionals, including the fairness, ease and timeliness of our claims administration process;
- actions of our competitors, Territory Partners, veterinarians and other referral sources;
- positive or negative publicity, including regulatory pronouncements and material on the Internet or social media;
- regulatory and other government-related developments; and
- litigation-related developments.

The promotion of our brand may require us to make substantial investments, and we anticipate that, as our market becomes increasingly competitive, these branding initiatives may become increasingly difficult and expensive. Our brand promotion activities may not be successful or yield increased revenue, and to the extent that these activities result in increased revenue, the increased revenue may not offset the expenses we incur and our operating results could be harmed. If we do not successfully maintain and enhance our brand, our business may not grow and our relationships with veterinarians and other referral sources could be terminated, which would harm our business, operating results and financial condition.

Furthermore, negative publicity, whether or not justified, relating to events or activities attributed to us, our employees, our strategic partners, our affiliates, or others associated with any of these parties, may tarnish our reputation and reduce the value of our brands. Damage to our reputation and loss of brand equity may reduce demand for our services and have an adverse effect on our business, operating results, and financial condition. Moreover, any attempts to rebuild our reputation and restore the value of our brands may be costly and time consuming, and such efforts may not ultimately be successful.

Our business depends on our ability to maintain and scale the infrastructure necessary to operate our technology platform.

Our business depends on our ability to maintain and scale the infrastructure necessary to operate our technology platform, which includes our analytics and pricing engine, claims management systems, customer relationship management system, contact center phone system and website. We use these technology frameworks to price our medical plan subscriptions, enroll members, engage with current members and administer member claims under our medical plan. Additionally, our members review and purchase subscriptions to our medical plan and submit reimbursement requests through our website and contact center. Our reputation and ability to acquire, retain and serve our members depends on the reliable performance of our technology platform and the underlying network systems and infrastructure, and on providing best-in-class member service, including through our contact center and website. As our member base continues to grow, the amount of information collected and stored on the systems and infrastructure supporting our technology platform will continue to grow, and we expect to require an increasing amount of network capacity, computing power and information technology personnel to develop and maintain our technology platform and service our departments involved in member interaction.

We have made, and expect to continue to make, substantial investments in equipment and related network infrastructure to handle the operational demands on our technology platform, including increasing data collection, software development, traffic on our website and the volume of calls at our contact center. The operation of the systems and infrastructure supporting our technology platform is expensive and complex and could experience operational failures. In the event that our data collection, member base or amount of traffic on these systems grows more quickly than anticipated, we may be required to incur significant additional costs to increase the capacity in our systems. Any system failure that causes an interruption in or decreases the responsiveness of our services could impair our revenue-generating capabilities, harm our business and operating results and damage our reputation. In addition, any loss or mishandling of data could result in breach of confidence, competitive disadvantage or loss of members, and subject us to potential liability. Any failure of the systems and infrastructure that we rely on could negatively impact our enrollments as well as our relationship with members. If we do not maintain or expand the systems and infrastructure underlying our technology platform successfully, or if we experience operational failures, our reputation could be harmed and we could lose current and potential members, which could harm our operating results and financial condition.

We have made, and may continue to make, significant investments in new solutions and enhancements to our technology platform. These new solutions and enhancements may not be successful, and we may not recognize the expected benefits.

We have a team of product and engineering professionals dedicated in part to enhancing our technology platform and developing new solutions. We have made, and may continue to make, significant investments in these new solutions and enhancements. For example, we have made significant investments in Trupanion Express™, which is designed to facilitate the direct payment of invoices to veterinary practices. These development and implementation activities may not be successful, and we may incur delays or cost overruns or elect to curtail our currently planned expenditures related to them. Further, if or when these new solutions or enhancements are introduced, they may not be well received by veterinarians or by new or existing members, particularly if they are costly, cumbersome or unreliable and, even if they are well-received, they may be or become obsolete due to technological reasons or to the availability of alternative solutions in the marketplace. If new solutions and enhancements are not successful on a long-term basis, we may not recognize benefits from these investments, and our business and financial condition could be adversely affected.

If we fail to effectively manage our growth, our business, operating results and financial condition may suffer.

We have recently experienced, and expect to continue to experience, significant growth, which has placed, and may continue to place, significant demands on our management and our operational and financial systems and infrastructure. We expect that our growth strategy will require us to commit substantial financial, operational and technical resources. It may also result in increased costs, including unexpected increases in our underlying costs (such as member acquisition costs or the frequency or severity of claims costs) generated by our new business, which could prevent us from becoming profitable and could impair our ability to compete effectively for pet medical plan business. Additionally, we have in the past, and may in the future, experience increases in medical plan subscription terminations as our membership grows, which negatively affects our retention rate. If we do not effectively manage growth at any time, our financial condition could be harmed and the quality of our services could suffer.

In order to successfully expand our business, we need to hire, integrate and retain highly skilled and motivated employees. We also need to continue to improve our existing systems for operational and financial management. These improvements could require significant capital expenditures and place increasing demands on our management. We may not be successful in managing or expanding our operations or in maintaining adequate financial and operating systems and controls. If we do not successfully implement improvements in these areas, our business, operating results and financial condition will be harmed.

Our operating results may vary, which could cause the trading price of our stock to fluctuate or decline, make period-to-period comparisons less meaningful, and make our future results difficult to predict.

We may experience fluctuations in our revenue, expenses and operating results in future periods. Our operating results may fluctuate in the future as a result of a number of factors, many of which are beyond our control. These fluctuations may lead analysts to change their long-term models for valuing our common stock, cause us to face short-term liquidity issues, impact our ability to retain or attract key personnel or cause other unanticipated issues, all of which could result in declines in our stock price. Moreover, these fluctuations may make comparing our operating results on a period-to-period basis less meaningful and make our future results difficult to predict. You should not rely on our past results as an indication of our future performance. In addition, if revenue levels do not meet our expectations, our operating results and ability to execute on our business plan are likely to be harmed. In addition to the other factors listed in this “Risk Factors” section, factors that could affect our operating results include the following:

- our ability to retain our current members and grow our member base;
- the level of operating expense we elect to incur related to sales and marketing and technology and development initiatives that are discretionary in nature;

- the effectiveness of our sales and marketing programs;
- our ability to improve veterinarians' and other third-parties' willingness to recommend our medical plan;
- the timing, volume and severity of our claims and the adequacy of our claims reserve;
- our ability to accurately price our medical plans;
- regulatory limitations or other constraints on our ability or our willingness to implement pricing changes;
- the level of demand for and the cost of our medical plan subscriptions or those of our competitors;
- fluctuations in applicable foreign currency exchange rates;
- the perceived value of our medical plan to veterinarians and pet owners;
- spending decisions by our members and prospective members;
- our costs and expenses, including pet acquisition costs and claims expenses;
- our ability to expand the scope and efficiency of our Territory Partner network;
- our ability to effectively manage our growth;
- the effects of increased competition in our business;
- our ability to keep pace with changes in technology and our competitors;
- the impact of any security incidents or service interruptions;
- costs associated with defending any regulatory action or litigation or with enforcing our intellectual property, contractual or other rights;
- the impact of economic conditions on our revenue and expenses; and
- changes in government regulation affecting our business.

Seasonal or periodic variations in the behavior of our members also may cause fluctuations in our financial results. Enrollment in our medical plan may be discretionary in nature and may be sporadic, reflecting overall economic conditions, budgeting constraints, pet-buying patterns and a variety of other factors, many of which are outside our control. For example, we expect to experience some effects of seasonal trends in visits to veterinarians in the fourth quarter and in the beginning of the first quarter of each year in connection with the traditional holiday season. While we believe seasonal trends have affected and will continue to affect our quarterly results, our growth may have overshadowed these effects to date. We believe that our business will continue to be subject to seasonality in the future, which may result in fluctuations in our financial results.

Due to these and other factors, our financial results for any quarterly or annual period may not meet our expectations or the expectations of investors or analysts that follow our stock and may not be meaningful indications of our future performance.

Our vertical integration may result in higher costs.

We manage all aspects of our business, including writing our medical plan, implementing our own national independent referral network of Territory Partners, pricing our medical plan subscriptions with our in-house actuarial team, administering claims made with respect to our medical plan, operating our own contact center and owning our own brand. While we believe this vertically integrated approach reduces frictional costs and enhances our members' experiences, third-party providers may, now or in the future, be able to replicate this or a better model, partially or entirely, on a more efficient and effective basis. If our in-house services are or become less efficient or less effective than the same services provided by a third party, we may not realize the related cost savings and may be unable to provide a superior membership experience, which may have an adverse effect on our operating results.

Our forecasts of market growth may prove to be inaccurate, and even if the market for medical coverage for cats and dogs in North America achieves the forecasted growth, our business may not grow at similar rates, if at all.

Growth forecasts are subject to significant uncertainty and are based on assumptions and estimates, which may not prove to be accurate. Although we believe that the North American market for pet medical coverage will grow over time if consumers are offered a high-value product, the market for medical coverage for cats and dogs in North America has been historically growing slowly or stagnant and may not be capable of growing further. Even if this market experiences significant growth, we may not grow our business at similar rates, or at all. For example, the market for medical coverage for cats and dogs in North America has been highly competitive and may become even more competitive in the future. Our growth is subject to many factors, including our success in implementing our business strategy and maintaining our position in a highly competitive market, which are subject to many risks and uncertainties.

We depend on key personnel to operate our business and, if we are unable to retain, attract and integrate qualified personnel, our ability to develop and successfully grow our business could be harmed.

Our success depends to a significant extent on the continued services of our current management team, including Darryl Rawlings, our founder and Chief Executive Officer. The loss of Mr. Rawlings or several other key executives or employees within a short time frame could have a material adverse effect on our business. We employ all of our executive officers and key employees on an at-will basis, and their employment can be terminated by us or them at any time, for any reason and without notice, subject, in certain cases, to severance payment rights. In order to retain valuable employees, in addition to salary and cash incentives, we have provided stock options and restricted stock that vest over time and may in the future grant equity awards tied to company performance. The value to employees of stock options and restricted stock that vest over time will be significantly affected by movements in our stock price that are beyond our control and may at any time be insufficient to maintain their retention benefit or counteract offers from other companies. Additionally, if we were to lose a large percentage of our current employees in a relatively short time period, or our employees were to engage in a work stoppage or unionize, we may be unable to hire and train new employees quickly enough to prevent disruptions in our operations, which may result in the loss of members, Territory Partners or referral sources.

Our success also depends on our ability to attract, retain and motivate additional skilled management personnel. We plan to continue to expand our work force, which we believe will enhance our business and operating results. We believe that there is significant competition for qualified personnel with the skills and knowledge that we require. Many of the other companies with which we compete for qualified personnel have greater financial and other resources than we do. They also may provide more diverse opportunities and better chances for career advancement. Some of these characteristics may be more appealing to high-quality candidates than those we have to offer. If we are unable to attract and retain the necessary qualified personnel to accomplish our business objectives, we may experience constraints that will significantly impede the achievement of our business objectives and our ability to pursue our business strategy. New hires require significant training and, in most cases, take significant time before they achieve full productivity. New employees may not become as productive as we expect, and we may be unable to hire or retain sufficient numbers of qualified individuals. If our recruiting, training and retention efforts are not successful or do not generate a corresponding increase in revenue, our business will be harmed.

If we cannot maintain our corporate culture as we grow, we could lose the innovation, teamwork and focus that contribute crucially to our business.

Our culture is fundamental to our success and defines who we are and how we operate our business. We were founded on a deep appreciation of the special relationship between pet owners, their beloved pets and their trusted veterinarians. We have invested substantial time, energy and resources in developing a culture that fosters teamwork, innovation, creativity and a focus on providing value for our members as well as for Territory Partners and veterinarians. As we develop our infrastructure while we grow, we may find it difficult to maintain these valuable aspects of our corporate culture. Any failure to preserve our culture could negatively impact our future success, including our ability to attract and retain personnel, encourage innovation and teamwork and effectively focus on and pursue our corporate objectives.

We depend on relationships with strategic partners, and our inability to maintain our existing and secure new relationships with strategic partners could harm our revenue and operating results.

A portion of our enrollment leads are attributable to a variety of different types of strategic partnership arrangements. These partnerships involve various risks, depending on their structure, including the following:

- we may be unable to maintain or secure favorable relationships with strategic partners;
- our strategic partners may not be successful in creating leads;
- our strategic partners could terminate their relationships with us;
- we may not experience a consistent correlation between revenues and expenditures related to the partnership, and
- bad publicity and other issues faced by our strategic partners could negatively impact us.

Our business and financial condition is subject to risks related to our writing of policies pursuant to contractual relationships with unaffiliated third parties.

Our other business segment generally includes businesses revenues and expenses involving contractual relationships with unaffiliated third parties and marketing to enterprises. We have relatively limited experience in writing policies for unaffiliated third parties. This business is not expected to grow at the same rate as our core business and may decline. Changes to this business may be volatile due to the nature of the relationships. Further, this business historically has had, and we expect it to continue to have, lower margins than our core business. As a result of this line of business, we are subject to additional regulatory requirements and scrutiny, which increase our costs, risks and may have an adverse effect on our operations. Further, administration of this business and any similar business in the future may divert our time and attention away from our core business, which could adversely affect our operating results in the aggregate.

For example, we have written pet insurance policies for an unaffiliated general agent since 2012. These policies provide different coverage and are subject to materially different terms and conditions than the Trupanion medical plan. Further, the unaffiliated general agent administers these policies and markets them to consumers. For the year ended December 31, 2015, premiums from these policies accounted for 6.7% of our total revenue. This relationship can be terminated by either party and, if terminated, would result in a reduction in our revenue to the extent we cannot enter into another relationship and generate equivalent revenues with a different general agent. In addition, the general agent controls a trust account it maintains on our behalf. If the general agent makes operating decisions that adversely affect its business or brand, our business or brand could also be adversely affected.

In Canada, our medical plan is written by Omega General Insurance Company (Omega). If Omega were to terminate its underwriting arrangement with us, our business could be adversely affected.

In Canada, our medical plan is written by Omega, and we assume all premiums written by Omega and the related claims through an agency agreement and a fronting and administration agreement. These agreements will remain in effect until December 31, 2017 but may be terminated by either party with one year's prior written notice. If Omega were to terminate our agreement or be unable to write insurance for regulatory or other reasons, we may have to terminate subscriptions with our existing members, or suspend member enrollment and renewals in Canada until we entered into a relationship with another third party to write our medical plan, which may take a significant amount of time and require significant expense. We may not be able to enter into a new relationship, and any new relationship would likely be on less favorable terms. Any delay in entry into a new relationship or suspension of member enrollment and renewals could have a material adverse effect on our operating results and financial condition.

If we are unable to implement and maintain effective internal control over financial reporting in the future, investors may lose confidence in the accuracy and completeness of our financial reports and the market price of our common stock may be negatively affected.

We are required to maintain internal control over financial reporting and to report any material weaknesses in such internal control. Section 404 of the Sarbanes-Oxley Act of 2002 (the Sarbanes-Oxley Act) requires that we evaluate and determine the effectiveness of our internal control over financial reporting and, beginning with this annual report for the fiscal year ended December 31, 2015, provide a management report on the internal control over financial reporting, which must be attested to by our independent registered public accounting firm when we no longer qualify for the exemption provided to an emerging growth company, as defined by The Jumpstart Our Business Startups Act of 2012 (JOBS Act).

We may not detect errors on a timely basis and our financial statements may be materially misstated. We have had in the past, and may have in the future, material weaknesses and significant deficiencies in our internal control over financial reporting. If we or our independent registered public accounting firm identify future material weaknesses in our internal control over financial reporting, are unable to comply with the requirements of Section 404 in a timely manner, are unable to assert that our internal control over financial reporting is effective or our independent registered public accounting firm is unable to express an opinion as to the effectiveness of our internal control over financial reporting, investors may lose confidence in the accuracy and completeness of our financial reports and the market price of our common stock could be negatively affected. We could also become subject to investigations by the stock exchange on which our securities are listed, the SEC or other regulatory authorities, which could require additional financial and management resources.

If our security measures are breached and unauthorized access is obtained to our data, including our members' data, we may lose our competitive advantage, our systems may be perceived as not being secure and we may incur third-party liability.

Our data repository contains proprietary information that we believe gives us a competitive advantage, including claims data and other data with respect to members, Territory Partners, veterinarians and other third parties. Security breaches could expose us to a risk of loss of our data and/or disclosure of this data, either publicly or to a third party who could use the information to gain a competitive advantage. In the event of a loss of our systems or data, we could experience increased costs or delays, which in turn may harm our financial condition, damage our brand and result in the loss of members. Such a disclosure also could lead to litigation and possible liability.

In the course of operating our business, we may store and/or transmit our members' confidential information, including credit card and bank account numbers, pet medical records and other private information. Security breaches could expose us to a risk of loss of this information, litigation and possible liability. Our payment services may be susceptible to credit card and other payment fraud schemes, including unauthorized use of credit cards, debit cards or bank account information, identity theft or merchant fraud.

If our security measures are breached as a result of third-party action, employee error, malfeasance or otherwise, and, as a result, someone obtains unauthorized access to our data, including data of our members, our reputation may be damaged, our business may suffer and we could incur significant liability. Because techniques used to obtain unauthorized access or to sabotage systems change frequently and generally are not recognized until launched against a target, we may be unable to anticipate these techniques or implement adequate preventative measures. If an actual or perceived breach of our security occurs, the public perception of the effectiveness of our security measures could be harmed and we could lose members, which would adversely affect our business.

Any legal liability, regulatory penalties or negative publicity we encounter, including based on the information on our website or that we otherwise distribute or provide, directly or through Territory Partners or other referral sources, could harm our business, operating results and financial condition.

Any legal disputes or regulatory penalties involving us may be publicly announced, which could materially harm our reputation and adversely affect our business. We also provide information on our website, through our contact center and in other ways regarding pet health, the pet insurance industry in general and our medical plan, including information relating to subscription fees, coverage, benefits, exclusions, limitations, availability and medical plan comparisons. A significant amount of both automated and manual effort is required to maintain the medical plan information on our website. Separately, from time to time, we use the information provided on our website and otherwise collected by us to publish reports designed to educate consumers. For example, we produce a significant amount of marketing materials regarding our medical plan. If the information we provide on our website, through our contact centers or otherwise is not accurate or is construed as misleading, or if we improperly assist individuals in purchasing subscriptions to our medical plan, our members, competitors or others could attempt to hold us liable for damages, our relationships with veterinarians and other referral sources could be terminated and regulators could attempt to subject us to penalties, revoke our licenses to transact business in one or more jurisdictions or compromise the status of our licenses to transact our business in other jurisdictions, which could result in our loss of revenue. In the ordinary course of operating our business, we may receive complaints that the information we provided was not accurate or was misleading. These types of claims could be time-consuming and expensive to defend, could divert our management's attention and other resources and could cause a loss of confidence in our business. As a result, whether or not we are able to successfully resolve these claims, they could harm our business, operating results and financial condition.

We are subject to a number of risks related to accepting automatic fund transfers and credit card and debit card payments.

We accept payments of subscription fees from our members through automatic fund transfers and credit and debit card transactions. For credit and debit card payments, we pay interchange and other fees, which may increase over time. An increase in the number of members who utilize credit and debit cards to pay their subscription fees or related credit and debit card fees would reduce our margins and could require us to increase the subscription fees for our medical plan, which could cause us to lose members and revenue, or suffer an increase in our operating expenses, either of which could adversely affect our operating results.

If we, or any of our processing vendors or banks have problems with our billing software, or if the billing software malfunctions, it could have an adverse effect on our member satisfaction and could cause one or more of the major credit card companies or banks to disallow our continued use of their payment products. In addition, if our billing software fails to work properly and, as a result, we do not automatically charge our members' credit cards on a timely basis or at all, or a bank withdraws the incorrect amount or fails to timely transfer the correct amount to us, we could lose revenue and harm our member experience, which could adversely affect our business and operating results.

We are also subject to payment card association operating rules, certification requirements and rules governing electronic funds transfers, including the Payment Card Industry Data Security Standard (PCI DSS), a security standard applicable to companies that collect, store or transmit certain data regarding credit and debit cards, holders and transactions. In the past we may not have been, we currently are not and in the future we may not be, fully or materially compliant with PCI DSS. Our failure to comply fully or materially with the PCI DSS now or at any point in the future may violate payment card association operating rules, federal and state laws and regulations, and the terms of our contracts with payment processors and merchant banks. Such failure to comply fully or materially also may subject us to fines, penalties, damages and civil liability, and may result in the loss of our ability to accept credit and debit card payments. In addition, there is no guarantee that PCI DSS compliance, if we are able to become compliant, will prevent illegal or improper use of our payment systems or the theft, loss or misuse of data pertaining to credit and debit cards, credit and debit card holders and credit and debit card transactions.

If we fail to adequately control fraudulent credit card transactions, we may face civil liability, diminished public perception of our security measures and significantly higher credit card-related costs, each of which could adversely affect our business, operating results and financial condition.

If we are unable to maintain our chargeback rate at acceptable levels, our credit card fees for chargeback transactions, or our fees for many or all categories of credit and debit card transactions, credit card companies and debit card issuers may increase our fees or terminate their relationship with us. Any increases in our credit card and debit card fees could adversely affect our operating results, particularly if we elect not to raise our subscription fees. The termination of our ability to process payments on any major credit or debit card would significantly impair our ability to operate our business.

Failure to adequately protect our intellectual property could substantially harm our business and operating results.

We rely on a combination of intellectual property rights, including trade secrets, copyrights, trademarks and domain names, as well as contractual restrictions, to establish and protect our intellectual property. As of December 31, 2015, we had three pending patent applications in the United States, one pending patent application in Canada, one pending patent application in Brazil, one pending patent application in Japan, one pending patent application in China, one international patent published under the Patent Cooperation Treaty, and one pending patent application and one issued patent in Europe. Despite our efforts to protect our proprietary rights, unauthorized parties may attempt to copy our digital content, pricing analytics, technology, software, branding and functionality, or obtain and use information that we consider proprietary. Moreover, policing our proprietary rights is difficult and may not always be effective. If we continue to expand internationally, we may need to enforce our rights under the laws of countries that do not protect proprietary rights to as great an extent as do the laws of the United States, which may be expensive and divert management's attention away from other operations.

Our digital content is not protected by any registered copyrights or other registered intellectual property. Rather, our digital content is protected by statutory and common law rights, user agreements that limit access to and use of our data and by technological measures. Compliance with use restrictions is difficult to monitor, and our proprietary rights in our digital content databases may be more difficult to enforce than other forms of intellectual property rights.

As of December 31, 2015, we had five registered trademarks in the United States, including "Trupanion," and five additional trademark applications. We had one registered trademark in Canada, and two additional trademark applications. Many of our unregistered trademarks, however, contain words or terms having a common usage and, as a result, may not be protectable under applicable law. Trademark protection may also not be available, or sought by us, in every country in which our medical plan may become available. Competitors may adopt names similar to ours, or purchase our trademarks and confusingly similar terms as keywords in Internet search engine advertising programs, thereby impeding our ability to build brand identity and possibly confusing members. Moreover, there could be potential trade name or trademark infringement claims brought by owners of other registered trademarks or trademarks that incorporate marks similar to our trademarks.

We may take action, including initiating litigation, to protect our intellectual property rights and the integrity of our brand, and these efforts may prove costly, ineffective and increase the likelihood of counterclaims against us.

We currently hold the "Trupanion.com" Internet domain name and numerous other related domain names. Domain names generally are regulated by Internet regulatory bodies. If we lose the ability to use a domain name in the United States, Canada or any other country, we may be forced to acquire domain names at significant cost or, in the alternative, be forced to incur significant additional expenses to market our medical plan, including the development of a new brand and the creation of new promotional materials, which could substantially harm our business and operating results. The regulation of domain names in the United States, Canada and in other foreign countries is subject to change. Regulatory bodies could establish additional top-level domains, appoint additional domain name registrars or modify the requirements for holding domain names. As a result, we may not be able to acquire or maintain the domain names that utilize the "Trupanion" name in all of the countries in which we currently intend to conduct business.

We seek to control access to our proprietary technology, software and documentation by entering into confidentiality and invention assignment agreements with our employees and contractors, confidentiality agreements with third parties, such as service providers, vendors, individuals and entities that may be exploring a business relationship with us, and terms of use with third parties, such as veterinary hospitals desiring to use our technology, software and documentation. These agreements may not prevent disclosure of intellectual property, trade secrets and/or other confidential information, and may not provide an adequate remedy in the event of misappropriation of trade secrets or any unauthorized disclosure of trade secrets and other confidential information. In addition, others may independently discover trade secrets and confidential information and, in such cases, we may not be able to assert any trade secret rights against such parties. Costly and time-consuming litigation could be necessary to enforce and determine the scope of our intellectual property rights and related confidentiality and nondisclosure provisions, and failure to obtain or maintain trade secret protection, or our competitors being able to obtain our trade secrets or to independently develop technology similar to ours or competing technologies, could adversely affect our competitive business position.

Litigation or proceedings before the U.S. Patent and Trademark Office or other governmental authorities and administrative bodies in the United States and abroad may be necessary in the future to enforce our intellectual property rights, to protect our domain names and to determine the validity and scope of the proprietary rights of others. Our efforts to enforce or protect our proprietary rights may be ineffective, could result in substantial costs and diversion of resources and could substantially harm our operating results.

Assertions by third parties of infringement or other violation by us of their intellectual property rights could result in significant costs and substantially harm our business and operating results.

Third parties have in the past and may in the future claim that our services infringe or otherwise violate their intellectual property rights. We may be subject to legal proceedings and claims, including claims of alleged infringement by us of the intellectual property rights of third parties. Any dispute or litigation regarding intellectual property could be expensive and time consuming, regardless of the merits of any claim, and could divert our management and key personnel from our operations.

If we were to discover or be notified that our services potentially infringe or otherwise violate the intellectual property rights of others, we may need to obtain licenses from these parties in order to avoid infringement. We may not be able to obtain the necessary licenses on acceptable terms, or at all, and any such license may substantially restrict our use of the intellectual property. Moreover, if we are sued for infringement and lose the lawsuit, we could be required to pay substantial damages or be enjoined from offering the infringing services. Any of the foregoing could cause us to incur significant costs and prevent us from selling or properly administering subscriptions to our medical plan or performing under our other contractual relationships.

We rely on third parties to provide intellectual property and technology necessary for the operation of our business.

We utilize intellectual property and technology owned by third parties in developing and operating our technology platform and operating our business. From time to time, we may be required to renegotiate with these third parties or negotiate with other third parties to include or continue using their intellectual property or technology in our existing technology platform or business operations or in modifications or enhancements to our technology platform or business operations. We may not be able to obtain the necessary rights from these third parties on commercially reasonable terms, or at all, and the third-party intellectual property and technology we use or desire to use may not be appropriately supported, maintained or enhanced by the third parties. If we are unable to obtain the rights necessary to use or continue to use third-party intellectual property and technology in our operations, or if those third parties are unable to support, maintain and enhance their intellectual property and technology, we could experience increased costs or delays, which in turn may harm our financial condition, damage our brand and result in the loss of members.

Our technology platform and our data are also hosted by a third-party service provider. The terms under which such third-party service provider provides us services may change and we may be required to renegotiate with that third party. If we are unable to renegotiate satisfactory terms, we may not be able to transition to an alternative service provider without interrupting the availability of our technology platform and any interruption could materially and adversely affect our business. Additionally, if our third-party service provider experiences any disruptions, outages or catastrophes, or if it ceases to conduct business for any reason, we could experience an interruption in our business, which in turn may damage our brand, result in a loss of members and harm our financial condition.

The outcome of litigation or regulatory proceedings could subject us to significant monetary damages, restrict our ability to conduct our business, harm our reputation and otherwise negatively impact our business.

From time to time, we have been, and in the future may become, subject to litigation, claims and regulatory proceedings and inquiries, including market conduct examinations and other investigations by state insurance regulatory agencies. For example, we are currently addressing examination findings from the Washington State Office of Insurance Commissioner.

We cannot predict the outcome of these or any future actions or proceedings, and the cost of defending such actions or proceedings could be material. Further, defending such actions or proceedings could divert our management and key personnel from our business operations. If we are found liable in any action or proceeding, we may have to pay substantial damages or fines, or change the way we conduct our business, either of which may have a material adverse effect on our business, operating results, financial condition and prospects. There may also be negative publicity associated with litigation or regulatory proceedings that could harm our reputation or decrease acceptance of our services. These claims may be costly to defend and may result in assessment of damages, adverse tax consequences and harm to our reputation.

We do not believe the nature of any pending regulatory or legal proceeding will have a material adverse effect on our business, operating results and financial condition. Our assessment, however, may be incorrect, and is subject to change at any time based on the discovery of facts or circumstances that are not presently known to us. Therefore, it is possible that pending or future litigation may have a material adverse effect on our business, reputation, operating results and financial condition.

Covenants in the credit agreement governing our revolving line of credit may restrict our operations, and if we do not effectively manage our business to comply with these covenants, our financial condition could be adversely affected.

The credit agreement governing our revolving line of credit contains various restrictive covenants, including restrictions on our ability to dispose of our assets, change the name, location, office or executive management of our business, merge with or acquire other entities, incur other indebtedness, incur encumbrances, pay dividends or make distributions to holders of our capital stock, make investments, engage in transactions with our affiliates, make payments on subordinated debt, store equipment and inventory with a third party, become an investment company, permit withdrawals from APIC (with certain exceptions), conduct operations in certain of our Canadian subsidiaries and amend our certificate of incorporation in a manner adverse to the lenders. Our credit agreement also contains financial covenants, including those that require APIC to maintain certain capital and surplus, require us to maintain certain minimum cash balances and require us to achieve specified monthly revenue, claims ratios and EBITDA levels (each as defined in the credit agreement). Our ability to meet these restrictive covenants can be affected by events beyond our control, and we have been in the past, and may be in the future, unable to do so. In addition, our failure to maintain effective internal controls to measure compliance with our financial covenants could affect our ability to take corrective actions on a timely basis and could result in our being in breach of these covenants. Our credit agreement provides that our breach or failure to satisfy certain covenants constitutes an event of default. Upon the occurrence of an event of default, our lenders could elect to declare any future amounts outstanding under our credit agreement to be immediately due and payable. If we are unable to repay those amounts, our financial condition could be adversely affected.

Any indebtedness we incur could adversely affect our business and limit our ability to expand our business or respond to changes, and we may be unable to generate sufficient cash flow to satisfy any of our debt service obligations.

As of December 31, 2015, we had no outstanding indebtedness. We may incur indebtedness in the future, including any additional borrowings available under our revolving line of credit. Any substantial indebtedness and the fact that a substantial portion of our cash flow from operating activities could be needed to make payments on this indebtedness could have adverse consequences, including the following:

- reducing the availability of our cash flow for our operations, capital expenditures, future business opportunities and other purposes;
- limiting our flexibility in planning for, or reacting to, changes in our business and the industries in which we operate, which could place us at a competitive disadvantage compared to our competitors that may have less debt;
- limiting our ability to borrow additional funds; and
- increasing our vulnerability to general adverse economic and industry conditions.

Our ability to borrow any funds needed to operate and expand our business will depend in part on our ability to generate cash. Our ability to generate cash is subject to the performance of our business, as well as general economic, financial, competitive, legislative, regulatory and other factors that are beyond our control. We may also need to borrow additional funds to support risk-based capital requirements related to growth. If our business does not generate sufficient cash flow from operating activities or if future borrowings are not available to us, under our revolving credit facility or otherwise, in amounts sufficient to enable us to fund our liquidity needs, our operating results, financial condition and ability to expand our business and meet our risk-based capital requirements may be adversely affected.

Our financial results may be negatively affected if we are required to pay income tax, premium tax, transaction tax or other taxes in jurisdictions where we are currently not collecting and reporting tax.

We currently pay income tax, premium tax, transaction tax and other taxes in certain jurisdictions in which we do business. A successful assertion by one or more jurisdictions that we should be paying income, premium, transaction or other taxes on our income or in connection with enrollment in our medical plan or intercompany services, or the enactment of new laws requiring the payment of income, premium, transfer or other taxes in connection with our business operations, including enrollment in our medical plan or intercompany services, could result in substantial tax liabilities. Our voluntary disclosure of tax obligations and any future assertions by any jurisdiction that we should be paying taxes may create increased administrative burdens or costs, require payment of substantial fines and penalties, discourage consumers from enrolling in our medical plan, reduce our operational efficiencies, decrease our ability to compete or otherwise substantially harm our business and operating results.

If consumer acceptance of the Internet as an acceptable marketplace for a pet medical plan does not continue to increase, our growth prospects will be harmed.

Our success depends in part on widespread consumer acceptance of the Internet as a marketplace for the purchase of a pet medical plan. Internet use may not continue to develop at historical rates, and consumers may not continue to use the Internet to research, select and purchase a pet medical plan. In addition, the Internet may not be accepted as a viable resource for a number of reasons, including lack of security of information or privacy protection, possible disruptions, computer viruses or other damage to Internet servers or to users' computers, and excessive governmental regulation.

Our success will depend, in large part, on third parties maintaining the Internet infrastructure to provide a reliable network backbone with the speed, data capacity, security and hardware necessary for reliable Internet access and services.

We depend in part on Internet search engines to attract potential new members to visit our website. If Internet search engines' methodologies are modified or our search result page rankings decline for other reasons, our new member growth could decline, and our business and operating results could be harmed.

We derive a significant amount of traffic to our website from consumers who search for pet medical insurance through Internet search engines, such as Google, Bing and Yahoo!. A critical factor in attracting consumers searching for pet medical insurance on the Internet to our website is whether we are prominently displayed in response to an Internet search relating to pet insurance. Algorithmic search result listings are determined and displayed in accordance with a set of formulas or algorithms developed by the particular Internet search engine, which may change from time to time. If we are listed less prominently in, or removed altogether from, search result listings for any reason, the traffic to our websites would decline and we may not be able to replace this traffic, which in turn would harm our business, operating results and financial condition. If we decide to attempt to replace this traffic, we may be required to increase our sales and marketing expenditures, including by utilizing paid search advertising, which would also increase our pet acquisition costs and harm our business, operating results and financial condition.

Changes in the economy may negatively impact our business, operating results and financial condition.

Our business may be affected by changes in the economic environment. Pet medical plans are a discretionary purchase, and members may reduce or eliminate their discretionary spending during an economic downturn, resulting in an increase in medical plan subscription terminations and a reduction in the number of new member enrollments. We may experience a material increase in medical plan subscription terminations or a material reduction in our member retention rate in the future, especially in the event of a prolonged recessionary period or a downturn in economic conditions. Conversely, consumers may have more income to pay veterinary costs out-of-pocket and less desire to purchase a pet medical plan during a period of economic growth. In addition, media prices may increase during a period of economic growth, which could increase our sales and marketing expenses. As a result, our business, operating results and financial condition may be significantly affected by changes in the economic environment.

We may acquire other companies or technologies, which could divert our management's attention, result in additional dilution to our stockholders and otherwise disrupt our operations and harm our operating results.

We may decide to acquire businesses, products and technologies. Our ability to successfully make and integrate acquisitions is unproven. The pursuit of potential acquisitions may divert the attention of management and cause us to incur various expenses in identifying, investigating and pursuing suitable acquisitions, whether or not they are consummated. Further, even if we successfully acquire additional businesses or technologies, we may not be able to migrate the policyholders to our medical plan, integrate the acquired personnel, operations and technologies successfully, or effectively manage the combined business following the acquisition. We also may not achieve the anticipated benefits from the acquired business or technology. In addition, we may unknowingly inherit liabilities from future acquisitions that arise after the acquisition and are not adequately covered by indemnities. Acquisitions could also result in dilutive issuances of equity securities or the incurrence of debt, which could adversely affect our operating results. If an acquired business or technology fails to meet our expectations, our business, operating results and financial condition may suffer.

Our ability to use our net operating loss carryforwards and certain other tax attributes may be limited.

As of December 31, 2015, we had U.S. federal net operating loss carryforwards of approximately \$63.5 million that will begin to expire in 2027. Under Sections 382 and 383 of the Internal Revenue Code of 1986, as amended, if a corporation undergoes an “ownership change,” the corporation’s ability to use its pre-change net operating loss carryforwards and other pre-change tax attributes, such as research tax credits, to offset its post-change income and taxes may be limited. In general, an “ownership change” generally occurs if there is a cumulative change in our ownership by “5-percent stockholders” that exceeds 50 percentage points over a rolling three-year period. Similar rules may apply under state tax laws. We may have experienced an ownership change in the past and we may experience an ownership change in the future, some of which may be outside our control. As a result, if we earn net taxable income, our ability to use our pre-change net operating loss carryforwards, or other pre-change tax attributes, to offset U.S. federal and state taxable income and taxes may be subject to limitations.

We may explore opportunities to expand our operations globally, and we may therefore become subject to a number of risks associated with international expansion and operations.

As part of our growth plan, we expect to explore opportunities to expand our operations globally. We have no history of marketing, selling, administrating and supporting our medical plan to consumers outside of the United States, Canada and Puerto Rico. International sales and operations are subject to a number of risks, including the following:

- regulatory rules and practices, foreign exchange controls, tariffs, tax laws and treaties that are different than those we operate under in the United States, Canada and Puerto Rico and that carry a greater risk of unexpected changes;
- the costs and resources required to modify our technology and sell our medical plan in non-English speaking countries;
- the costs and resources required to modify our medical plan appropriately to suit the needs and expectations of residents and veterinarians in such foreign countries;
- our data analytics platform may have limited applicability in foreign countries, which may impact our ability to develop adequate underwriting criteria and accurately price subscriptions to our medical plan in such countries;
- increased expenses incurred in establishing and maintaining office space and equipment for our international operations;
- technological incompatibility;
- fluctuations in exchange rates between the U.S. dollar and foreign currencies in markets where we do business;
- difficulties in attracting and retaining personnel with experience in international operations;
- difficulties in modifying our business model in a manner suitable for any particular foreign country, including any modifications to our Territory Partner model to the extent we determine that our existing model is not suitable for use in foreign countries;
- our lack of experience in marketing to consumers and veterinarians, and encouraging online marketing, in foreign countries;
- our relative lack of industry connections in many foreign countries;
- difficulties in managing operations due to language barriers, distance and time zone differences, staffing, cultural differences and business infrastructure constraints, including difficulty in obtaining foreign and domestic visas;
- application of foreign laws and regulations to us, including more stringent or materially different insurance, employment, consumer and data protection laws;
- the uncertainty of protection for intellectual property rights in some countries;
- greater risk of a failure of foreign employees to comply with applicable U.S. and foreign laws, including antitrust regulations, the U.S. Foreign Corrupt Practices Act and any trade regulations ensuring fair trade practices; and
- general economic and political conditions in these foreign markets.

These factors and other factors could harm our ability to gain future international revenue and, consequently, materially impact our business and operating results. The expansion of our existing international operations and entry into additional international markets will require significant management attention and financial resources, detracting from management attention and financial resources otherwise available to our existing business. Our failure to successfully manage our international operations and the associated risks effectively could limit the future growth of our business and could have an adverse effect on our operating results and financial condition.

A downgrade in the financial strength rating of our insurance company may have an adverse effect on our competitive position, the marketability of our medical plan, and/or on our liquidity, access to and cost of borrowing, operating results and financial condition.

Although we do not believe that the financial strength rating of APIC is material for customers or to understand our business beyond what is already publicly available, financial strength ratings can be important factors in establishing the competitive position of insurance companies and generally have an effect on an insurance company's business. On an ongoing basis, rating agencies review the financial performance and condition of APIC and could downgrade or change the outlook on its ratings due to, for example, a change in its statutory capital, a change in the rating agency's determination of the amount of risk-based capital required to maintain a particular rating or a reduced confidence in management or its business strategy, as well as a number of other considerations that may or may not be under our control. The insurance financial strength rating of APIC is subject to quarterly review, and APIC may not retain the current rating. A downgrade in this or any future ratings could have a material effect on our sales, our competitiveness, the marketability of our medical plan, our liquidity, access to and cost of borrowing, operating results and financial condition.

Our business is subject to the risks of earthquakes, floods, fires and other natural catastrophic events and to interruption by man-made problems such as computer viruses or terrorism.

Our systems and operations are vulnerable to damage or interruption from earthquakes, human error, intentional bad acts, hurricanes, floods, fires, power losses, telecommunications failures, hardware and system failures, terrorist attacks, acts of war, break-ins or similar events. For example, our corporate headquarters and facilities are located in Seattle, Washington near known earthquake fault zones and are vulnerable to significant damage from earthquakes. In addition, acts of terrorism could cause disruptions in our business or the economy as a whole. Our servers and systems may also be vulnerable to computer viruses, break-ins and similar disruptions from unauthorized tampering with our computer systems, which could lead to interruptions, delays, loss of critical data or the unauthorized disclosure of confidential member data. We currently have limited disaster recovery capability, and our business interruption insurance may be insufficient to compensate us for losses that may occur. Such disruptions could negatively impact our ability to run our business, which could have an adverse effect on our operating results and financial condition.

Risks Related to Compliance with Laws and Regulations

We may not maintain the amount of risk-based capital required to avoid additional regulatory oversight, which may adversely affect our ability to operate our business.

Memberships in our U.S. medical plan are written by APIC. APIC is an insurance company domiciled in the state of New York and licensed by the New York Department of Financial Services. Regulators in the states in which we do business impose risk-based capital requirements on APIC that generally are approved by the National Association of Insurance Commissioners to ensure APIC maintains reasonably appropriate levels of surplus to support our operations and to protect our members against adverse developments in APIC's financial circumstances, taking into account the risk characteristics of our assets, liabilities and certain other items. Generally, the NY DFS will compare, on an annual basis as of December 31 or more often as deemed necessary, an insurer's total adjusted capital and surplus against what is referred to as an "Authorized Control Level" of risk-based capital that is calculated based on a formula designed to estimate an insurer's capital adequacy. There generally are five outcomes possible from this comparison, depending on the insurer's level of risk-based capital as compared to the applicable Authorized Control Level.

- *No Action Level:* Insurer's total adjusted capital is equal to or greater than 200% of the Authorized Control Level.
- *Company Action Level:* Insurer's total adjusted capital is less than 200% but greater than 150% of the Authorized Control Level. When at this level, an insurer must prepare and submit a financial plan to the NY DFS for review and approval. Generally, a risk-based capital plan would identify the conditions that contributed to the Company Action Level and include the insurer's proposed plans for increasing its risk-based capital in order to satisfy the No Action Level. The failure to provide the NY DFS with a risk-based capital plan on a timely basis or the inability of the NY DFS and the insurer to mutually agree on an appropriate risk-based capital plan could trigger a Regulatory Action Level outcome, subject to the insurer's right to a hearing on the issue.
- *Regulatory Action Level:* Insurer's total adjusted capital is less than 150% but greater than 100% of the Authorized Control Level. When at this level, an insurer generally must provide a risk-based capital plan to the NY DFS and be subject to examination or analysis by the NY DFS to the extent it deems necessary, including such corrective actions as the NY DFS may require.
- *Authorized Control Level:* Insurer's total adjusted capital is less than 100% but greater than 70% of the Authorized Control Level. At this level, the NY DFS generally could take remedial actions that it determines necessary to protect the insurer's assets, including placing the insurer under regulatory control.

- *Mandatory Control Level:* Insurer's total adjusted capital is less than 70% of the Authorized Control Level. At this level, the NY DFS generally is required to take steps to place the insurer under regulatory control, even if the insurer is still solvent.

As of December 31, 2015, APIC was required to maintain at least \$24.5 million of risk-based capital to satisfy the No Action Level (the highest of the above levels). As of December 31, 2015, APIC maintained \$26.1 million of risk-based capital. The NY DFS may increase the required levels of risk-based capital in the future, and we anticipate that we will need to maintain greater amounts of risk-based capital if our pet enrollment continues to grow.

Additionally, if our risk-based capital falls below the Company Action Level, we may be in breach of various contractual relationships, including, for example, with the unaffiliated general agent for which we write pet insurance policies, which may give such parties the ability to cancel their contracts with us and/or sue us for damages related to our risk-based capital levels, which could have a material adverse effect on our financial condition.

We may require additional capital to meet our risk-based capital requirements, pursue our business objectives and respond to business opportunities, challenges or unforeseen circumstances. If capital is not available to us at any time, our business, operating results and financial condition may be harmed.

We may require additional capital to meet our risk-based capital requirements, operate or expand our business or respond to unforeseen circumstances. Additional funds may not be available when we need them, on terms that are acceptable to us, or at all. If we raise additional funds through the issuance of equity or convertible securities, the percentage ownership of holders of our common stock could be significantly diluted and these newly issued securities may have rights, preferences or privileges senior to those of holders of our common stock. Further, volatility in the credit or equity markets may have an adverse effect on our ability to obtain debt or equity financing or the cost of such financing. Similarly, our access to funds may be impaired if regulatory authorities or rating agencies take negative actions against us. If a combination of these factors were to occur, our internal sources of liquidity may prove to be insufficient and, in such case, we may not be able to successfully obtain additional financing on favorable terms. If funds are unavailable to us on reasonable terms when we need them, we may be unable to meet our risk-based capital requirements, train and support our employees, support Territory Partners, maintain the competitiveness of our technology, pursue business opportunities, service our existing debt, pay claims or acquire new members, any of which could have an adverse effect on our business, operating results and financial condition.

If we fail to comply with the numerous laws and regulations that are applicable to the sale of a pet medical plan, our business and operating results could be harmed.

The sale of a pet medical plan, which is considered a type of property and casualty insurance in most jurisdictions, is heavily regulated by each state in the United States, in the District of Columbia, in Puerto Rico and by Canadian federal, provincial and territorial governments. In the United States, state insurance regulators are charged with protecting policyholders and have broad regulatory, supervisory and administrative powers over our business practices. Because we do business in all 50 states, the District of Columbia, all Canadian provinces and territories and Puerto Rico, compliance with insurance-related laws, rules and regulations is difficult and imposes significant costs on our business. Each jurisdiction's insurance department typically has the power, among other things, to:

- grant and revoke licenses to transact insurance business;
- conduct inquiries into the insurance-related activities and conduct of agents and agencies and others in the sales, marketing and promotional channels;
- require and regulate disclosure in connection with the sale and solicitation of insurance policies;
- authorize how, by which personnel and under what circumstances insurance premiums can be quoted and published and an insurance policy sold;
- approve which entities can be paid commissions from carriers and the circumstances under which they may be paid;
- regulate the content of insurance-related advertisements, including web pages, and other marketing practices;
- approve policy forms, require specific benefits and benefit levels and regulate premium rates;
- impose fines and other penalties; and
- impose continuing education requirements.

While the U.S. federal government does not directly regulate the insurance industry, federal legislation and administrative policies can also affect us. Congress and various federal agencies periodically discuss proposals that would provide for federal oversight of insurance companies. We cannot predict whether any such laws will be enacted or the effect that such laws would have on our business. We also do business in all ten provinces and three territories of Canada. The provincial and territorial insurance regulators have the power to regulate the market conduct of insurers and insurance intermediaries, and the licensing and supervision of insurance agents, brokers, and adjusters, along with enforcement rights, including the right to assess administrative monetary penalties in certain provinces.

Insurance companies are also regulated at the federal level in Canada, and the Insurance Companies Act prohibits a foreign entity from insuring risks in Canada unless it is authorized by an Order made by the Superintendent of Financial Institutions (Canada) permitting it to do so.

Due to the complexity, periodic modification and differing interpretations of insurance laws and regulations, we have not always been, and we may not always be, in compliance with them. New insurance laws, regulations and guidelines also may not be compatible with the manner in which we market and sell subscriptions to our medical plan in all of our jurisdictions and member acquisition channels, including over the Internet. Failure to comply with insurance laws, regulations and guidelines or other laws and regulations applicable to our business could result in significant liability, additional department of insurance licensing requirements, the revocation of licenses in a particular jurisdiction or our inability to sell subscriptions to our medical plan, which could significantly increase our operating expenses, result in the loss of our revenue and otherwise harm our business, operating results and financial condition.

Moreover, an adverse regulatory action in one jurisdiction could result in penalties and adversely affect our license status or reputation in other jurisdictions, including due to the current requirement that adverse regulatory actions in one jurisdiction be reported to other jurisdictions. Even if the allegations in any regulatory or other action against us ultimately are determined to be unfounded, we could incur significant time and expense defending against the allegations, and any related negative publicity could harm consumer and third-party confidence in us, which could significantly damage our brand.

In addition, we have received, and may in the future receive, inquiries from regulators regarding our marketing and business practices. These inquiries may include investigations regarding a number of our business practices, including the manner in which we market and sell subscriptions to our medical plan and the manner in which we write policies for any unaffiliated general agent. Any modification of our marketing or business practices in response to regulatory inquiries could harm our business, operating results or financial condition.

A regulatory environment that limits rate increases may adversely affect our operating results and financial condition.

Many states, including New York, have adopted laws or are considering proposed legislation that, among other things, limit the ability of insurance companies to effect rate increases or to cancel, reduce or not renew insurance coverage with respect to existing policies, and many state regulators have the power to reduce, or to disallow increases in premium rates. Most states, including New York, require licensure and regulatory approval prior to marketing new insurance products. Our practice has been to regularly reevaluate the price of our medical plan subscriptions, with any pricing changes implemented at least annually, subject to the review and approval of the state regulators, who may reduce or disallow our pricing changes. Such review has often in the past resulted, and may in the future result, in delayed implementation of pricing changes and prevent us from making changes we believe are necessary to achieve our targeted claims payout ratio, which could adversely affect our operating results and financial condition. In addition, we may be prevented by regulators from limiting significant pricing changes, requiring us to raise rates more quickly than we otherwise may desire. This could damage our reputation with our members and reduce our retention rates, which could significantly damage our brand, result in the loss of expected revenue and otherwise harm our business, operating results and financial condition.

In addition to regulating rates, certain states have enacted laws that require a property-casualty insurer, which includes a pet insurance company, conducting business in that state to participate in assigned risk plans, reinsurance facilities, joint underwriting associations (JUAs), Fair Access to Insurance Requirements (FAIR) plans and wind pools. In these markets, if the state reinsurance facilities, wind pools, FAIR plans or JUAs recognize a financial deficit, they may in turn have the ability to assess participating insurers, adversely affecting our operating results and financial condition if we are a part of such state reinsurance facilities, wind pools, FAIR plans or JUAs. Additionally, certain states require insurers to participate in guaranty funds for impaired or insolvent insurance companies. These funds periodically assess losses against all insurance companies doing business in the state. Our operating results and financial condition could be adversely affected by any of these factors.

Regulations that require individuals or entities that sell pet insurance to be licensed may be interpreted to apply to our business, which could require us to modify our business practices.

Insurance regulators generally require that each individual who transacts pet insurance business on our behalf must maintain a valid license in one or more jurisdictions. These requirements are subject to a variety of interpretations between jurisdictions. We may not interpret and apply the requirements in the same manner as all applicable regulators, and, even if we have, the requirements or regulatory interpretations of those requirements may change. Regulators have in the past and may in the future determine that any of our personnel or referral sources were selling subscriptions to our medical plan on our behalf and needed to be licensed in a particular jurisdiction. If such persons were not in fact licensed in any such jurisdiction, we could become subject to conviction for an offense or the imposition of an administrative penalty and liable for significant penalties and would likely be required to modify our business practices and sales and marketing programs, or license the affected individuals, which may be impractical or costly and time-consuming to implement. Any modification of our business or marketing practices in response to regulatory licensing requirements could harm our business, operating results or financial condition.

Most insurance legislation requires entities that solicit the sale of pet insurance to be validly licensed in the applicable jurisdiction. If an insurance regulator were to determine that any entity soliciting the sale of a medical plan on our behalf did not hold the required license, we may have to modify our business practices or marketing efforts, or license the affected entities, which may be costly and time-consuming to implement.

We are subject to numerous laws and regulations, and compliance with one law or regulation may result in non-compliance with another.

We are subject to numerous laws and regulations that are administered and enforced by a number of different governmental authorities, each of which exercises a degree of interpretive latitude, including, in the United States, state insurance regulators, state securities administrators, state attorneys general and federal agencies including the SEC and the U.S. Department of Justice. Consequently, we are subject to the risk that compliance with any particular regulator's or enforcement authority's interpretation of a legal issue may not result in compliance with another's interpretation of the same issue, particularly when compliance is judged in hindsight. In addition, there is risk that any particular regulator's or enforcement authority's interpretation of a legal issue may change over time to our detriment, or that changes in the overall legal environment may, even absent any particular regulator's or enforcement authority's interpretation of a legal issue changing, cause us to change our views regarding the actions we need to take from a legal risk management perspective, thus necessitating changes to our practices that may, in some cases, increase our costs and limit our ability to grow or to improve the profitability of our business. Further, in some cases, these laws and regulations are designed to protect or benefit the interests of a specific constituency rather than a range of constituencies. For example, state insurance laws and regulations generally are intended to protect or benefit purchasers or users of insurance products, not holders of securities, which generally is the jurisdiction of the SEC. In many respects, these laws and regulations limit our ability to grow or to improve the profitability of our business.

Regulation of the sale of medical insurance for cats and dogs is subject to change, and future regulations could harm our business and operating results.

The laws and regulations governing the offer, sale and purchase of medical insurance for cats and dogs are subject to change, and future changes may be adverse to our business. For example, if a jurisdiction were to increase our risk-based capital requirements or alter the requirements for obtaining or maintaining an agent's license in connection with the enrollment of a member in our medical plan, it could have a material adverse effect on our operations. Some states in the United States have adopted, and others are expected to adopt, new laws and regulations related to the insurance industry. It is difficult to predict how these or any other new laws and regulations will impact our business, but, in some cases, changes in insurance laws, regulations and guidelines may be incompatible with various aspects of our business and require that we make significant modifications to our existing technology or practices, which may be costly and time-consuming to implement and could also harm our business, operating results and financial condition.

Failure to comply with federal, state and provincial laws and regulations relating to privacy and security of personal information, and civil liabilities relating to breaches of privacy and security of personal information, could create liabilities for us, damage our reputation and harm our business.

A variety of U.S. and Canadian federal, state and provincial laws and regulations govern the collection, use, retention, sharing and security of personal information. We collect and utilize demographic, credit and other private information from and about our members when they visit our website, call our contact center and apply for enrollment in our medical plan. Further, we use tracking technologies, including “cookies,” to help us manage and track our members’ interactions and deliver relevant advice and advertising. Claims or allegations that we have violated applicable laws or regulations related to privacy and data security could in the future result in negative publicity and a loss of confidence in us by our members and our participating service providers, and may subject us to fines by credit card companies and the loss of our ability to accept credit and debit card payments. In addition, we have posted privacy policies and practices concerning the collection, use and disclosure of member data on our website. Several Internet companies have incurred penalties for failing to abide by the representations made in their privacy policies and practices. In addition, our use and retention of personal information could lead to civil liability exposure in the event of any disclosure of such information due to hacking, viruses, inadvertent action or other use or disclosure. Several companies have been subject to civil actions, including class actions, relating to this exposure.

We have incurred, and will continue to incur, expenses to comply with privacy and security standards and protocols for personal information imposed by law, regulation, self-regulatory bodies, industry standards and contractual obligations. Such laws, standards and regulations, however, are evolving and subject to potentially differing interpretations, and federal, state and provincial legislative and regulatory bodies may expand current or enact new laws or regulations regarding privacy matters. We are unable to predict what additional legislation, standards or regulation in the area of privacy and security of personal information could be enacted or its effect on our operations and business.

Government regulation of the Internet and email could adversely affect our business.

The laws governing general commerce on the Internet remain unsettled and it may take years to fully determine whether and how existing laws such as those governing insurance, intellectual property, privacy and taxation apply to the Internet. In addition, the growth and development of the market for electronic commerce and Internet-related pet medical plan advertisements and transactions may prompt calls for more stringent consumer protection laws that may impose additional burdens on companies conducting business and selling subscriptions to a pet medical plan over the Internet. Any new laws or regulations or new interpretations of existing laws or regulations relating to the Internet could harm our business and we could be forced to incur substantial costs in order to comply with them, which would harm our business, operating results and financial condition.

Additionally, we use email to market our services to potential members and as a means of communicating with our existing members. The laws and regulations governing the use of email for commercial purposes continue to evolve and the growth and development of the market for commerce over the Internet may lead to the adoption of additional legislation. On July 1, 2014, legislation became effective in Canada that, among other things, prohibits the sending of commercial electronic messages without the express or implied consent of the recipient, subject to certain exceptions. Failure to abide by this new legislation could lead to significant administrative monetary penalties and, as of July 1, 2017, civil liability exposure, including through class actions. We have incurred, and will continue to incur, expenses to comply with electronic messaging laws. If new laws or regulations are adopted, or existing laws and regulations are interpreted, to impose additional restrictions on our ability to send email to our members or potential members, we may not be able to communicate with them in a cost-effective manner. In addition to legal restrictions on the use of email for commercial purposes, Internet service providers, email service providers and others attempt to block the transmission of unsolicited email, commonly known as “spam.” Many Internet and email service providers have relationships with organizations whose purpose it is to detect and notify the Internet and email service providers of entities that the organization believes is sending unsolicited email. If an Internet or email service provider identifies email from us as “spam” as a result of reports from these organizations or otherwise, we could be placed on a restricted list that will block our emails to members or potential members. If we are restricted or unable to communicate by email with our members and potential members as a result of legislation, blockage or otherwise, our business, operating results and financial condition would be harmed.

Applicable insurance laws regarding the change in control of our company may impede potential acquisitions that our stockholders might consider to be desirable.

We are subject to statutes and regulations of the state of New York that generally require that any person or entity desiring to acquire direct or indirect control of APIC obtain prior regulatory approval. These laws may discourage potential acquisition proposals and may delay, deter or prevent a change in control of our company, including through transactions, and in particular unsolicited transactions, that some of our stockholders might consider to be desirable. Similar laws or regulations may also apply in other states in which we may operate.

Our segregated account in Bermuda, WICL segregated account AX, could be adversely impacted by regulatory compliance of a third party.

Wyndham Insurance Company (SAC) Limited (WICL) is a class 3 insurer regulated by the Bermuda Monetary Authority (BMA). WICL's ability to continue operations and pay dividends could impact the ability of our segregated account to do the same. WICL's failure to meet regulatory requirements set forth by the BMA could result in our inability to transact business with WICL segregated account AX. Further, WICL could be limited from allowing dividends to be paid out of segregated account AX in the event of adverse regulatory actions.

We will continue to incur significantly increased costs and devote substantial management time as a result of operating as a public company.

As a public company, we incur significant legal, accounting and other expenses that we did not incur as a private company. For example, we are subject to the reporting requirements of the Exchange Act, and are required to comply with the applicable requirements of the Sarbanes-Oxley Act, the Dodd-Frank Wall Street Reform and Consumer Protection Act and the JOBS Act, as well as rules and regulations subsequently implemented by the SEC and the stock exchange on which our common stock is listed, including the establishment and maintenance of effective disclosure and financial controls and changes in corporate governance practices. Compliance with these requirements has and will continue to increase our legal and financial compliance costs and will make some activities more time consuming and costly. In addition, from time to time, our management and other personnel need to divert attention from operational and other business matters to devote substantial time to these public company requirements. In particular, we have and will continue to incur significant expenses and devote substantial management effort toward ensuring compliance with the requirements of Section 404 of the Sarbanes-Oxley Act, which will increase when we are no longer an emerging growth company, as defined by the JOBS Act. Our management and other personnel also have limited experience operating a public company, which may result in operational inefficiencies or errors. We cannot predict or estimate the amount of additional costs we may incur as a result of becoming a public company or the timing of such costs.

We are an emerging growth company and we cannot be certain if the reduced disclosure requirements applicable to emerging growth companies will make our common stock less attractive to investors.

We are an emerging growth company. Under the JOBS Act, emerging growth companies can delay adopting new or revised accounting standards until such time as those standards apply to private companies. We have irrevocably elected not to avail ourselves of this exemption from new or revised accounting standards and, therefore, we will be subject to the same new or revised accounting standards as other public companies that are not emerging growth companies.

For as long as we continue to be an emerging growth company, we intend to take advantage of certain exemptions from various reporting requirements that are applicable to other public companies including, but not limited to, reduced disclosure obligations regarding executive compensation in our periodic reports and proxy statements, and exemptions from the requirements of holding a nonbinding advisory vote on executive compensation and stockholder approval of any golden parachute payments not previously approved. We cannot predict if investors will find our common stock less attractive because we will rely on these exemptions. If some investors find our common stock less attractive as a result, there may be a less active trading market for our common stock and our stock price may be more volatile.

We generally will remain an emerging growth company until the earliest of (i) the end of the fiscal year in which the market value of our common stock that is held by non-affiliates exceeds \$700 million as of June 30, (ii) the end of the fiscal year in which we have total annual gross revenue of \$1 billion or more during such fiscal year, (iii) the date on which we issue more than \$1 billion in non-convertible debt in a three-year period or (iv) five years from the date of our IPO.

Our reported financial results may be adversely affected by changes in accounting principles generally accepted in the United States.

Generally accepted accounting principles in the United States are subject to interpretation by the Financial Accounting Standards Board, the SEC and various bodies formed to promulgate and interpret appropriate accounting principles. A change in these principles or interpretations could have a significant effect on our reported financial results, and could affect the reporting of transactions completed before the announcement of a change.

Risks Related to Ownership of Our Common Stock

Our actual operating results may differ significantly from our guidance.

From time to time we have released, and may continue to release, guidance in our quarterly earnings conference call, quarterly earnings releases, or otherwise, regarding our future performance that represents our management's estimates as of the date of release. This guidance, which includes forward-looking statements, has been and will be based on projections prepared by our management. These projections are not prepared with a view toward compliance with published guidelines of the American Institute of Certified Public Accountants, and neither our registered public accountants nor any other independent expert or

outside party compiles or examines the projections. Accordingly, no such person expresses any opinion or any other form of assurance with respect to the projections.

Projections are based upon a number of assumptions and estimates that, while presented with numerical specificity, are inherently subject to significant business, economic and competitive uncertainties and contingencies, many of which are beyond our control and are based upon specific assumptions with respect to future business decisions, some of which will change. We intend to state possible outcomes as high and low ranges which are intended to provide a sensitivity analysis as variables are changed but are not intended to imply that actual results could not fall outside of the suggested ranges. The principal reason that we release guidance is to provide a basis for our management to discuss our business outlook with analysts and investors. We do not accept any responsibility for any projections or reports published by any such third parties.

Guidance is necessarily speculative in nature, and it can be expected that some or all of the assumptions underlying the guidance furnished by us will not materialize or will vary significantly from actual results. Accordingly, our guidance is only an estimate of what management believes is realizable as of the date of release. Actual results may vary from our guidance and the variations may be material. In light of the foregoing, investors are urged not to rely upon our guidance in making an investment decision regarding our common stock.

Any failure to successfully implement our operating strategy or the occurrence of any of the events or circumstances set forth in this “Risk Factors” section in this Annual Report on Form 10-K could result in the actual operating results being different from our guidance, and the differences may be adverse and material.

If securities or industry analysts do not publish research, or publish inaccurate or unfavorable research, about our business, our stock price and trading volume could decline.

The trading market for our common stock depends in part on the research and reports that securities or industry analysts publish about us or our business. If one or more of the securities or industry analysts who publish research about us or our business downgrade our stock or publish inaccurate or unfavorable evaluations of our company or our stock, the price of our stock could decline. If one or more of these analysts cease coverage of our company, our stock may lose visibility in the market, which in turn could cause our stock price to decline.

The market price of our common stock has been and is likely to continue to be volatile, and you may be unable to sell your shares at or above the price at which you purchased them.

The market price of our common stock has been and is likely to continue to fluctuate widely. Factors affecting the market price of our common stock include:

- variations in our operating results, earnings per share, cash flows from operating activities, and key financial and operational metrics, and how those results compare to analyst expectations;
- forward-looking guidance that we provide to the public and industry and financial analysts related to future revenue and profitability, and any change in that guidance or our failure to achieve the results reflected in that guidance;
- the net increases in the number of members, either independently or as compared with published expectations of industry, financial or other analysts that cover our company;
- changes in the estimates of our operating results or changes in recommendations by securities analysts that elect to follow our common stock;
- announcements of changes to our medical plan, strategic alliances or significant agreements by us or by our competitors;
- announcements by us or by our competitors of mergers or other strategic acquisitions, or rumors of such transactions involving us or our competitors;
- recruitment or departure of key personnel;
- the economy as a whole and market conditions in our industry;
- trading activity by a limited number of stockholders who together beneficially own a majority of our outstanding common stock;
- the number of shares of our stock trading on a regular basis; and
- any other factors discussed in these risk factors.

In addition, if the market for stock in our industry or the stock market in general experiences uneven investor confidence, the market price of our common stock could decline for reasons unrelated to our business, operating results or financial condition. The market price of our common stock might also decline in reaction to events that affect other companies within, or outside, our industry even if these events do not directly affect us. Some companies that have experienced volatility in the trading price

of their stock have been the subject of securities class action litigation. If we are the subject of such litigation, it could result in substantial costs and a diversion of our management's attention and resources.

We do not intend currently to pay dividends on our common stock and, therefore, any returns will be limited to the value of our stock.

We have never declared or paid any cash dividends on our common stock. We currently intend to retain all available funds and any future earnings for the development, operation and expansion of our business and do not anticipate declaring or paying any cash dividends for the foreseeable future. In addition, our ability to pay cash dividends on our common stock is limited by the terms of our credit agreement, APIC's ability to pay dividends is limited by New York state insurance laws, and WICL Segregated Account AX's ability to pay dividends is limited by our agreements with WICL as well as WICL's regulatory requirements. Any return to stockholders will therefore be limited to the increase, if any, of our stock price.

Our directors and principal stockholders own a significant percentage of our stock and will be able to exert significant control over matters subject to stockholder approval.

Our directors, five percent or greater stockholders and their respective affiliates beneficially hold a significant amount of our outstanding voting stock. Therefore, these stockholders have the ability to influence us through this ownership position. These stockholders may be able to determine all matters requiring stockholder approval. For example, these stockholders may be able to control elections of directors, amendments of our organizational documents, or approval of any merger, sale of assets, or other major corporate transaction. This may prevent or discourage unsolicited acquisition proposals or offers for our common stock that you or other stockholders may feel are in your or their best interest as one of our stockholders.

Provisions in our restated certificate of incorporation, restated bylaws and Delaware law might discourage, delay or prevent a change in control of our company or changes in our management and, therefore, depress the market price of our common stock.

Our restated certificate of incorporation and restated bylaws contain provisions that could depress the market price of our common stock by acting to discourage, delay or prevent a change in control of our company or changes in our management that the stockholders of our company may deem advantageous. These provisions, among other things:

- establish a classified board of directors so that not all members of our board are elected at one time;
- permit only the board of directors to establish the number of directors and fill vacancies on the board;
- provide that directors may only be removed "for cause" and only with the approval of two-thirds of our stockholders;
- require super-majority voting to amend some provisions in our restated certificate of incorporation and restated bylaws;
- authorize the issuance of "blank check" preferred stock that our board could use to implement a stockholder rights plan (also known as a "poison pill");
- eliminate the ability of our stockholders to call special meetings of stockholders;
- prohibit stockholder action by written consent, which requires all stockholder actions to be taken at a meeting of our stockholders;
- prohibit cumulative voting; and
- establish advance notice requirements for nominations for election to our board or for proposing matters that can be acted upon by stockholders at annual stockholder meetings.

In addition, Section 203 of the Delaware General Corporation Law may discourage, delay or prevent a change in control of our company. Section 203 imposes certain restrictions on mergers, business combinations and other transactions between us and holders of 15% or more of our common stock.

Item 1B. Unresolved Staff Comments

Not applicable.

Item 2. Properties

Our principal executive offices are located at 907 NW Ballard Way, Seattle, Washington. The lease for our principal office is for 37,500 square feet and expires in August 2016. We also occupy 12,000 square feet of office space in Seattle, Washington pursuant to a lease that expires in March 2016 and 1,600 square feet of office space in Vancouver, British Columbia pursuant to a lease that expires in March 2017.

During 2015, the Company entered into a lease agreement for a building located in Seattle, Washington. The initial 10-year term of the lease is expected to commence in the second or third quarter of 2016 and will expire in 2026.

Item 3. Legal Proceedings

The Company is involved from time to time in claims, regulatory examinations and litigation, including the following:

We received an inquiry from the Washington State Office of the Insurance Commissioner (OIC) in December 2012 concerning whether one of our subsidiaries was properly licensed, and whether certain of its employees were properly licensed, under Washington law. A regulatory examination took place during the third and fourth quarters of 2014. On September 22, 2015, the OIC issued a detailed report and we timely issued a response during the fourth quarter of 2015. As of December 31, 2015 and 2014, we had accrued liabilities of \$0.4 million and \$0.2 million, respectively, for this matter. Adverse outcomes beyond recorded amounts are reasonably possible. At this stage in the matter, however, we are unable to estimate a possible loss or range of possible loss beyond amounts accrued.

The outcomes of our legal proceedings are inherently unpredictable, subject to significant uncertainties, and could be material to our operating results and cash flows for a particular period. We make a provision for a liability relating to legal matters when it is both probable that a liability beyond previously accrued amounts has been incurred and the impacts of negotiations, estimated settlements, legal rulings, advice of legal counsel and other information and events pertaining to a particular matter.

In addition to the matters described above, from time to time we may be subject to various legal proceedings and claims in the ordinary course of business activities, including claims of alleged infringement of trademarks, copyrights and other intellectual property rights; employment claims; and general contract or other claims. We may, from time to time, also be subject to various other legal or government claims, disputes or investigations.

Item 4. Mine Safety Disclosures

None.

PART II

Item 5. Market for Registrant’s Common Equity, Related Stockholder Matters, and Issuer Purchases of Equity Securities

Market for our Common Stock

Our common stock began trading on the New York Stock Exchange (NYSE) under the symbol “TRUP” on July 18, 2014. Prior to that time, there was no public market for our common stock. The following table sets forth the high and low intra-day sales prices per share for our common stock on the NYSE.

	Fiscal Year 2015		Fiscal Year 2014	
	High	Low	High*	Low*
1st Quarter	\$ 8.47	\$ 6.70	N/A	N/A
2nd Quarter	\$ 8.50	\$ 7.41	N/A	N/A
3rd Quarter	\$ 8.63	\$ 6.83	\$ 11.95	\$ 7.70
4th Quarter	\$ 9.90	\$ 6.40	\$ 8.60	\$ 5.21

*Beginning July 18, 2014

Dividend Policy

We have never declared or paid cash dividends on our capital stock. Under our credit agreement, we are restricted from paying any dividends or making any distributions on account of our capital stock. We currently intend to retain any future earnings for use in the operation of our business and do not intend to declare or pay any cash dividends in the foreseeable future. Any further determination to pay dividends on our capital stock will be at the discretion of our board of directors, subject to applicable laws and restrictions in our outstanding credit agreement, and will depend on our financial condition, results of operations, capital requirements, general business conditions and other factors that our board of directors considers relevant.

Holders of Record

As of February 10, 2016, there were 56 stockholders of record of our common stock. The actual number of stockholders is greater than this number of record holders, and includes stockholders who are beneficial owners, whose shares are held of record by banks, brokers, and other financial institutions.

Securities Authorized for Issuance under Equity Compensation Plans

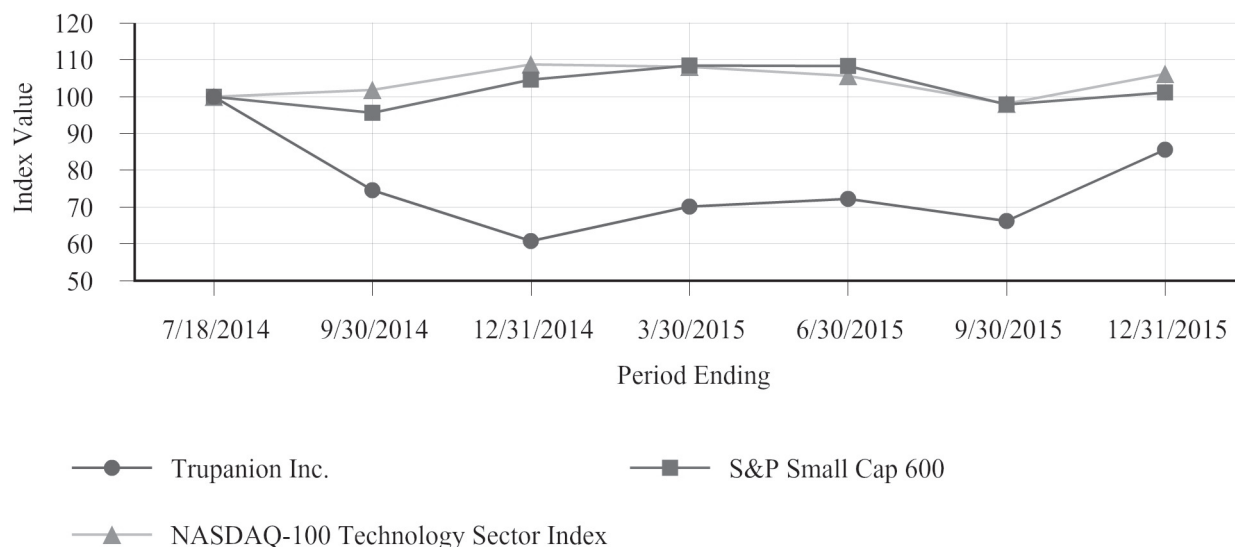
The information called for by this item is incorporated by reference to our Proxy Statement for the Annual Meeting of Stockholders to be held in 2016. See Part III, Item 12 “Security Ownership of Certain Beneficial Owners and Management.”

Stock Performance Graph

The following shall not be deemed “filed” for purposes of Section 18 of the Exchange Act, or incorporated by reference into any of our other filings under the Exchange Act or the Securities Act, except to the extent we specifically incorporate it by reference into such filing.

This chart compares the cumulative total return on our common stock with that of the S&P Small Cap 600 Index and the NASDAQ-100 Technology Sector Index. The chart assumes \$100 was invested at the close of market on July 18, 2014, in our common stock and the S&P Small Cap 600 Index, and assumes the reinvestment of any dividends. The stock price performance on the following graph is not necessarily indicative of future stock price performance.

**Comparison of Cumulative Total Return
Among Trupanion, S&P Small Cap 600 and NASDAQ-100 Technology Sector Index**



Company/Index	7/18/2014	9/30/2014	12/31/2014	3/30/2015	6/30/2015	9/30/2015	12/31/2015
Trupanion Inc.	\$ 100.00	\$ 74.57	\$ 60.82	\$ 70.19	\$ 72.28	\$ 66.23	\$ 85.61
S&P Small Cap 600	100.00	95.62	104.65	108.46	108.31	97.91	101.16
NASDAQ-100 Technology Sector Index	100.00	101.85	108.79	108.08	105.62	98.09	106.25

Use of Proceeds

On July 17, 2014, our registration statement on Form S-1 (File No. 333-196814) was declared effective by the SEC for our IPO pursuant to which we sold an aggregate of 8,193,750 shares of our common stock at a price to the public of \$10.00 per share resulting in net proceeds to us of \$72.8 million, after deducting underwriting discounts and commissions and offering expenses. There has been no material change in the planned use of proceeds from our IPO as described in our final prospectus filed with the SEC pursuant to Rule 424(b) under the Securities Act on July 18, 2014. Pending the uses described, we have invested the net proceeds in short-term, investment-grade interest-bearing securities such as money market funds.

Issuer Purchases of Equity Securities

Not applicable.

Item 6. Selected Consolidated Financial Data

The following selected consolidated financial and other data should be read with “Management’s Discussion and Analysis of Financial Condition and Results of Operations” and our consolidated financial statements and related notes included elsewhere in this Annual Report on Form 10-K. The selected consolidated statements of operations data for the years ended December 31, 2015, 2014 and 2013 and the consolidated balance sheet data as of December 31, 2015 and 2014 are derived from our audited consolidated financial statements included elsewhere in this Annual Report on Form 10-K. The selected consolidated statements of operations data for the years ended December 31, 2012 and 2011 and the consolidated balance sheet data as of December 31, 2013, and 2012 and 2011 are derived from our audited consolidated financial statements not included in this Annual Report on Form 10-K. Our historical results are not necessarily indicative of the results to be expected in any future period.

In 2015, the prior period financial data and metrics have been recast to reflect the movement of certain pets from the subscription business segment to the other business segment. Refer to “Management’s Discussion and Analysis—Basis of Presentation” for further details.

	Years Ended December 31,				
	2015	2014	2013	2012	2011
(in thousands, except share and per share data)					
Consolidated Statements of Operations Data:					
Revenue:					
Subscription business	\$ 133,406	\$ 103,502	\$ 76,413	\$ 55,352	\$ 37,045
Other business	13,557	12,408	7,416	178	—
Total revenue	146,963	115,910	83,829	55,530	37,045
Cost of revenue:					
Subscription business ⁽¹⁾	109,428	85,169	61,394	44,185	29,002
Other business	12,306	10,867	6,791	134	—
Total cost of revenue	121,734	96,036	68,185	44,319	29,002
Gross profit:					
Subscription business	23,978	18,333	15,019	11,167	8,043
Other business	1,251	1,541	625	44	—
Total gross profit	25,229	19,874	15,644	11,211	8,043
Operating expenses:					
Sales and marketing ⁽¹⁾	15,231	11,608	9,091	7,149	5,206
Technology and development ⁽¹⁾	11,215	9,899	4,888	3,406	1,499
General and administrative ⁽¹⁾	15,558	14,312	8,652	6,195	4,289
Total operating expenses	42,004	35,819	22,631	16,750	10,994
Operating loss	(16,775)	(15,945)	(6,987)	(5,539)	(2,951)
Interest expense	325	6,726	609	535	690
Other (income) expense, net	(9)	(1,487)	671	252	186
Loss before income taxes	(17,091)	(21,184)	(8,267)	(6,326)	(3,827)
Income tax expense (benefit)	114	(7)	(92)	84	92
Net loss	\$ (17,205)	\$ (21,177)	\$ (8,175)	\$ (6,410)	\$ (3,919)
Net loss attributable to common stockholders	\$ (17,205)	\$ (21,177)	\$ (8,175)	\$ (8,147)	\$ (3,919)
Net loss per share attributable to common stockholders—basic and diluted ⁽²⁾	\$ (0.62)	\$ (1.64)	\$ (6.23)	\$ (9.76)	\$ (5.34)
Weighted average number of shares outstanding used to compute net loss per share attributable to common stockholders—basic and diluted ⁽²⁾	27,638,443	12,934,477	1,312,019	834,648	734,411

	Years Ended December 31,				
	2015	2014	2013	2012	2011
Other Financial and Operational Data⁽³⁾:					
Total subscription pets enrolled	272,636	215,491	168,405	125,387	88,707
Monthly adjusted revenue per pet ⁽⁴⁾	\$ 45.04	\$ 44.14	\$ 42.56	\$ 41.99	\$ 41.00
Lifetime value of a pet	\$ 591	\$ 591	\$ 619	\$ 557	\$ 500
Average pet acquisition cost ⁽⁵⁾	\$ 132	\$ 121	\$ 104	\$ 100	\$ 84
Average monthly retention	98.64%	98.69%	98.65%	98.51%	98.24%
Adjusted EBITDA (in thousands) ⁽⁶⁾	\$ (11,297)	\$ (10,349)	\$ (4,351)	\$ (3,904)	\$ (1,862)

	As of December 31,				
	2015	2014	2013	2012	2011
(in thousands)					
Consolidated Balance Sheet Data:					
Cash and cash equivalents	\$ 17,956	\$ 53,098	\$ 14,939	\$ 4,234	\$ 8,087
Short-term investments	25,288	22,371	16,088	10,809	9,370
Working capital	30,016	62,111	13,710	7,746	12,689
Total assets	70,917	98,306	51,653	27,666	24,863
Warrant liabilities	—	—	4,900	551	333
Current and long-term debt	—	14,900	26,099	9,900	9,900
Total liabilities	25,561	39,031	52,928	23,015	17,743
Convertible preferred stock	—	—	31,724	31,724	25,792
Stockholders' equity (deficit)	45,356	59,275	(32,999)	(27,073)	(18,672)

(1) Includes stock-based compensation expense as follows:

	Years Ended December 31,				
	2015	2014	2013	2012	2011
(in thousands)					
Cost of revenue	\$ 263	\$ 315	\$ 230	\$ 109	\$ 65
Sales and marketing	446	553	677	428	288
Technology and development	404	461	351	268	165
General and administrative	1,889	2,755	680	629	464
Total stock-based compensation expense	\$ 3,002	\$ 4,084	\$ 1,938	\$ 1,434	\$ 982

- (2) See note 2 to our consolidated financial statements included elsewhere in this Annual Report on Form 10-K for a description of the method used to compute basic and diluted net loss per share attributable to common stockholders.
- (3) For more information about how we calculate total subscription pets enrolled, monthly adjusted revenue per pet, lifetime value of a pet, average pet acquisition cost and average monthly retention, see “Management’s Discussion and Analysis of Financial Condition and Results of Operations—Key Financial and Operating Metrics.”
- (4) Monthly adjusted revenue per pet is calculated in part based on adjusted revenue, a non-GAAP financial measure, that we define as revenue from our subscription business segment excluding sign-up fee revenue and the change in deferred revenue between periods. For more information about adjusted revenue and a reconciliation of revenue to adjusted revenue, see “Management’s Discussion and Analysis of Financial Condition and Results of Operations—Non-GAAP Financial Measures.”

- (5) Average pet acquisition cost is calculated in part based on acquisition cost and net acquisition cost, non-GAAP financial measures. Acquisition cost is defined as sales and marketing expenses, excluding stock-based compensation expense. Net acquisition cost is defined as acquisition cost, net of sign-up fee revenue and other business segment sales and marketing expense. For more information about acquisition cost, net acquisition cost and a reconciliation of sales and marketing expenses to acquisition cost and net acquisition cost, see “Management’s Discussion and Analysis of Financial Condition and Results of Operations—Non-GAAP Financial Measures.”
- (6) Adjusted EBITDA is a non-GAAP financial measure that we define as net loss excluding stock-based compensation expense, depreciation and amortization expense, interest income, interest expense, change in fair value of warrant liabilities and income tax expense (benefit). For more information about Adjusted EBITDA, see “Management’s Discussion and Analysis of Financial Condition and Results of Operations—Non-GAAP Financial Measures.”

Item 7. Management's Discussion and Analysis of Financial Conditions and Results of Operations

Overview

We provide a medical insurance plan for cats and dogs throughout the United States, Canada and Puerto Rico. Our data-driven, vertically-integrated approach enables us to provide pet owners with what we believe is the highest value medical plan for their pets, priced specifically for each pet's unique characteristics. Our growing and loyal member base provides us with highly predictable and recurring revenue. We operate our business similar to other subscription-based businesses, with a focus on maximizing the lifetime value of each pet while sustaining a favorable ratio of lifetime value relative to acquisition cost.

We operate in two business segments: subscription business and other business. We generate revenue in our subscription business segment primarily from subscription fees for our medical plan, which we actively market to consumers. Our medical plan automatically renews on a monthly basis, and members pay the subscription fee at the beginning of each subscription period, in most cases by authorizing us to directly charge their credit card, debit card or bank account through automatic funds transfer. Subscription revenue is recognized on a pro rata basis over the monthly enrollment term. We generate revenue in our other business segment primarily from operations that are not directly marketed to consumers. These policies provide different coverage and are subject to materially different terms and conditions than our primary medical plan.

We generate leads for our subscription business through both third-party referrals and online member acquisition channels, which we then convert into members through our website and contact center. Veterinary practices represent our largest referral source. We engage a national referral network of independent contractors who are paid fees based on activity in their regions, which we refer to as our Territory Partners. Our Territory Partners are dedicated to cultivating direct veterinary relationships and building awareness of the benefits that our medical plan offers veterinarians and their clients. Veterinarians then educate pet owners, who visit our website or call our contact center to learn more about, and potentially enroll in, our medical plan. Our online member acquisition channels serve as important resources for pet owner education and drive new member leads and conversion. We also receive a significant number of new leads from existing members adding pets and referring their friends and family members. We constantly evaluate the effectiveness of our member acquisition channels and marketing initiatives based upon their return on investment, which we measure by comparing the ratio of the lifetime value of a pet generated through each specific channel or initiative to the related pet acquisition cost.

Our revenue increased from \$115.9 million for the year ended December 31, 2014 to \$147.0 million for the year ended December 31, 2015, representing 27% year-over-year growth. We have made and expect to continue to make substantial investments in member acquisition and in expanding our operations. For the year ended December 31, 2015, 2014, and 2013, we had a net loss of \$17.2 million, \$21.2 million and \$8.2 million, respectively. As of December 31, 2015, our accumulated deficit was \$74.4 million.

Key Financial and Operating Metrics

We believe that one of the key operating drivers for any subscription business is the amount of sales and marketing expenses incurred to drive new customer acquisition, which is typically evaluated in relation to lifetime value. In order to assess this metric, we regularly review a number of financial and operating metrics, including per pet unit economics, to evaluate our subscription business, determine the allocation of resources and make decisions regarding business strategy.

The following tables set forth our key financial and operating metrics for our subscription business for the periods ended December 31, 2015, 2014 and 2013 and for each of the last eight fiscal quarters. In 2015, the prior period financial data and metrics have been recast to reflect the movement of certain pets from the subscription business segment to the other business segment. Refer to “Management’s Discussion and Analysis—Basis of Presentation” for further details. Additionally, we have modified our non-GAAP financial measures to include net acquisition cost, which was defined as acquisition cost in prior periods, and modify the definition of acquisition cost used in previous periods to more closely align with how management has begun to view and discuss our business. The calculation of our key metric, average pet acquisition cost, did not change.

	Years Ended December 31,		
	2015	2014	2013
Total pets enrolled (at period end)	291,818	232,450	182,497
Total subscription pets enrolled (at period end)	272,636	215,491	168,405
Monthly adjusted revenue per pet	\$ 45.04	\$ 44.14	\$ 42.56
Lifetime value of a pet (LVP)	\$ 591	\$ 591	\$ 619
Average pet acquisition cost (PAC)	\$ 132	\$ 121	\$ 104
Average monthly retention	98.64%	98.69%	98.65%
Adjusted EBITDA (in thousands)	\$ (11,297)	\$ (10,349)	\$ (4,351)

	Period Ended							
	Dec. 31, 2015	Sept. 30, 2015	Jun. 30, 2015	Mar. 31, 2015	Dec. 31, 2014	Sept. 30, 2014	Jun. 30, 2014	Mar. 31, 2014
Total pets enrolled (at period end)	291,818	276,988	259,948	246,106	232,450	221,479	207,969	194,902
Total subscription pets enrolled (at period end)	272,636	258,546	241,808	228,409	215,491	205,194	192,338	179,819
Monthly adjusted revenue per pet	\$ 45.48	\$ 45.15	\$ 45.10	\$ 44.34	\$ 44.79	\$ 44.88	\$ 43.60	\$ 43.07
Lifetime value of a pet (LVP)	\$ 591	\$ 591	\$ 570	\$ 567	\$ 591	\$ 580	\$ 602	\$ 612
Average pet acquisition cost (PAC)	\$ 132	\$ 129	\$ 133	\$ 134	\$ 145	\$ 115	\$ 114	\$ 113
Average monthly retention	98.64%	98.66%	98.67%	98.66%	98.69%	98.67%	98.65%	98.65%
Adjusted EBITDA (in thousands)	\$ (1,588)	\$ (3,211)	\$ (3,165)	\$ (3,333)	\$ (2,903)	\$ (2,908)	\$ (2,459)	\$ (2,079)

Total pets enrolled. Total pets enrolled reflects the number of pets subscribed to either our plan or one of the insurance products offered in our other business segment at the end of each period presented. We monitor total pets enrolled because it provides an indication of the growth of our consolidated business.

Total subscription pets enrolled. Total subscription pets enrolled reflects the number of pets subscribed to the plan marketed by Trupanion at the end of each period presented. We monitor total subscription pets enrolled because it provides an indication of the growth of our subscription business.

Monthly adjusted revenue per pet. Monthly adjusted revenue per pet is calculated as adjusted revenue divided by the total number of subscription pet months in the period. Adjusted revenue, a non-GAAP financial measure, is calculated as subscription business revenue, excluding sign-up fee revenue and the change in deferred revenue. We exclude sign-up fee revenue since it is collected at the time a new pet is enrolled and is used to partially offset initial setup costs, which are included in sales and marketing expenses. We exclude changes in deferred revenue in order to present monthly adjusted revenue per pet in a consistent manner across periods. Total subscription pet months in a period represents the sum of all pets enrolled for each month during the period. We monitor monthly adjusted revenue per pet because it is an indicator of the per unit economics of our business.

Lifetime value of a pet. Lifetime value of a pet (LVP) is calculated in part based on gross profit from our subscription business segment for the 12 months prior to the period end date excluding stock-based compensation expense related to cost of revenue from our subscription business segment, sign-up fee revenue and the change in deferred revenue between periods, multiplied by the implied average subscriber life in months. Implied average subscriber life in months is calculated as the quotient obtained by dividing one by one minus the average monthly retention rate. We monitor LVP to assess how much lifetime value we might expect from new pets over their implied average subscriber life in months and to evaluate the amount of sales and marketing expenses we may want to incur to attract new pet enrollments.

Average pet acquisition cost. Pet acquisition cost (PAC) is calculated as net acquisition cost divided by the total number of new pets enrolled in that period. Net acquisition cost, a non-GAAP financial measure, is calculated in a reporting period as sales and marketing expenses, excluding stock-based compensation, offset by sign-up fee revenue and other business segment sales and marketing expenses. We offset sales and marketing expenses with sign-up fee revenue since it is a one-time charge to new members used to partially offset initial setup costs, which are included in sales and marketing expenses. We monitor average pet acquisition cost to evaluate the efficiency of our sales and marketing programs in acquiring new members and measure effectiveness using the ratio of our lifetime value of a pet to average pet acquisition cost.

Average monthly retention. Average monthly retention is measured as the monthly retention rate of enrolled pets for each applicable period averaged over the 12 months prior to the period end date. As such, our average monthly retention rate as of December 31, 2015 is an average of each month's retention from January 1, 2015 through December 31, 2015. We calculate monthly retention as the number of pets that remain after subtracting all pets that cancel during a month, including pets that enroll and cancel within that month, divided by the total subscription pets enrolled at the beginning of that month. We monitor average monthly retention because it provides a measure of member satisfaction and allows us to calculate the implied average subscriber life in months and manage our business.

Adjusted EBITDA. Adjusted EBITDA is a non-GAAP financial measure that we define as net loss excluding stock-based compensation expense, depreciation and amortization expense, interest income, interest expense, change in fair value of warrant liabilities and income tax (benefit) expense. For more information about adjusted EBITDA and a reconciliation of net loss to adjusted EBITDA, see Non-GAAP Financial Measures below.

Non-GAAP Financial Measures

We believe that using adjusted revenue, acquisition cost, net acquisition cost and adjusted EBITDA to calculate and present certain of our other key metrics is helpful to our investors. These measures, which are non-GAAP financial measures, are not prepared in accordance with U.S. GAAP. We define adjusted revenue as revenue from our subscription business segment excluding sign-up fee revenue and the change in deferred revenue between periods. We define acquisition cost as sales and marketing expenses, excluding stock-based compensation expense. We define net acquisition cost as acquisition cost net of sign-up fee revenue and other business segment sales and marketing expenses. We define adjusted EBITDA as net loss excluding stock-based compensation expense, depreciation and amortization expense, interest income, interest expense, change in fair value of warrant liabilities and income tax expense (benefit).

Our non-GAAP financial measures may not provide information that is directly comparable to that provided by other companies in our industry as other companies in our industry may calculate or use non-GAAP financial measures differently. In addition, there are limitations in using non-GAAP financial measures because the non-GAAP financial measures are not prepared in accordance with GAAP, may be different from non-GAAP financial measures used by other companies and exclude expenses that may have a material impact on our reported financial results. Further, stock-based compensation expense and other items used in the calculation of adjusted EBITDA have been and will continue to be for the foreseeable future significant recurring expenses in our business. The presentation and utilization of non-GAAP financial measures is not meant to be considered in isolation or as a substitute for the directly comparable financial measures prepared in accordance with GAAP. We urge our investors to review the reconciliation of our non-GAAP financial measures to the most directly comparable GAAP financial measures in our consolidated financial statements that is included below, and not to rely on any single financial or operating measure to evaluate our business.

Because of varying available valuation methodologies, subjective assumptions and the variety of equity instruments that can impact a company's non-cash expenses, we believe that providing non-GAAP financial measures such as acquisition cost, net acquisition cost and adjusted EBITDA that exclude stock-based compensation expense and, in the case of adjusted EBITDA, the change in fair value of warrant liabilities allows for more meaningful comparisons between our operating results from period to period. We exclude sign-up fee revenue from the calculation of adjusted revenue because we collect it from new members at the time of enrollment and consider it to be an offset to a portion of our sales and marketing expenses. For this reason, we also net sign-up fees with sales and marketing expenses in our calculation of net acquisition cost. We exclude changes in deferred revenue from the calculation of adjusted revenue in order to eliminate fluctuations caused by the timing of pet enrollment during the last month of any particular period in which such measures are being presented or utilized. We exclude the change in fair value of warrant liabilities from our calculation of adjusted EBITDA in order to eliminate

fluctuations caused by changes in our stock price. We believe this allows us to calculate and present adjusted revenue, acquisition cost, and net acquisition cost and the related financial measures we derive from them, as well as adjusted EBITDA, in a consistent manner across periods. Our non-GAAP financial measures and the related financial measures we derive from them are important tools for financial and operational decision-making and for evaluating our own operating results over different periods of time.

The following table reflects the reconciliation of adjusted revenue to revenue:

	Years Ended December 31,		
	2015	2014	2013
	(in thousands)		
Revenue	\$ 146,963	\$ 115,910	\$ 83,829
Excluding:			
Other business revenue	(13,557)	(12,408)	(7,416)
Change in deferred revenue	1,450	978	1,107
Sign-up fee revenue	(1,983)	(1,572)	(1,418)
Adjusted revenue	<u>\$ 132,873</u>	<u>\$ 102,908</u>	<u>\$ 76,102</u>

	Three Months Ended							
	Dec. 31, 2015	Sept. 30, 2015	Jun. 30, 2015	Mar. 31, 2015	Dec. 31, 2014	Sept. 30, 2014	Jun. 30, 2014	Mar. 31, 2014
	(in thousands)							
Revenue	\$ 40,201	\$ 37,865	\$ 35,587	\$ 33,310	\$ 31,868	\$ 30,312	\$ 28,090	\$ 25,640
Excluding:								
Other business revenue	(3,479)	(3,445)	(3,379)	(3,254)	(3,251)	(3,200)	(3,178)	(2,779)
Change in deferred revenue	378	423	321	328	247	385	84	262
Sign-up fee revenue	(506)	(542)	(451)	(484)	(363)	(425)	(407)	(377)
Adjusted revenue	<u>\$ 36,594</u>	<u>\$ 34,301</u>	<u>\$ 32,078</u>	<u>\$ 29,900</u>	<u>\$ 28,501</u>	<u>\$ 27,072</u>	<u>\$ 24,589</u>	<u>\$ 22,746</u>

The following table reflects the reconciliation of acquisition cost and net acquisition cost to sales and marketing expenses:

	Years Ended December 31,		
	2015	2014	2013
	(in thousands)		
Sales and marketing expenses	\$ 15,231	\$ 11,608	\$ 9,091
Excluding:			
Stock-based compensation expense	(446)	(553)	(677)
Acquisition cost	14,785	11,055	8,414
Net of:			
Sign-up fee revenue	(1,983)	(1,572)	(1,418)
Other business segment sales and marketing expense	(80)	(124)	(21)
Net acquisition cost	\$ 12,722	\$ 9,359	\$ 6,975

	Three Months Ended							
	Dec. 31, 2015	Sept. 30, 2015	Jun. 30, 2015	Mar. 31, 2015	Dec. 31, 2014	Sept. 30, 2014	Jun. 30, 2014	Mar. 31, 2014
	(in thousands)							
Sales and marketing expenses	\$ 3,919	\$ 4,128	\$ 3,533	\$ 3,651	\$ 3,218	\$ 2,934	\$ 2,810	\$ 2,646
Excluding:								
Stock-based compensation expense	(104)	(102)	(110)	(130)	(147)	(115)	(144)	(149)
Acquisition cost	3,815	4,026	3,423	3,521	3,071	2,819	2,666	2,497
Net of:								
Sign-up fee revenue	(506)	(542)	(451)	(484)	(363)	(425)	(407)	(377)
Other business segment sales and marketing expense	(8)	(16)	(30)	(26)	(30)	(22)	(28)	(44)
Net acquisition cost	\$ 3,301	\$ 3,468	\$ 2,942	\$ 3,011	\$ 2,678	\$ 2,372	\$ 2,231	\$ 2,076

The following table reflects the reconciliation of adjusted EBITDA to net loss:

	Years Ended December 31,		
	2015	2014	2013
	(in thousands)		
Net loss	\$ (17,205)	\$ (21,177)	\$ (8,175)
Excluding:			
Stock-based compensation expense	3,002	4,084	1,938
Depreciation and amortization expense	2,542	1,675	892
Interest income	(75)	(74)	(102)
Interest expense	325	6,726	645
Change in fair value of warrant liabilities	—	(1,575)	543
Income tax expense (benefit)	114	(8)	(92)
Adjusted EBITDA	\$ (11,297)	\$ (10,349)	\$ (4,351)

	Three Months Ended							
	Dec. 31, 2015	Sept. 30, 2015	Jun. 30, 2015	Mar. 31, 2015	Dec. 31, 2014	Sept. 30, 2014	Jun. 30, 2014	Mar. 31, 2014
	(in thousands)							
Net loss	\$ (3,001)	\$ (4,643)	\$ (4,625)	\$ (4,936)	\$ (4,276)	\$ (8,509)	\$ (3,479)	\$ (4,913)
Excluding:								
Stock-based compensation expense	653	749	897	703	890	2,001	626	567
Depreciation and amortization expense	741	672	563	566	441	505	419	310
Interest income	(19)	(19)	(18)	(19)	(18)	(20)	(18)	(18)
Interest expense	26	14	40	245	103	5,155	726	742
Change in fair value of warrant liabilities	—	—	—	—	—	(2,054)	(740)	1,219
Income tax expense (benefit)	12	16	(22)	108	(43)	14	7	14
Adjusted EBITDA	\$ (1,588)	\$ (3,211)	\$ (3,165)	\$ (3,333)	\$ (2,903)	\$ (2,908)	\$ (2,459)	\$ (2,079)

Factors Affecting Our Performance

Average monthly retention. Our performance depends on our ability to continue to retain our existing and newly enrolled pets and is impacted by our ability to provide a best-in-class value and member experience. Our ability to maintain the retention rate of enrolled pets may be affected by a number of factors, including the actual and perceived value of our services and the quality of our member experience, our claims payment process and the competitive environment. In addition, if the number of new pets enrolled increases at a faster rate than our historical experience, our average monthly retention rate could be adversely impacted, as our retention rate is generally lower during the first year of member enrollment.

Investment in pet acquisition. We have made and plan to continue to make significant investments to grow our member base. Our net acquisition cost and the number of new members we enroll depends on a number of factors, including the amount we elect to invest in sales and marketing activities in any particular period in the aggregate and by channel, effectiveness of our sales execution and marketing initiatives, changes in costs of media, the mix of our sales and marketing expenditures and the competitive environment. Our average pet acquisition cost has in the past significantly varied and in the future may significantly vary from period to period based upon specific marketing initiatives and the actual or expected relationship to LVP. For example, veterinary trade show costs may increase our average pet acquisition costs (historically, during the first quarter of each year) and the timing of our Territory Partner conference may increase our average pet acquisition cost in a given period (historically, during the fourth quarter of each year). We also regularly test new member acquisition channels and marketing initiatives, which may be more expensive than our traditional marketing channels and increase our average acquisition costs. We plan to expand the number of Territory Partners and continue testing new member acquisition channels and marketing initiatives, which is likely to increase our average pet acquisition cost. We continually assess our sales and marketing activities by monitoring the ratio of LVP to PAC.

Timing of initiatives. Over time we plan to implement new initiatives to improve our member experience, make modifications to our medical plan and find other ways to maintain a strong value proposition for our members. These initiatives will sometimes be accompanied by price adjustments, in order to compensate for an increase in benefits received by our members. The implementation of such initiatives may not always coincide with the timing of price adjustments resulting in fluctuations in revenue and gross profit in our subscription business segment.

Geographic mix of sales. The relative mix of our business between the United States and Canada impacts the monthly adjusted revenue per pet we receive. Prices for our plan in Canada are generally higher than in the United States, which is consistent with the relative cost of veterinary care in each country. As our revenue has grown faster in the United States compared to Canada, this geographic shift in the mix of business has reduced the growth in our monthly adjusted revenue per pet. In addition, as our mix of revenue changes between the United States and Canada, our exposure to foreign exchange fluctuations will be impacted.

Other business segment. Our other business segment includes revenue and expenses related to our writing of policies for an unaffiliated general agent. This relationship can be canceled by the unaffiliated general agent within 360 days' notice and we are unlikely to be able to replace it with a similar contract quickly, if at all. A cancellation of this contract would result in the policies and revenue being run off over a period of 12 months and could have a material impact on our results of operations. Our other business segment also includes revenue and expenses related to policies written under a federal government program. We may enter into additional relationships to the extent we believe they will be profitable to us, which could also impact our operating results.

Basis of Presentation

General

We operate in two business segments: subscription business and other business. Our subscription business segment includes revenue and expenses related to monthly subscriptions for our medical plan, which we actively market to consumers. Our other business segment includes revenue and expenses related to our other operations that are not directly marketed to consumers. During 2015, we began reporting certain pets previously included in our subscription business segment in our other business segment due to the characteristics of this business being marketed to enterprises rather than consumers, similar to other arrangements within the other business segment. These pets were previously included in our subscription business segment. Segment information for prior periods has been recast to reflect this change. We report our financial information in accordance with U.S. GAAP.

Revenue

We generate revenue in our subscription business segment primarily from subscription fees for our medical plan. Our medical plan automatically renews on a monthly basis, and members pay the subscription fee at the beginning of each subscription period, in most cases by authorizing us to directly charge their credit card, debit card or bank account through automatic funds transfer. Subscription revenue is recognized on a pro rata basis over the monthly enrollment term. Membership may be canceled at any time without penalty, and we issue a refund for the unused portion of the canceled membership.

We generate revenue in our other business segment primarily from writing policies which are not directly marketed to consumers. Revenue from our other business segment is recognized on a pro rata basis over the enrollment term for each policy.

Cost of Revenue

Cost of revenue in each of our segments is comprised of claims expenses and other cost of revenue.

Claims expenses

Claims expenses include claims incurred, the cost of personnel administering the claims and providing member service relating to the claims and other operating expenses directly or indirectly related to claims administration. Claims incurred are the claims approved for payment plus an accrual for claims incurred that have not yet been submitted or approved for payment. This accrual is based on our historical experience and developments in claims frequency and severity and the cost of veterinary care, and also includes the cost of administering such claims.

Other cost of revenue

Other cost of revenue for our subscription business segment includes direct and indirect member service expenses, renewal fees to our independent referral network, credit card transaction fees and premium tax expenses. Other cost of revenue for our other business segment includes the commission we pay to the unaffiliated general agent and premium taxes on other policies in this segment.

For both our subscription business and our other business segments, we generally expect our cost of revenue to remain relatively constant as a percentage of revenue, although there may be some periodic variability due to a number of factors including the rate of claims occurrences during such periods. Claims expenses as a percentage of our subscription business revenue may increase over time as part of our strategy to return more value to our members to further enhance our member experience, retention rates and lifetime value of a pet. We currently expect that, in the long-term, such increases generally would be offset by economies of scale in our other cost of revenue.

Gross Profit

Gross profit is total revenue less cost of revenue. We expect gross profit as a percentage of revenue in our subscription segment to remain relatively consistent in the long-term, although there has been and may be in the future some periodic variability due to a number of factors, including the rate of claims occurrences during such periods and in the timing and significance of our pricing adjustments. The timing of our implementation of various initiatives to improve the experience of our members also may affect gross profit in the short-term. Further, as the mix of subscription business and other business changes and as we add or modify relationships in our other business segment, this may impact our total gross profit as a percentage of revenue.

Operating Expenses

Our operating expenses are classified into three categories: sales and marketing, technology and development, and general and administrative. For each category, the largest component is personnel costs, which include salaries, employee benefit costs, bonuses and stock-based compensation.

Sales and Marketing

Sales and marketing expenses primarily consist of costs to educate veterinarians and policy holders about our policy, converting leads to enrolled pets, print, online and promotional advertising costs, strategic partnership fees and employee compensation and related costs. Sales and marketing expenses are driven primarily by investments to acquire new members. We plan to continue to invest in existing and new member acquisition channels and marketing initiatives to grow our business. Investments in new member acquisition channels and marketing initiatives are generally more expensive than our traditional marketing channels and increase our average pet acquisition cost. We expect sales and marketing expenses to increase in absolute dollars, although it may fluctuate as a percentage of revenue. We generally target a ratio of lifetime value of a pet to average pet acquisition cost of 5 to 1.

Technology and Development

Technology and development expenses primarily consist of personnel costs and related expenses for our operations staff, which includes information technology development and infrastructure support, third-party services and depreciation of hardware and amortization of capitalized software and intangible assets. We expect technology and development expenses to decrease in absolute dollars and decrease as a percentage of revenue in the near term as fewer resources are needed for the development of our direct pay technology.

General and Administrative

General and administrative expenses consist primarily of personnel costs and related expenses for our finance, actuarial, human resources, regulatory, legal, general management functions, as well as facilities and professional services. We expect general and administrative expenses to decrease as a percentage of revenue as we begin to experience scale in our fixed costs.

Results of Operations

The following tables set forth our results of operations for the periods presented both in absolute dollars and as a percentage of our revenue for those periods. The period-to-period comparison of financial results is not necessarily indicative of future results.

In 2015, the prior period financial data and metrics have been recast to reflect the movement of certain pets from the subscription business segment to the other business segment. Refer to “—Basis of Presentation” for further details.

	Years Ended December 31,		
	2015	2014	2013
	(in thousands)		
Consolidated Statements of Operations Data:			
Revenue:			
Subscription business	\$ 133,406	\$ 103,502	\$ 76,413
Other business	13,557	12,408	7,416
Total revenue	146,963	115,910	83,829
Cost of revenue:			
Subscription business ⁽¹⁾	109,428	85,169	61,394
Other business	12,306	10,867	6,791
Total cost of revenue	121,734	96,036	68,185
Gross profit:			
Subscription business	23,978	18,333	15,019
Other business	1,251	1,541	625
Total gross profit	25,229	19,874	15,644
Operating expenses:			
Sales and marketing ⁽¹⁾	15,231	11,608	9,091
Technology and development ⁽¹⁾	11,215	9,899	4,888
General and administrative ⁽¹⁾	15,558	14,312	8,652
Total operating expenses	42,004	35,819	22,631
Operating loss	(16,775)	(15,945)	(6,987)
Interest expense	325	6,726	609
Other (income) expense, net	(9)	(1,487)	671
Loss before income taxes	(17,091)	(21,184)	(8,267)
Income tax expense (benefit)	114	(7)	(92)
Net loss	\$ (17,205)	\$ (21,177)	\$ (8,175)

(1) Includes stock-based compensation expense as follows:

	Years Ended December 31,		
	2015	2014	2013
	(in thousands)		
Cost of revenue	\$ 263	\$ 315	\$ 230
Sales and marketing	446	553	677
Technology and development	404	461	351
General and administrative	1,889	2,755	680
Total stock-based compensation expense	\$ 3,002	\$ 4,084	\$ 1,938

	Years Ended December 31,		
	2015	2014	2013
Revenue	100 %	100 %	100 %
Cost of revenue	83	83	81
Gross profit	17	17	19
Operating expenses:			
Sales and marketing	10	10	11
Technology and development	8	9	6
General and administrative	11	12	10
Total operating expenses	29	31	27
Operating loss	(12)	(14)	(8)
Interest expense	—	5	1
Other (income) expense, net	—	(1)	1
Loss before income taxes	(12)	(18)	(10)
Income tax expense (benefit)	—	—	—
Net loss	(12)%	(18)%	(10)%

	Years Ended December 31,		
	2015	2014	2013
Subscription business revenue	100%	100%	100%
Subscription business cost of revenue	82	82	80
Subscription business gross profit	18%	18%	20%

In 2015, the prior period financial data and metrics have been recast to reflect the movement of certain pets from the subscription business segment to the other business segment. Refer to “Management’s Discussion and Analysis—Basis of Presentation” for further details.

Comparison of the years ended December 31, 2015, 2014 and 2013

Revenue

	Years Ended December 31,			2015 to 2014 % Change	2014 to 2013 % Change
	2015	2014	2013		
	(in thousands, except percentages, pet and per pet data)				
Revenue:					
Subscription business	\$ 133,406	\$ 103,502	\$ 76,413	29%	35%
Other business	13,557	12,408	7,416	9	67
Total revenue	\$ 146,963	\$ 115,910	\$ 83,829	27	38
Percentage of Revenue by Segment:					
Subscription business	91%	89%	91%		
Other business	9	11	9		
Total revenue	100%	100%	100%		
Subscription Business:					
Total pets enrolled (at period end)	291,818	232,450	182,497	26	27
Total subscription pets enrolled (at period end)	272,636	215,491	168,405	27	28
Monthly adjusted revenue per pet	\$ 45.04	\$ 44.14	\$ 42.56	2	4
Average monthly retention	98.64%	98.69%	98.65%		

Year ended December 31, 2015 compared to year ended December 31, 2014. Total revenue increased by \$31.1 million to \$147.0 million for the year ended December 31, 2015, or 27%. Revenue from our subscription business segment increased by \$29.9 million to \$133.4 million for the year ended December 31, 2015, or 29%. The increase in subscription business revenue was primarily due to a 27% increase in total subscription pets enrolled as of December 31, 2015 compared to December 31, 2014. Adjusted revenue per pet increased from \$44.14 to \$45.04, or 2%, for the same period due to increases in pricing to cover the increased cost of veterinary care. The impact of the increase was partially offset by an approximate \$4.8 million impact of foreign exchange rates on our Canadian revenue. Revenue from our other business segment increased \$1.2 million to \$13.6 million for the year ended December 31, 2015, or 9%, due to an increase in enrolled pets in this segment.

Year ended December 31, 2014 compared to year ended December 31, 2013. Total revenue increased by \$32.1 million to \$115.9 million for the year ended December 31, 2014, or 38%. Revenue for our subscription business segment increased by \$27.1 million to \$103.5 million for the year ended December 31, 2014, or 35%. This increase in subscription business revenue was primarily due to a 28% increase in total subscription pets enrolled as of December 31, 2014 compared to December 31, 2013. Adjusted revenue per pet increased from \$42.56 to \$44.14, or 4%, for the same period due to pricing increases. The impact of the increase was partially offset by an approximate \$2.1 million impact of foreign exchange rates on our Canadian revenue. Revenue from our other business segment increased \$4.9 million to \$12.4 million for the year ended December 31, 2014, as a result of the remaining policies written for the unaffiliated general agent being transferred to us from its previous underwriting company, whereas only a portion of such policies had been transferred from its previous underwriting company during the year ended December 31, 2013. Included in the increase in our other business revenue is \$0.9 million related to medical plans under a federal government program that started in March 2014.

Cost of Revenue

	Years Ended December 31,			2015 to 2014 % Change	2014 to 2013 % Change
	2015	2014	2013		
(in thousands, except percentages)					
Cost of Revenue:					
Subscription business:					
Claims expenses	\$ 95,420	\$ 74,206	\$ 53,288	29%	39%
Other cost of revenue	14,008	10,963	8,106	28	35
Total cost of revenue	109,428	85,169	61,394	28	39
Gross profit	23,978	18,333	15,019	31	22
Other business:					
Claims expenses	7,904	5,707	3,349	38	70
Other cost of revenue	4,402	5,160	3,442	(15)	50
Total cost of revenue	12,306	10,867	6,791	13	60
Gross profit	1,251	1,541	625	(19)	147
Total pets enrolled (at period end)	291,818	232,450	182,497	26	27
Total subscription pets enrolled (at period end)	272,636	215,491	168,405	27	28
Percentage of Revenue by Segment:					
Subscription business:					
Claims expenses	72%	72%	70%		
Other cost of revenue	10	11	11		
Total cost of revenue	82	82	80		
Gross profit	18	18	20		
Other business:					
Claims expenses	58	46	45		
Other cost of revenue	32	42	46		
Total cost of revenue	91	88	92		
Gross profit	9	12	7		

Year ended December 31, 2015 compared to year ended December 31, 2014. Cost of revenue for our subscription business segment was \$109.4 million, or 82% of revenue, for the year ended December 31, 2015, compared to \$85.2 million or 82% of revenue for the year ended December 31, 2014. This \$24.3 million increase in subscription cost of revenue was primarily the result of a 27% increase in enrolled pets and a 29% increase in claims expense for our subscription business. Compensation expense and related costs increased by \$1.8 million due to a 12% increase in employee headcount to service our growth and improve our member experience. There was an additional \$3.5 million benefit of foreign exchange rates on our Canadian costs.

Cost of revenue for our other business segment increased \$1.4 million to \$12.3 million for the year ended December 31, 2015, due to an increase in enrolled pets in this segment. Our employer paid pets in this segment have historically been at a lower margin than other pets in this segment and they have increased 14% from 2014 to 2015, decreasing our other business segment gross margin from 12% to 9%.

Year ended December 31, 2014 compared to year ended December 31, 2013. Cost of revenue for our subscription business segment was \$85.2 million, or 82% of revenue, for the year ended December 31, 2014, compared to \$61.4 million, or 80% of revenue, for the year ended December 31, 2013. This \$23.8 million increase in subscription cost of revenue was the result of an increase in claims expenses, which were 72% of revenue for the year ended December 31, 2014, compared to 70% of revenue for the year ended December 31, 2013. We have in the past and expect in the future to experience fluctuations in the claims ratio from quarter to quarter. During 2014, the claims expense ratio was higher than our historical average due to a higher frequency of claims than previous periods, which primarily was driven by the implementation of several key initiatives designed to improve our member experience. In addition, compensation expense and related costs increased by \$1.7 million due to a 43% increase in employee headcount to service our growth and improve our member experience.

Cost of revenue for our other business segment increased \$4.1 million to \$10.9 million for the year ended December 31, 2014. This increase is primarily a result of having the full business for the unaffiliated general agent for the entire twelve months of 2014, as well as the addition of a government program that began in 2014.

Sales and Marketing Expenses

	Years Ended December 31,			2015 to 2014 % Change	2014 to 2013 % Change
	2015	2014	2013		
	(in thousands, except percentages and per pet data)				
Sales and marketing	\$ 15,231	\$ 11,608	\$ 9,091	31%	28%
Percentage of total revenue	10%	10%	11%		

Subscription Business:

Total subscription pets enrolled (at period end)	272,636	215,491	168,405	27	28
Average pet acquisition cost (PAC)	\$ 132	\$ 121	\$ 104	9	16
Lifetime Value of Pet (LVP)	\$ 591	\$ 591	\$ 619	—	(5)

Year ended December 31, 2015 compared to year ended December 31, 2014. Sales and marketing expenses increased \$3.6 million to \$15.2 million for the year ended December 31, 2015, or 31%, yet remained consistent as a percentage of revenue. The increase in sales and marketing expenses was primarily due to an increase of \$0.5 million in expenditures related to new and expanded online marketing initiatives and public relations, a \$0.8 million increase in print advertising and brand development and a \$1.1 million increase related to developing our territory partner network and support functions. Additionally, there was a \$1.1 million increase in compensation related costs and recruiting due to increased headcount in the sales and marketing department. Commissions to our territory partners increased \$0.3 million based on increased enrollments.

Year ended December 31, 2014 compared to year ended December 31, 2013. Sales and marketing expenses increased \$2.5 million to \$11.6 million for the year ended December 31, 2014, or 28%. The increase in sales and marketing expenses was primarily due to an increase of \$0.7 million in expenditures related to new and expanded online marketing initiatives, a \$0.7 million increase in print advertising and brand development and a \$0.6 million increase related to developing our territory partner network. Additionally, compensation related costs increased \$0.3 million due to increased headcount in the sales and marketing department. Finally, commissions to our territory partners increased \$0.2 million based on increased enrollments.

Technology and Development Expenses

	Years Ended December 31,			2015 to 2014 % Change	2014 to 2013 % Change
	2015	2014	2013		
	(in thousands, except percentages)				
Technology and development	\$ 11,215	\$ 9,899	\$ 4,888	13%	103%
Percentage of total revenue	8%	9%	6%		

Year ended December 31, 2015 compared to year ended December 31, 2014. Technology and development expenses increased \$1.3 million to \$11.2 million for the year ended December 31, 2015 or 13%. This increase was partially due to a \$0.4 million increase related to infrastructure growth to support our growing business. Depreciation and amortization expense increased by \$0.6 million as new projects relating to prior years were placed into service in 2015. Additionally, there was a \$0.2 million increase in costs related to our direct pay initiative. Total expenses, net of capitalization, in technology related to our direct pay claims processing initiative were \$4.3 million in 2015 and \$4.4 million in 2014. Of these amounts, depreciation expense comprised \$0.8 million in 2015 and \$0.6 million in 2014.

Year ended December 31, 2014 compared to year ended December 31, 2013. Technology and development expenses increased \$5.0 million to \$9.9 million for the year ended December 31, 2014, or 103%. The increase was primarily due to a \$4.2 million increase in compensation expense and related costs as a result of increased headcount as we made investments in new technology infrastructure, and a \$0.5 million increase in system hosting to support our infrastructure growth. In addition, \$0.2 million of the total increase was due to software licenses and fees as a result of our company growth. Total expenses, net of capitalization, in technology related to claims processing improvements were \$4.4 million in 2014 and \$1.4 million in 2013.

General and Administrative Expenses

	Years Ended December 31,			2015 to 2014 % Change	2014 to 2013 % Change
	2015	2014	2013		
	(in thousands, except percentages)				
General and administrative	\$ 15,558	\$ 14,312	\$ 8,652	9%	65%
Percentage of total revenue	11%	12%	10%		

Year ended December 31, 2015 compared to year ended December 31, 2014. General and administrative expenses increased \$1.2 million to \$15.6 million for the year ended December 31, 2015, or 9%. The increase in general and administrative expenses was primarily due to an increase in salaries and related expenses of \$0.5 million resulting from increases in headcount. Regulatory fees incurred in our normal course of business increased \$0.4 million, and depreciation and amortization increased \$0.3 million due to property and equipment additions placed into service late in 2014.

Year ended December 31, 2014 compared to year ended December 31, 2013. General and administrative expenses increased \$5.7 million to \$14.3 million for the year ended December 31, 2014, or 65%. The increase in general and administrative expenses was primarily due to the recognition of stock-based compensation expense that was contingent upon our IPO of \$1.4 million. Salaries and related expenses increased \$1.8 million due to increased headcount to support our growth, transition to being a public company and a severance agreement with a former employee. Additionally, regulatory expenses increased \$0.5 million due to contingent regulatory matters and we incurred \$0.8 million related to public company readiness activities.

Other (Income) Expense, Net

	Years Ended December 31,		
	2015	2014	2013
	(in thousands)		
Interest expense	\$ 325	\$ 6,726	\$ 609
Other (income) expense, net	(9)	(1,487)	671
Total other expense, net	\$ 316	\$ 5,239	\$ 1,280

Year ended December 31, 2015 compared to year ended December 31, 2014. Other expense, net for the year ended December 31, 2015 decreased \$4.9 million to \$0.3 million. This was primarily due to a decrease in interest expense associated with the repayment of debt and the expensing of unamortized debt discounts associated with the repayment of debt in 2014, partially offset by the revaluation of warrants classified as liabilities which resulted in other income in the prior year.

Year ended December 31, 2014 compared to year ended December 31, 2013. Other expenses, net for the year ended December 31, 2014 increased \$4.0 million to \$5.2 million. This increase was primarily due to the expensing of unamortized debt discounts associated with the repayment of debt, partially offset by income from the revaluation of warrants classified as liabilities in our consolidated balance sheet during 2014.

Quarterly Results of Operations

The following tables set forth selected unaudited quarterly statements of operations data for the last eight fiscal quarters. The unaudited interim financial statements for each of these quarters have been prepared on the same basis as the audited financial statements included elsewhere in this prospectus and, in the opinion of management, reflect all adjustments, which include only normal recurring adjustments, necessary to present a fair statement of our results of operations and financial position for these periods. This data should be read in conjunction with the audited consolidated financial statements and accompanying notes included elsewhere in this prospectus. These quarterly operating results are not necessarily indicative of our operating results for any future period.

In 2015, the prior period financial data and metrics have been recast to reflect the movement of pets from the subscription business segment to the other business segment. Refer to “—Basis of Presentation” for further details.

	Three Months Ended							
	Dec. 31, 2015	Sept. 30, 2015	Jun. 30, 2015	Mar. 31, 2015	Dec. 31, 2014	Sept. 30, 2014	Jun. 30, 2014	Mar. 31, 2014
	(in thousands)							
Consolidated Statements of Operations Data:								
Revenue:								
Subscription business	\$ 36,722	\$ 34,420	\$ 32,208	\$ 30,056	\$ 28,617	\$ 27,112	\$ 24,912	\$ 22,861
Other business	3,479	3,445	3,379	3,254	3,251	3,200	3,178	2,779
Total revenue	40,201	37,865	35,587	33,310	31,868	30,312	28,090	25,640
Cost of revenue:								
Subscription business ⁽¹⁾	29,856	28,145	26,661	24,766	23,456	23,051	20,273	18,388
Other business	3,075	3,129	3,140	2,962	2,888	2,816	2,667	2,496
Total cost of revenue	32,931	31,274	29,801	27,728	26,344	25,867	22,940	20,884
Gross profit:								
Subscription business	6,866	6,274	5,547	5,290	5,161	4,061	4,639	4,473
Other business	404	317	239	292	363	384	511	283
Total gross profit	7,270	6,591	5,786	5,582	5,524	4,445	5,150	4,756
Operating expenses:								
Sales and marketing ⁽¹⁾	3,919	4,128	3,533	3,651	3,218	2,934	2,810	2,646
Technology and development ⁽¹⁾	2,533	3,005	2,879	2,798	2,614	2,532	2,553	2,200
General and administrative ⁽¹⁾	3,798	4,067	3,996	3,697	3,850	4,385	3,292	2,786
Total operating expenses	10,250	11,200	10,408	10,146	9,682	9,851	8,655	7,632
Operating loss	(2,980)	(4,609)	(4,622)	(4,564)	(4,158)	(5,406)	(3,505)	(2,876)
Interest expense	26	14	40	245	103	5,155	726	736
Other (income) expense, net	(17)	4	(15)	19	58	(2,066)	(759)	1,286
Loss before income taxes	(2,989)	(4,627)	(4,647)	(4,828)	(4,319)	(8,495)	(3,472)	(4,898)
Income tax expense (benefit)	12	16	(22)	108	(43)	14	7	15
Net loss	\$ (3,001)	\$ (4,643)	\$ (4,625)	\$ (4,936)	\$ (4,276)	\$ (8,509)	\$ (3,479)	\$ (4,913)

	Period Ended							
	Dec. 31, 2015	Sept. 30, 2015	Jun. 30, 2015	Mar. 31, 2015	Dec. 31, 2014	Sept. 30, 2014	Jun. 30, 2014	Mar. 31, 2014
Other Financial and Operational Data⁽²⁾:								
Total pets enrolled	291,818	276,988	259,948	246,106	232,450	221,479	207,969	194,902
Total subscription pets enrolled	272,636	258,546	241,808	228,409	215,491	205,194	192,338	179,819
Monthly adjusted revenue per pet ⁽³⁾	\$ 45.48	\$ 45.15	\$ 45.10	\$ 44.34	\$ 44.79	\$ 44.88	\$ 43.60	\$ 43.07
Lifetime value of a pet	\$ 591	\$ 591	\$ 570	\$ 567	\$ 591	\$ 580	\$ 602	\$ 612
Average pet acquisition cost ⁽⁴⁾	\$ 132	\$ 129	\$ 133	\$ 134	\$ 145	\$ 115	\$ 114	\$ 113
Average monthly retention	98.64%	98.66%	98.67%	98.66%	98.69%	98.67%	98.65%	98.65%
Adjusted EBITDA (in thousands) ⁽⁵⁾	\$ (1,588)	\$ (3,211)	\$ (3,165)	\$ (3,333)	\$ (2,903)	\$ (2,908)	\$ (2,459)	\$ (2,079)

⁽¹⁾ Includes stock-based compensation as follows:

	Three Months Ended							
	Dec. 31, 2015	Sept. 30, 2015	Jun. 30, 2015	Mar. 31, 2015	Dec. 31, 2014	Sept. 30, 2014	Jun. 30, 2014	Mar. 31, 2014
(in thousands)								
Cost of revenue	\$ 68	\$ 68	\$ 58	\$ 69	\$ 91	\$ 78	\$ 64	\$ 81
Sales and marketing	104	102	110	130	147	115	144	149
Technology and development	93	97	93	121	155	110	98	98
General and administrative	388	482	636	383	497	1,698	320	239

⁽²⁾ For more information about how we calculate total subscription pets enrolled, monthly adjusted revenue per pet, lifetime value of a pet, average pet acquisition cost and average monthly retention, see “Management’s Discussion and Analysis of Financial Condition and Results of Operations—Key Financial and Operating Metrics.”

⁽³⁾ Monthly adjusted revenue per pet is calculated in part based on adjusted revenue, a non-GAAP financial measure, that we define as revenue from our subscription business segment excluding sign-up fee revenue and the change in deferred revenue between periods. For more information about adjusted revenue and a reconciliation of revenue to adjusted revenue, see “Management’s Discussion and Analysis of Financial Condition and Results of Operations—Non-GAAP Financial Measures.”

⁽⁴⁾ Average pet acquisition cost is calculated in part based on acquisition cost and net acquisition cost, non-GAAP financial measures. Acquisition cost is defined as sales and marketing expenses, excluding stock-based compensation expense. Net acquisition cost is defined as acquisition cost, net of sign-up fee revenue and other business segment sales and marketing expense. For more information about acquisition cost, net acquisition cost and a reconciliation of sales and marketing expenses to acquisition cost and net acquisition cost, see “Management’s Discussion and Analysis of Financial Condition and Results of Operations—Non-GAAP Financial Measures.”

⁽⁵⁾ Adjusted EBITDA is a non-GAAP financial measure that we define as net loss excluding stock-based compensation expense, depreciation and amortization expense, interest income, interest expense, change in fair value of warrant liabilities and income tax expense (benefit). For more information about Adjusted EBITDA, see “Management’s Discussion and Analysis of Financial Condition and Results of Operations—Non-GAAP Financial Measures.”

	Three Months Ended							
	Dec. 31, 2015	Sept. 30, 2015	Jun. 30, 2015	Mar. 31, 2015	Dec. 31, 2014	Sept. 30, 2014	Jun. 30, 2014	Mar. 31, 2014
	(as a percentage of revenue)							
Revenue	100 %	100 %	100 %	100 %	100 %	100 %	100 %	100 %
Cost of revenue	82	83	84	83	83	85	82	81
Gross profit	18	17	16	17	17	15	18	19
Operating expenses:								
Sales and marketing	10	11	10	11	10	10	10	10
Technology and development	6	8	8	8	8	8	9	9
General and administrative	9	11	11	11	12	14	12	11
Total operating expenses	25	30	29	30	30	32	31	30
Operating loss	(7)	(12)	(13)	(14)	(13)	(18)	(12)	(11)
Interest expense	—	—	—	1	—	17	3	3
Other (income) expense, net	—	—	—	—	—	(7)	(3)	5
Loss before income taxes	(7)	(12)	(13)	(14)	(13)	(28)	(12)	(19)
Income tax expense (benefit)	—	—	—	—	—	—	—	—
Net loss	(7)%	(12)%	(13)%	(15)%	(13)%	(28)%	(12)%	(19)%

	Three Months Ended							
	Dec. 31, 2015	Sept. 30, 2015	Jun. 30, 2015	Mar. 31, 2015	Dec. 31, 2014	Sept. 30, 2014	Jun. 30, 2014	Mar. 31, 2014
	(as a percentage of subscription revenue)							
Subscription business revenue	100%	100%	100%	100%	100%	100%	100%	100%
Subscription business cost of revenue	81	82	83	82	82	85	81	80
Subscription business gross profit	19%	18%	17%	18%	18%	15%	19%	20%

Liquidity and Capital Resources

Since inception, we have financed our operations and met capital requirements primarily through the sale of equity securities and from borrowings. Our principal uses of cash are paying claims, funding operations and capital requirements, investing in new member acquisition, enhancements to our member experience and servicing debt. In July 2014, we closed our IPO, pursuant to which we sold 8,193,750 shares of common stock at an offering price of \$10.00 per share. We received net proceeds of approximately \$72.8 million.

Sources of Funds

As of December 31, 2015, we had \$43.2 million of cash and cash equivalents and short-term investments and \$18.4 million available under our line of credit which excludes \$1.6 million reserved under the credit agreement for an outstanding letter of credit and other ancillary services. We believe that our existing cash and cash equivalents, short-term investments and line of credit will be sufficient to fund our operations and statutory capital requirements for at least the next 12 months. From time to time, we may explore additional financing, which could include equity, equity-linked and debt financing. However, there can be no assurance that any additional financing will be available to us on acceptable terms, or at all.

Cash and investments held by our insurance subsidiaries, American Pet Insurance Company (APIC) and Wyndham Insurance Company (SAC) Limited (WICL) Segregated Account AX, are subject to certain capital and dividend rules and regulations as applicable within the jurisdictions in which they are authorized to operate. For more information on this change, see “— Regulation”.

Long-Term Debt

Square 1 Bank Loan and Security Agreement

In April 2007, we entered into a loan and security agreement with Square 1 Bank (Square 1), which we amended and restated in August 2012 and most recently amended in December 2014. We refer to this amended and restated loan and security agreement as our Square 1 credit facility. The Square 1 credit facility provides for a revolving line of credit, under which we may take advances up to \$20.0 million. The maximum amount for borrowing under the Square 1 credit facility, inclusive of any amounts outstanding under the revolving line of credit and the term loan, is the lesser of \$20.0 million or the total amount of cash and securities held by our subsidiary, American Pet Insurance Company, less up to \$1.6 million for obligations we may have outstanding from Square 1 for other ancillary services, including our \$1.1 million letter of credit.

Interest on the revolving line of credit accrues at a variable annual rate equal to the greater of 5.0% or 1.5% plus the prime rate. The revolving line of credit matures in July 2017, at which time it will need to be renewed or all amounts outstanding under it, including accrued interest, will become immediately due and payable.

The Square 1 credit facility requires us to maintain certain financial covenants, including having APIC maintain statutory capital and surplus at all times of not less than the greater of \$1.6 million or 110% of the highest amount of statutory capital and surplus required in any state in which APIC is licensed, maintaining a minimum cash balance of \$1.6 million in our accounts at Square 1 (including for such purposes, APIC’s cash and depository products at Square 1), achieving certain monthly revenue and remaining within certain maximum EBITDA loss levels. EBITDA is defined for such purposes as earnings, plus an amount equal to the sum of (i) tax, plus (ii) depreciation and amortization, plus (iii) interest and non-cash expenses, plus (iv) any non-cash stock compensation expense, less (a) any increase in capitalized expenditures from the prior period, plus (b) any increase in capitalized software from the prior period, plus (c) any increase in deferred acquisition costs from the prior period.

The Square 1 credit facility also requires us to maintain certain non-financial covenants, including those that restrict our ability to dispose of our assets, change the name, location, office or executive management of our business, merge with or acquire other entities, incur other indebtedness, incur encumbrances, pay dividends or make distributions to holders of our capital stock, make investments, engage in transactions with our affiliates, permit withdrawals from APIC (with certain exceptions) and conduct operations in certain of our Canadian subsidiaries. As of December 31, 2015, we were in compliance with each of the financial and non-financial covenants.

Our obligations under the Square 1 credit facility are secured by substantially all of our assets and a pledge of certain of our subsidiaries’ stock. As of December 31, 2015, we had no aggregate borrowings outstanding and under the Square 1 credit facility.

Regulation

As of December 31, 2015, our insurance entities, APIC and Wyndham Insurance Company (SAC) Limited (WICL) Segregated Account AX, held \$27.7 million in investments and \$9.8 million in other current assets, including \$1.7 million held in cash and cash equivalents to be used for operating expenses of our insurance subsidiaries. Most of the assets in APIC and WILC Segregated Account AX are subject to certain capital and dividend rules and regulations prescribed by jurisdictions in which they are authorized to operate. As of December 31, 2015, total assets and liabilities held outside our insurance entities totaled \$33.5 million and \$7.8 million, respectively, including \$9.8 million of cash and cash equivalents that are segregated from other operating funds and are held in trust for the payment of claims on behalf of our insurance subsidiaries.

To comply with these regulations and contractual obligations of APIC and WICL Segregated Account AX, we may be required to maintain capital that we would otherwise invest in our growth and operations, which may require us to modify our operating plan or marketing initiatives, delay the implementation of new solutions or development of new technologies, decrease the rate at which we hire additional personnel and enter into relationships with Territory Partners, incur indebtedness or pursue equity or debt financings or otherwise modify our business operations.

APIC

The majority of our investments are held by our insurance entities to satisfy risk-based capital requirements of the National Association of Insurance Commissioners (NAIC). The NAIC requirements provide a method for analyzing the minimum amount of risk-based capital (statutory capital and surplus plus other adjustments) appropriate for an insurance company to support its overall business operations, taking into account the risk characteristics of the company's assets, liabilities and certain other items. An insurance company found to have insufficient statutory capital based on its risk-based capital ratio may be subject to varying levels of additional regulatory oversight depending on the level of capital inadequacy. APIC must hold certain capital amounts in order to comply with the statutory regulations and, therefore, we cannot use these amounts for general operating purposes without regulatory approval. As our business grows, the amount of capital we are required to maintain to satisfy our risk-based capital requirements may increase significantly. As of December 31, 2015, APIC was required to maintain at least \$24.5 million of risk-based capital to avoid this additional regulatory oversight. As of that date, APIC maintained \$26.1 million of risk-based capital. The NY DFS may increase the required levels of risk-based capital in the future, and we anticipate that we will need to maintain greater amounts of risk-based capital if our pet enrollment continues to grow.

New York laws also restrict the ability of APIC to pay dividends to our parent holding company. The dividend restrictions are based in part on the prior year's statutory income and surplus. In general, dividends up to specified levels are considered ordinary and may be paid without prior approval. In general, dividends or distributions that, in the aggregate in any 12-month period exceed the lesser of (i) 10% of surplus as of the preceding December 31 or (ii) the insurer's adjusted net investment income for such 12-month period ended the preceding December 31, not including realized capital gains, are subject to approval by regulatory authorities. As of December 31, 2015, less than \$0.1 million was able to be paid in the form of a dividend from APIC to our parent holding company without prior approval from regulatory authorities.

WICL Segregated Account AX

WICL Segregated Account AX was established by WICL, with Trupanion, Inc. as the shareholder, to enter into a reinsurance agreement with Omega General Insurance Company. All of the assets and liabilities of WICL Segregated Account AX are legally segregated from other assets and liabilities within WICL and all shares of the segregated account are owned by Trupanion, Inc. Our agreements with WICL do not allow dividends to be paid to our parent company until 2017 or later. As required by the Office of the Superintendent of Financial institutions regulations related to our reinsurance agreement with Omega General Insurance Company, we were required to fund a Canadian Trust account with the greater of CAD \$2 million or 115% of unearned Canadian premium plus 15% of outstanding Canadian claims, including all incurred by not reported claims. Additionally, WICL required initial capital of CAD \$1.3 million. During January 2015, we funded CAD \$3.3 million to initially satisfy these requirements.

Though we are not directly regulated by the Bermuda Monetary Authority (BMA), WICL's regulation and compliance impacts us as it could have an adverse impact on the ability of Segregated Account AX to pay dividends. WICL is regulated by the BMA under the Insurance Act of 1978 (Insurance Act) and the Segregated Accounts Company Act of 2000. The Insurance Act imposes on Bermuda insurance companies, solvency and liquidity standards, certain restrictions on the declaration and payment of dividends and distributions, certain restrictions on the reduction of statutory capital, and auditing and reporting requirements, and grants BMA the powers to supervise and, in certain circumstances, to investigate and intervene in the affairs of insurance companies. Under the Insurance Act, WICL as a class 3 insurer is required to maintain available statutory capital and surplus at a level equal to or in excess of a prescribed minimum established by reference to net written premiums and loss reserves.

Under the Bermuda Companies Act of 1981, as amended, a Bermuda company may not declare or pay a dividend or make a distribution out of contributed surplus if there are reasonable grounds for believing that: (a) the company is, or would after the payment be, unable to pay its liabilities as they become due; or (b) the realizable value of the company's assets would thereby be less than its liabilities. The Segregated Accounts Company Act of 2000 further requires that dividends out of a segregated account can only be paid to the extent that the cell remains solvent and the value of its assets remain greater than the aggregate of its liabilities and its issued share capital and share premium accounts.

Investments

As of December 31, 2015, we had \$27.7 million of short-term and long-term investments in our insurance entities. These investments are held to satisfy statutory requirements and support operating needs. The majority of our investments are highly rated U.S. treasury securities, certificates of deposit, and U.S. government funds. In addition we have one investment in a municipal bond which is insured by a third-party insurance company with a rating of “A2” with Moody’s. The unused proceeds from our IPO are currently held primarily in money market funds.

Historical Cash Flow Trends

The following table shows a summary of our cash flows for the periods indicated (in thousands):

	Years Ended December 31,		
	2015	2014	2013
Net cash used in operating activities	\$ (10,425)	\$ (10,801)	\$ (1,023)
Net cash used in investing activities	(9,923)	(11,926)	(5,997)
Net cash (used in) provided by financing activities	(14,208)	60,863	17,551
Effect of exchange rates on cash	(586)	23	174
Net change in cash and cash equivalents	\$ (35,142)	\$ 38,159	\$ 10,705

Operating Cash Flows

We derive operating cash flows from cash collected from the sale of subscriptions to our medical plan, which is used to pay claims, other cost of revenue and fixed expenses. Additionally, cash is used to support the growth of our business by reinvesting in sales and marketing to acquire new pets and projects to improve the member experience, including our substantial investment in our Trupanion ExpressTM software.

Net cash used in operating activities for the year ended December 31, 2015 consisted of our net loss of \$17.2 million reduced by non-cash expenses, including stock-based compensation of \$3.0 million and depreciation and amortization of \$2.5 million and a \$1.3 million change in operating assets, which were primarily driven by an increase in claims paid, increased spend on marketing and technology initiatives, increased payables due to timing of payments, as well as an increase in prepaid assets due to prepayments made for benefits and a new billing system. These increases in cash used in operating activities were partially offset by increased revenue due to enrollment growth and higher monthly adjusted revenue per pet.

Net cash used in operating activities for 2014 consisted of our net loss of \$21.2 million reduced by non-cash expenses, including stock-based compensation of \$4.1 million and the amortization of the debt discount of \$5.0 million as well as changes in our operating assets and liabilities of \$1.1 million, which were primarily driven by an increase in claims paid, increased spend on marketing and technology initiatives, as well as an increase in prepaid assets due to advance payment insurance. These increases in cash used in operating activities were partially offset by increased revenue due to enrollment growth and higher adjusted revenue per pet.

Net cash used in operating activities for 2013 consisted of our net loss of \$8.2 million and changes in our operating assets and liabilities of \$3.6 million, which were primarily driven by increased receivables related to writing policies for an unaffiliated managing general agent, which began in November 2012 and increased until November 2013 as the unaffiliated managing general agent transitioned its business from the company that previously wrote its policies. This was partially offset by non-cash expense items including stock-based compensation of \$1.9 million, depreciation and amortization of \$0.9 million and expense relating to the remeasurement of warrant liabilities to fair value of \$0.5 million.

Investing Cash Flows

Net cash used in investing activities for each of the periods presented was primarily related to the net purchase of investments to increase our statutory capital. We expect to continue increasing our statutory capital as we expand our operations. In addition, we made investments in software to be used internally for our technology initiatives and purchased other fixed assets related to our operations.

Financing Cash Flows

Historically, we have funded our operations through the issuance of common and preferred stock and the incurrence of indebtedness. In July 2014, we completed our IPO, pursuant to which we sold 8,193,750 shares of common stock at an offering price of \$10.00 per share.

For the year ended December 31, 2015, net cash (used in) financing activities primarily consisted of debt repayments of \$14.9 million. In addition, we received \$1.3 million in proceeds from the exercise of stock options.

For 2014, net cash provided by financing activities included the net proceeds from our IPO of \$72.8 million, debt financing of \$17.0 million and the release of restricted cash of \$3.0 million. Net cash used in financing activities consisted primarily of debt repayments of \$32.0 million.

For 2013, net cash provided by financing activities consisted of the incurrence of an aggregate of \$20.0 million of borrowings under our revolving line of credit and term loans. Of this amount, \$3.0 million was designated as restricted cash at December 31, 2013. In addition, we received \$0.6 million in proceeds from the exercise of stock options.

Contractual Obligations

We enter into long-term contractual obligations and commitments in the normal course of business, primarily debt obligations and non-cancellable operating leases. Our contractual cash obligations as of December 31, 2015 are set forth below (in thousands):

	Total	Less Than 1 Year	1-3 Years	3-5 Years	More Than 5 Years
Operating lease obligations	21,466	1,407	3,389	4,175	12,495
Strategic marketing and service provider agreements	1,835	1,316	401	101	17
Other obligations	1,832	759	706	367	—

Critical Accounting Policies and Significant Estimates

Our discussion and analysis of our financial condition and results of operations are based upon our financial statements, which have been prepared in accordance with GAAP. The preparation of these financial statements requires us to make estimates and judgments that affect the reported amounts of assets and liabilities and related disclosure of contingent assets and liabilities, revenue and expenses at the date of the financial statements. Generally, we base our estimates on historical experience and on various other assumptions in accordance with GAAP that we believe to be reasonable under the circumstances. Actual results may differ from these estimates.

Critical accounting policies and estimates are those that we consider the most important to the portrayal of our financial condition and results of operations because they require our most difficult, subjective or complex judgments, often as a result of the need to make estimates about the effect of matters that are inherently uncertain. Our critical accounting policies and estimates include those related to:

- stock-based compensation;
- income taxes; and
- claims reserve.

Stock-Based Compensation and Warrant Liabilities

Compensation expense related to stock-based transactions, including employee and non-employee stock option awards, and restricted stock awards and units, is measured and recognized in the financial statements based on fair value. The fair value of each option award is estimated on the grant date using the Black-Scholes-Merton option-pricing model. All of our stock-based awards have been for instruments tied to our common stock. The stock-based compensation expense, net of estimated forfeitures, is recognized on a straight-line basis over the requisite service periods of the awards, which are generally four years. Many factors are considered when estimating forfeitures, including types of awards, employee class and historical experience.

Key assumptions. Our Black-Scholes-Merton option-pricing model requires the input of highly subjective assumptions, including the fair value of the underlying stock, the expected volatility of the price of our stock, the expected term of the option, risk-free interest rates and the expected dividend yield of our stock. These estimates involve inherent uncertainties and the application of management's judgment. If factors change and different assumptions are used, our stock-based expense could be materially different in the future. These assumptions are estimated as follows:

- *Expected volatility*—As we do not have a significant trading history for our common stock, the expected stock price volatility for our common stock was estimated by taking the average historic price volatility for identified peers based on daily price observations over a period equivalent to the expected term of the stock option grants and warrant issuances. We did not rely on implied volatilities of traded options or warrants in our industry peers' common stock

because the volume of activity was relatively low. We intend to continue to consistently apply this process using the same or similar public companies until a sufficient amount of historical information regarding the volatility of our own share price becomes available.

- *Expected term*—The expected term represents the period that our stock-based awards are expected to be outstanding. As we do not have sufficient historical experience for determining the expected term of the stock-based awards granted, we have based our expected term for awards issued to employees on the simplified method, which represents the average period from vesting to the expiration of the stock option.
- *Risk-free interest rate*—The risk-free interest rate is based on the yields of U.S. Treasury securities with maturities similar to the expected term of the options.
- *Expected dividend yield*—We have never declared or paid any cash dividends and do not presently plan to pay cash dividends in the foreseeable future. Consequently, we used an expected dividend yield of zero.

In addition to the assumptions used in the Black-Scholes-Merton option-pricing model, the amount of stock option expense we recognize in our consolidated statements of operations includes an estimate of stock option forfeitures. Estimated forfeitures did not have a material impact on our assumptions in 2015, 2014 or 2013.

Income Taxes

We use the liability method of accounting for income taxes. Deferred tax assets and liabilities are recognized for the future tax consequences attributable to the differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax basis. Deferred tax assets and liabilities are measured using enacted tax rates expected to be in effect when such assets and liabilities are recovered or settled. We determine deferred tax assets including net operating losses (NOLs) and liabilities, based on temporary differences between the book and tax bases of assets and liabilities. We believe that it is currently more likely than not that our deferred tax assets will not be realized, and as such, a full valuation allowance is required. In addition, utilization of NOLs and credits to offset future income subject to taxes may be subject to substantial annual limitations due to the “change in ownership” provisions of the Internal Revenue Code of 1986, and similar state provisions. We have not performed a significant analysis to determine whether a qualifying change in ownership that would limit the utilization of our NOLs has taken place.

Claims Reserve

Our claims reserve represents estimated claims and claim settlement costs with respect to covered claims that have occurred as of the balance sheet date. The liabilities for claims and claim adjustment expenses are recorded at the estimated ultimate payment amounts. Estimated ultimate payment amounts are based upon a number of factors, including claims information received from members and estimates of incurred but not reported claims. Historical claims data as well as expected developments in the industry, internal claims adjustment expense forecasts, and the economy as a whole are considered by our team of pet medical insurance actuaries when developing our claims reserve.

In establishing estimates for these factors, we must make various assumptions regarding frequency and severity of claims, length of time to achieve ultimate settlement of claims, estimated deductible applicable to incurred claims, and changes in the cost of veterinary care. Due to the inherent uncertainty associated with these estimates, and the cost of incurred but unreported claims, our actual liabilities may be different from our original estimates. On a monthly basis, we review our reserve for claims and claims settlement costs to determine whether further adjustments are required. Any resulting adjustments are included in the current period’s results.

As of December 31, 2015 and 2014, our reserve for claims incurred but not yet reported was \$6.3 million and \$5.1 million, respectively. We believe the amount of our claims reserve as of December 31, 2015 is adequate and we do not believe that there are any reasonably likely changes in the facts or circumstances underlying key assumptions that would result in the reserve for claims being insufficient in an amount that would have a material impact on our reported results, financial position or liquidity. The ultimate liability, however, may be in excess of or less than the amount we have reserved. During 2015, 2014 and 2013, we experienced actual claims that were below our estimate for prior year reserves by less than \$0.1 million, \$0.5 million and \$0.1 million, respectively. Historically, approximately 95% of claims have been settled within three months of the claim date.

Item 7A. Quantitative and Qualitative Disclosures About Market Risks

We are exposed to various market risks, including the risks inherent in our insurance business and changes in interest rates. Market risk is the potential loss arising from adverse changes in market rates and prices.

Interest Rate Risk

The principal market risk we face is interest rate risk. We had cash and cash equivalents of \$18.0 million and \$27.7 million in investments as of December 31, 2015, which consisted of both highly-liquid investments with an original maturity of twelve months or less and long-term low-risk investments. We believe that we do not have significant exposure to changes in the fair value of these assets as a result of changes in interest rates due to the short-term nature of most of our investments coupled with the security behind our long-term investments. Historically, our investment income has not been a material part of our operations.

Foreign Currency Exchange Risk

We generate a significant portion of our revenue in Canada. In 2015, our Canadian operations accounted for 21% of our revenue. Our revenue and expenses are generally denominated in the currencies in which our operations are located, which are the United States and Canada. As our operations in Canada or the United States grow on an absolute basis and/or relative to one another, our results of operations and cash flows will be subject to fluctuations due to changes in foreign currency exchange rates.

Upon consolidation, as exchange rates vary, revenues and other operating results may differ materially from expectations. For example, had the average 2014 Canadian currency exchange rate remained consistent into 2015, Canadian revenues would have been \$4.8 million higher after the foreign currency conversion. Our analysis of operating results transacted in Canadian currency indicated that a hypothetical 10% change in the Canadian currency exchange rate could have increased or decreased our total revenues by approximately \$3.0 million for the year ended December 31, 2015. To date, we have not entered into any material foreign currency hedging contracts although we may do so in the future.

Item 8. Financial Statements and Supplementary Data

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Report of Independent Registered Public Accounting Firm

The Board of Directors and Stockholders
Trupanion, Inc.

We have audited the accompanying consolidated balance sheets of Trupanion, Inc. as of December 31, 2015 and 2014, and the related consolidated statements of operations, comprehensive loss, changes in redeemable convertible preferred stock and stockholders' equity (deficit), and cash flows for each of the three years in the period ended December 31, 2015. Our audits also included the financial statement schedule listed in the Index at Item 15(a). These financial statements and schedule are the responsibility of the Company's management. Our responsibility is to express an opinion on these financial statements and schedule based on our audits.

We conducted our audits in accordance with the standards of the Public Company Accounting Oversight Board (United States). Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free of material misstatement. We were not engaged to perform an audit of the Company's internal control over financial reporting. Our audits included consideration of internal control over financial reporting as a basis for designing audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the Company's internal control over financial reporting. Accordingly, we express no such opinion. An audit also includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements, assessing the accounting principles used and significant estimates made by management, and evaluating the overall financial statement presentation. We believe that our audits provide a reasonable basis for our opinion.

In our opinion, the financial statements referred to above present fairly, in all material respects, the consolidated financial position of Trupanion, Inc. at December 31, 2015 and 2014, and the consolidated results of its operations and its cash flows for each of the three years in the period ended December 31, 2015, in conformity with U.S. generally accepted accounting principles. Also, in our opinion, the related financial statement schedule, when considered in relation to the basic financial statements taken as a whole, presents fairly in all material respects the information set forth therein.

/s/ Ernst & Young LLP

Seattle, Washington
February 16, 2016

Trupanion, Inc.
Consolidated Statements of Operations
(in thousands, except for share and per share data)

	Years Ended December 31,		
	2015	2014	2013
Revenue	\$ 146,963	\$ 115,910	\$ 83,829
Cost of revenue:			
Claims expenses	103,324	79,913	56,637
Other cost of revenue	18,410	16,123	11,548
Gross profit	25,229	19,874	15,644
Operating expenses:			
Sales and marketing	15,231	11,608	9,091
Technology and development	11,215	9,899	4,888
General and administrative	15,558	14,312	8,652
Total operating expenses	42,004	35,819	22,631
Operating loss	(16,775)	(15,945)	(6,987)
Interest expense	325	6,726	609
Other (income) expense, net	(9)	(1,487)	671
Loss before income taxes	(17,091)	(21,184)	(8,267)
Income tax expense (benefit)	114	(7)	(92)
Net loss	\$ (17,205)	\$ (21,177)	\$ (8,175)
Net loss per share attributable to common stockholders:			
Basic and diluted	\$ (0.62)	\$ (1.64)	\$ (6.23)
Weighted average shares used to compute net loss per share attributable to common stockholders:			
Basic and diluted	27,638,443	12,934,477	1,312,019

Trupanion, Inc.
Consolidated Statements of Comprehensive Loss
(in thousands)

	Years Ended December 31,		
	2015	2014	2013
Net loss	\$ (17,205)	\$ (21,177)	\$ (8,175)
Other comprehensive (loss) income:			
Foreign currency translation adjustments	(517)	65	85
Change in unrealized losses on available-for-sale securities	4	110	(107)
Other comprehensive (loss) income, net of taxes	(513)	175	(22)
Comprehensive loss	\$ (17,718)	\$ (21,002)	\$ (8,197)

Trupanion, Inc.
Consolidated Balance Sheets
(in thousands, except for share data)

	Years Ended December 31,	
	2015	2014
Assets		
Current assets:		
Cash and cash equivalents	\$ 17,956	\$ 53,098
Short-term investments	25,288	22,371
Accounts and other receivables	8,196	7,887
Prepaid expenses and other assets	2,193	1,299
Total current assets	53,633	84,655
Long-term investments, at fair value	2,388	942
Equity method investment	300	—
Property and equipment, net	9,719	7,862
Intangible assets, net	4,854	4,847
Other long term assets	23	—
Total assets	\$ 70,917	\$ 98,306
Liabilities and stockholders' equity		
Current liabilities:		
Accounts payable	\$ 1,289	\$ 1,962
Accrued liabilities	4,189	4,607
Claims reserve	6,274	5,107
Deferred revenue	11,042	9,345
Deferred tax liabilities	169	124
Other payables	654	1,399
Total current liabilities	23,617	22,544
Long-term debt	—	14,900
Deferred tax liabilities	1,433	1,495
Other liabilities	511	92
Total liabilities	25,561	39,031
Stockholders' equity:		
Common stock, \$0.00001 par value per share, 200,000,000 shares authorized at December 31, 2015 and December 31, 2014, 29,017,168 and 28,396,189 issued and outstanding at December 31, 2015; 28,451,920 and 27,830,941 shares issued and outstanding at December 31, 2014.	—	—
Preferred stock: \$0.00001 par value per share, 10,000,000 authorized at December 31, 2015 and December 31, 2014, and 0 issued and outstanding at December 31, 2015 and December 31, 2014.	—	—
Additional paid-in capital	122,844	119,045
Accumulated other comprehensive (loss) income	(502)	11
Accumulated deficit	(74,385)	(57,180)
Treasury stock, at cost: 620,979 shares at December 31, 2015 and December 31, 2014.	(2,601)	(2,601)
Total stockholders' equity	45,356	59,275
Total liabilities and stockholders' equity	\$ 70,917	\$ 98,306

Trupanion, Inc.
Consolidated Statements of Changes in Redeemable Convertible Preferred Stock and Stockholders' Equity (Deficit)
(in thousands, except share amounts)

	Redeemable Convertible Preferred Stock		Common Stock		Special Voting Shares	Additional Paid-in Capital	Accumulated Other Comprehensive Income (Loss)	Treasury Stock	Total Stockholders' Equity
	Shares	Amount	Shares	Amount	Shares	Amount	Deficit	Stock	(Deficit) Equity
Balance at December 31, 2012	14,857,989	31,724	1,010,346	—	2,247,130	3,224	(27,828)	(2,327)	(27,073)
Issuance of restricted stock	—	—	732,708	—	—	—	—	—	—
Issuance of common stock	—	—	5,846	—	—	—	—	—	—
Purchase of treasury stock	—	—	(60,240)	—	—	—	—	(274)	(274)
Exercise of stock options	—	—	547,981	—	—	607	—	—	607
Stock-based compensation expense	—	—	—	—	—	1,938	—	—	1,938
Other comprehensive loss	—	—	—	—	—	—	(22)	—	(22)
Net loss	—	—	—	—	—	—	(8,175)	—	(8,175)
Balance at December 31, 2013	14,857,989	31,724	2,236,641	—	2,247,130	5,769	(36,003)	(2,601)	(32,999)
Conversion of special voting shares to common stock	—	—	2,247,130	—	(2,247,130)	—	—	—	—
Conversion of preferred stock to common stock	(14,944,945)	(32,724)	14,944,945	—	—	32,724	—	—	32,724
Exercise of warrants	86,956	1,000	25,170	—	—	270	—	—	270
Proceeds from IPO, net of issuance costs	—	—	8,193,750	—	—	72,722	—	—	72,722
Reclassification of warrant liabilities	—	—	—	—	—	3,180	—	—	3,180
Issuance of common stock upon exercise of stock options and vesting of restricted stock units	—	—	183,305	—	—	181	—	—	181
Stock-based compensation expense	—	—	—	—	—	4,199	—	—	4,199
Other comprehensive income	—	—	—	—	—	—	175	—	175
Net loss	—	—	—	—	—	—	(21,177)	—	(21,177)
Balance at December 31, 2014	—	—	27,830,941	—	—	119,045	(57,180)	11	59,275
Issuance of restricted stock	—	—	4,616	—	—	—	—	—	—
Tax withholding on restricted stock	—	—	(72,197)	—	—	(643)	—	—	(643)
Exercise of stock options	—	—	632,829	—	—	1,335	—	—	1,335
Stock-based compensation expense	—	—	—	—	—	3,107	—	—	3,107
Other comprehensive loss	—	—	—	—	—	—	(513)	—	(513)
Net loss	—	—	—	—	—	—	(17,205)	—	(17,205)
Balance at December 31, 2015	—	—	28,396,189	—	—	\$ 122,844	\$ (74,385)	\$ (2,601)	\$ 45,356

Trupanion, Inc.
Consolidated Statements of Cash Flows
(in thousands)

	Years Ended December 31,		
	2015	2014	2013
Operating activities			
Net loss	\$ (17,205)	\$ (21,177)	\$ (8,175)
Adjustments to reconcile net loss to cash used in operating activities:			
Depreciation and amortization	2,542	1,674	892
Amortization of debt discount and prepaid loan fees	21	5,033	36
Warrant (income) expense	—	(1,574)	543
Stock-based compensation expense	3,002	4,084	1,938
Other	(89)	57	112
Changes in operating assets and liabilities:			
Accounts receivable	(328)	(126)	(5,478)
Prepaid expenses and other current assets	(905)	(369)	(22)
Accounts payable	(347)	449	242
Accrued liabilities	51	551	1,258
Claims reserve	1,241	(505)	3,031
Deferred revenue	1,779	877	4,529
Other payables	(187)	225	71
Net cash used in operating activities	<u>(10,425)</u>	<u>(10,801)</u>	<u>(1,023)</u>
Investing activities			
Purchases of investment securities	(24,800)	(34,894)	(26,064)
Maturities of investment securities	20,180	28,601	20,770
Purchases of property and equipment	(4,894)	(5,633)	(1,473)
Equity method investment	(300)	—	—
Other	(109)	—	770
Net cash used in investing activities	<u>(9,923)</u>	<u>(11,926)</u>	<u>(5,997)</u>
Financing activities			
Restricted cash	—	3,000	(3,000)
Tax withholding on restricted stock	(643)	—	—
Proceeds from exercise of stock options	1,335	211	607
Repayment of debt financing	(14,900)	(15,000)	20,000
Other financing costs	—	(103)	(56)
Net proceeds from IPO	—	72,755	—
Net cash (used in) provided by financing activities	<u>(14,208)</u>	<u>60,863</u>	<u>17,551</u>
Effect of foreign exchange rates on cash, net	(586)	23	174
Net change in cash and cash equivalents	(35,142)	38,159	10,705
Cash and cash equivalents at beginning of period	53,098	14,939	4,234
Cash and cash equivalents at end of period	<u>\$ 17,956</u>	<u>\$ 53,098</u>	<u>\$ 14,939</u>
Supplemental disclosures			
Income taxes paid	(139)	(9)	—
Interest paid	(155)	(1,494)	(642)
Noncash investing and financing activities:			
Warrants issued in conjunction with debt issuance	—	1,124	3,806
Exchange of stock for equity method investment	—	—	448
Increase in payables for property and equipment	98	911	134
Cashless exercise of preferred stock warrants	—	1,270	—
Common stock warrant reclassification to equity	—	3,180	—

Trupanion, Inc.
Notes to Consolidated Financial Statements

1. Nature of Operations and Summary of Significant Accounting Policies

Description of Business

The Company provides medical insurance plans for cats and dogs throughout the United States, Canada and Puerto Rico. The Company's data-driven, vertically-integrated approach enables us to provide pet owners with what we believe is the highest value medical plan for their pets, priced specifically for each pet's unique characteristics. We strive to operate the business similar to other subscription-based businesses, with a focus on maximizing the lifetime value of each pet while sustaining a favorable ratio of lifetime value relative to acquisition cost.

Reclassifications

Certain prior year amounts have been reclassified within the Company's consolidated financial statements from their original presentation to conform with the current period presentation. In addition, amounts in note 13 related to segments have been recast to reflect a change in the composition of Company's segments as described in note 13.

Principles of Consolidation

The consolidated financial statements include the accounts of the Company and its wholly-owned subsidiaries. All intercompany accounts and transactions have been eliminated in consolidation.

Use of Estimates

The preparation of consolidated financial statements in conformity with U.S. GAAP requires management to make estimates and assumptions that affect the reported amounts of assets and liabilities and disclosure of contingencies and the reported amounts of revenue and expenses. Significant items subject to such estimates and assumptions include the valuation of deferred tax assets, stock-based compensation, claims reserve, useful lives of software developed for internal use and income tax uncertainties. Actual results could differ from the estimates used in preparing the consolidated financial statements.

Cash and Cash Equivalents

The Company considers all highly liquid investments with a maturity of three months or less when purchased to be cash equivalents. At times, cash on deposit may be in excess of the applicable federal deposit insurance corporation limits.

Accounts and Other Receivable

Receivables are comprised of trade receivables and other miscellaneous receivables. As of December 31, 2015 and 2014, receivables included \$7.2 million and \$6.8 million, respectively, for one-year policies written by an unaffiliated general agent.

No single customer made up more than 5% of accounts receivable as of December 31, 2015 or 2014.

Deferred Acquisition Costs

The Company incurs certain costs related to the successful acquisition of new and renewal customer contracts, which are capitalized. These costs include premium taxes, commissions, and referral fees that directly relate to the successful acquisition of new or renewal customer contracts. Deferred acquisition costs are included in prepaid expenses and other assets on the consolidated balance sheet and are amortized over the related policy term to the applicable financial statement line item, including sales and marketing expenses and other cost of revenue. Total deferred acquisition costs for the years ended December 31, 2015, 2014 and 2013 are summarized below (in thousands):

	Years Ended December 31,		
	2015	2014	2013
Deferred acquisition costs capitalized	\$ 10,184	\$ 7,995	\$ 5,919
Deferred acquisition costs amortized:			
Sales and marketing	1,490	858	663
Other cost of revenue	8,606	7,052	5,082
Total amortization	10,096	7,910	5,745
Balance at December 31,	\$ 557	\$ 469	\$ 384

Investments

The Company recognizes the following classifications of investments:

Short-term-investments—Investments with an initial maturity of less than one year are reported at amortized cost, which approximates fair value.

Available-for-Sale—Investments in fixed maturities not classified as short-term-investments are reported at fair value, and the temporary declines or increases from amortized cost are included as a component of other comprehensive income.

Available-for-sale securities are classified based upon the availability to be used in current operations.

Premiums and discounts on fixed maturity securities are amortized or accreted over the life of the security. Such amortization expense and accretion is included in interest income. Interest income is recognized in other (income) expense, net when earned.

A decline in the fair value of any available-for-sale security below amortized cost that is deemed to be other than temporary results in an impairment to reduce the amortized cost to fair value or recovery value. To determine whether an impairment is other than temporary, the Company considers its intent to sell the security, intent and ability to hold the security, as well as all available information relevant to the collectability of the security, including past events, current conditions, and reasonable and supportable forecasts, when developing estimates of cash flows expected to be collected. Realized capital gains and losses are determined on a specific identification basis and recorded as a part of other expense, net in the statement of operations.

Property and Equipment

Property and equipment are recorded at cost. Depreciation is computed using the straight-line method over the estimated useful lives of the assets ranging from three to five years. Leasehold improvements are depreciated over the less of their expected useful life or the remaining term of the related lease.

Costs related to software developed for internal use are primarily related to the Company's website, internal support systems, and proprietary billing and claims systems. Costs are capitalized during the application development stage of the project and amortized on a straight-line basis over the estimated useful lives of the related assets, estimated between three and five years, once the software is placed into service.

Intangible Assets

Indefinite-lived intangible assets, which are not amortized, are assessed for impairment at least annually and more frequently if circumstances indicate a possible impairment. The Company first performs a qualitative analysis to assess whether it is more likely than not the asset is impaired and, if necessary, a quantitative analysis is performed to measure impairment.

Assets with finite lives are amortized over their estimated remaining useful life.

Asset Impairment

Long-lived assets, such as property and equipment and definite lived intangible assets, are reviewed for impairment whenever events or changes in circumstances indicate that the carrying amount of an asset may not be recoverable.

If circumstances require a long-lived asset or asset group be tested for possible impairment, the Company first compares undiscounted cash flows expected to be generated by that asset or asset group to its carrying amount. If the carrying amount of the long-lived asset or asset group is not recoverable on an undiscounted cash flow basis, impairment is recognized to the extent that the carrying amount exceeds its fair value. Fair value is determined through various valuation techniques including discounted cash flow models, quoted market values, and third-party independent appraisals, as considered necessary.

Claims Reserve

The claims reserve includes unpaid claims and claims adjustment expenses, which includes an estimate, based on past experience, for claims incurred but not reported. Such liabilities are necessarily based on assumptions and estimates, and while management believes the amount is adequate, the ultimate liability may be in excess of or less than the amount provided. The methods for making such estimates and for establishing the resulting liability are continually reviewed, and any adjustments are reflected in the period in which they become known.

Warrants

The Company issued warrants to purchase common or convertible preferred stock to third parties as a part of certain business and financing transactions. The Company values warrants using the Black-Scholes-Merton option-pricing model. Certain warrants were considered liability awards and were remeasured each reporting period until exercised, settled or reclassified to stockholders' equity. See Note 12 for additional information.

Revenue Recognition

The Company generates revenue primarily from subscription fees for its medical insurance plan and other policies the Company writes, which is earned pro rata over the terms of the customer contracts.

No single customer accounted for more than 5% of the Company's revenue in 2015, 2014 or 2013.

Claims Expense

Claims expenses include claims incurred, the cost of personnel administering the claims and providing customer service related to claims, and other operating expenses directly or indirectly related to claims administration.

Other Cost of Revenue

Other cost of revenue for the subscription business segment includes direct and indirect member service expenses, renewal fees, credit card transaction fees and premium tax expenses. Other cost of revenue for the other business segment includes the commission the Company pays to the unaffiliated general agent and premium taxes on other policies in this segment.

Sales and Marketing

Sales and marketing expenses consist of costs to educate veterinarians and policy holders about the Company's policy, converting leads to enrolled pets, print, online and promotional advertising costs and employee compensation and related costs.

Technology and Development

Technology and development expenses consist primarily of personnel costs and related expenses for the Company's operations staff, which includes information technology development and infrastructure support, third-party services and depreciation of hardware and amortization of capitalized software and intangible assets.

General and Administrative

General and administrative expenses consist primarily of personnel costs and related expenses for the Company's finance, actuarial, human resources, business development and general management functions, as well as facilities and professional services.

Other (Income) Expense, Net

Other (income) expense, net was comprised of the following (in thousands):

	Years Ended December 31,		
	2015	2014	2013
Interest income	\$ (75)	\$ (73)	\$ (86)
Foreign exchange gain	36	41	76
Loss on disposal of fixed assets	20	111	44
Warrant remeasurement	—	(1,574)	543
Other	10	8	94
Other (income) expense, net	\$ (9)	\$ (1,487)	\$ 671

Insurance Operations

Effective January 1, 2015, the Company formed a segregated account in Bermuda as part of Wyndham Insurance Company (SAC) Limited (WICL), and entered into a revised fronting and reinsurance arrangement with Omega General Insurance Company (Omega) to include its newly formed segregated account. The Company maintains all risk with the business written in Canada and consolidates the entity in its financial statements. Contractual requirements restrict dividends from this entity until after 2016, at which time dividends will be allowed subject to the Segregated Accounts Company Act of 2000, which allows for dividends only to the extent that the entity remains solvent and the value of its assets remain greater than the aggregate of its liabilities and its issued share capital and share premium accounts. WICL required the Company to invest initial capital of CAD \$1.3 million.

For the Company's Canadian business, all plans are written by Omega General Insurance Company (Omega) and the risk is assumed by the Company through a fronting and reinsurance agreement. Premiums are recognized and earned pro rata over the terms of the related customer contracts. Premiums recognized from the agreement in 2015, 2014 and 2013 were \$30.9 million, \$29.1 million and \$24.7 million, respectively and deferred revenue relating to this arrangement at December 31, 2015 and 2014 was \$0.9 million and \$0.9 million, respectively. Reinsurance revenue was 21%, 25% and 29% of total revenue in 2015, 2014 and 2013, respectively. Cash designated for the purpose of paying claims related to this reinsurance agreement was \$2.0 million and \$1.7 million at December 31, 2015 and 2014, respectively. As required by the Office of the Superintendent of Financial institutions regulations related to the Company's reinsurance agreement with Omega General Insurance Company, the Company is required to fund a Canadian Trust account with the greater of CAD \$2.0 million or 115% of unearned Canadian premium plus 15% of outstanding Canadian claims, including all incurred by not reported claims.

The Company has not transferred any risk to third-party reinsurers.

In November 2012, the Company began writing one-year pet insurance policies for an unaffiliated general agent. Revenue during 2015, 2014 and 2013 totaled \$9.9 million, \$10.0 million and \$7.0 million, respectively, and deferred revenue relating to this arrangement at December 31, 2015 and 2014 was \$5.5 million and \$5.1 million, respectively.

Advertising

Advertising costs are expensed as incurred, with the exception of television advertisements, which are expensed for the first time each advertisement is aired. Advertising costs amounted to \$5.3 million, \$3.2 million and \$0.7 million, in 2015, 2014 and 2013, respectively.

Stock-Based Compensation

The Company measures compensation expense for stock-based transactions to employees at fair value on the date of grant and recognizes such cost, on a straight-line basis over the requisite service period (generally four years) net of estimated forfeitures, except for the restricted stock with a performance condition which is measured on graded and vesting schedule. Many factors are considered when estimating forfeitures, including types of awards, employee class and historical experience. Stock options are valued using the Black-Scholes-Merton option-pricing model. The fair value of restricted stock units (RSUs) and restricted stock awards is based on the fair value of the Company's stock on the date of the grant.

The Company measures compensation cost for stock-based compensation to non-employees at fair value and remeasures the award each period until the award vests.

Income Taxes

Income taxes are accounted for under the liability method. Deferred tax assets and liabilities are recognized for the future tax consequences attributable to differences between the financial statement carrying amounts of existing assets and liabilities and their respective tax bases and operating loss and tax credit carryforwards. Deferred tax assets and liabilities are measured using enacted tax rates expected to apply to taxable income in the years in which those temporary differences are expected to be recovered or settled. The effect on deferred tax assets and liabilities of a change in tax rates is recognized in the period that includes the enactment date. Valuation allowances are provided for when it is considered more likely than not that deferred tax assets will not be realized.

The Company recognizes the effect of income tax positions only if those positions are more likely than not of being sustained. Recognized income tax positions are measured at the largest amount that is greater than a 50% likelihood of being realized. Penalties and interest are classified as a component of income taxes.

Foreign Currency

The Company's consolidated financial statements are reported in U.S. dollars. Assets and liabilities of international subsidiaries with non-U.S. dollar functional currencies are translated to U.S. dollars at the exchange rates in effect on the balance sheet date. Revenue and expenses for each subsidiary are translated to U.S. dollars using a weighted-average rate for the relevant reporting period. Translation adjustments resulting from this process are included in accumulated other comprehensive loss, and totaled \$0.4 million as of December 31, 2015. Gains and losses that arise from exchange rate fluctuations for monetary asset and liability balances that are not denominated in an entity's functional currency are included within other income.

Concentrations of Credit Risk

Financial instruments which potentially subject the Company to concentration of credit risk consist primarily of cash and cash equivalents, investments and accounts receivable. The Company manages its risk by investing cash equivalents and investment securities in money market instruments and securities of the U.S. government, U.S. government agencies and high-credit-quality issuers of debt securities.

Credit risk with respect to accounts receivable is dispersed due to the large number of customers. In addition, the Company's credit risk is mitigated by the relatively short collection period.

Recent Accounting Pronouncements

In May 2014, the Financial Accounting Standards Board (FASB) issued an Accounting Standard Update (ASU) amending revenue recognition guidance and requiring more detailed disclosures to enable users of financial statements to understand the nature, amount, timing, and uncertainty of revenue and cash flows arising from contracts with customers. Insurance contracts are excluded from the scope of this new guidance. The guidance is effective for annual and interim reporting periods beginning after December 15, 2017, with early adoption permitted, and must be applied retrospectively or modified retrospectively. The Company does not believe this ASU will have a material impact on its consolidated financial statements.

In May 2015, the FASB issued an ASU amending short-term insurance contract disclosures and requiring more detailed disclosures to enable users of financial statements to understand information relating to liabilities for unpaid claims and claims adjustment expenses. Additionally, the amendments will also require insurance entities to disclose information about significant changes in methodologies and assumptions used to calculate these liabilities. This guidance is effective for annual reporting periods beginning after December 15, 2015 and interim periods beginning after December 15, 2016. Early adoption of this guidance is permitted, and must be applied retrospectively by providing comparative disclosures for each period presented. The Company plans to adopt this guidance as of December 31, 2016.

In November 2015, the FASB issued an ASU amending the accounting for income taxes and requiring all deferred tax assets and liabilities to be classified as non-current on the consolidated balance sheet. The ASU is effective for reporting periods beginning after December 15, 2016, with early adoption permitted. The ASU may be adopted either prospectively or retrospectively. The Company plans to adopt this guidance as of December 31, 2016.

2. Net Loss per Share

Basic net loss per share is calculated by dividing the net loss by the weighted-average number of shares of common stock outstanding for the period. Excluded from the weighted-average number of shares outstanding are shares that have been issued and are subject to future vesting and unvested restricted stock. Diluted net loss per share is calculated by dividing the net loss by the weighted-average number of common stock equivalents outstanding for the period determined using the treasury-stock method. Potentially dilutive common stock equivalents are comprised of convertible preferred stock and common stock,

exchangeable shares, unvested restricted stock and stock options. For all periods presented, there is no difference in the number of shares used to calculate basic and diluted shares outstanding due to the Company's net loss position.

The following potential dilutive equity securities are not included in the diluted net loss per common share calculation because they would have had an antidilutive effect:

	As of December 31,		
	2015	2014	2013
Stock options	4,871,949	5,112,556	4,663,445
Restricted stock awards and units	472,384	592,625	722,226
Warrants	869,999	869,999	884,111
Series A convertible preferred stock	—	—	7,466,283
Series B convertible preferred stock	—	—	3,546,384
Series C convertible preferred stock	—	—	3,845,322
Exchangeable shares	—	—	2,247,130

Convertible preferred stock is presented on an as converted basis to reflect the applicable conversion ratio at December 31, 2013.

3. Property and Equipment, Net

Property and equipment, along with their useful lives, were as follows for the years ended December 31, 2015 and 2014 (in thousands):

	Years Ended December 31,	
	2015	2014
Office and telephone equipment (5 years)	\$ 127	\$ 123
PC and networking hardware (3–4 years)	1,177	1,125
Software (3–5 years)	12,547	8,532
Furniture and fixtures (5 years)	711	711
Vehicles (5 years)	54	54
Leasehold improvement (over less of expected useful life of life of lease)	621	571
Property and equipment	15,237	11,116
Accumulated depreciation	(5,518)	(3,254)
Property and equipment, net	\$ 9,719	\$ 7,862

Depreciation and amortization expense for property and equipment was \$2.5 million, \$1.6 million and \$0.9 million for 2015, 2014 and 2013, respectively.

The Company capitalized interest of \$0.2 million and \$0.1 million in 2014 and 2013, respectively, related to software developed for internal use.

4. Intangible Assets

The Company acquired an insurance company in 2007, which originally included licenses in 23 states. These licenses were valued at \$4.8 million. The Company is currently licensed in all 50 states, the District of Columbia and Puerto Rico. Most licenses are renewed annually upon payment of various fees assessed by the issuing state. Renewal costs are expensed as incurred. This is considered an indefinite-lived intangible asset given the planned renewal of the certificates of authority and applicable licenses for the foreseeable future. No impairments have been recorded on this asset as of December 31, 2015.

5. Investment Securities

The amortized cost, gross unrealized holding losses, and fair value of available-for-sale and short-term investments by major security type and class of security were as follows as of December 31, 2015 and 2014 (in thousands):

	Amortized Cost	Gross Unrealized Holding Losses	Fair Value
As of December 31, 2015			
Available-for-sale:			
Foreign deposits	\$ 1,442	\$ —	\$ 1,442
Municipal bond	1,000	(54)	946
	<u>\$ 2,442</u>	<u>\$ (54)</u>	<u>\$ 2,388</u>
Short-term investments:			
U.S. Treasury securities	\$ 5,683	\$ —	\$ 5,683
Certificates of deposit	1,551	—	1,551
U.S. government funds	18,054	—	18,054
	<u>\$ 25,288</u>	<u>\$ —</u>	<u>\$ 25,288</u>

	Amortized Cost	Gross Unrealized Holding Losses	Fair Value
As of December 31, 2014			
Available-for-sale:			
Municipal bond	\$ 1,000	\$ (58)	\$ 942
	<u>\$ 1,000</u>	<u>\$ (58)</u>	<u>\$ 942</u>
Short-term investments:			
U.S. Treasury securities	\$ 5,677	\$ —	\$ 5,677
Certificates of deposit	800	—	800
U.S. government funds	15,894	—	15,894
	<u>\$ 22,371</u>	<u>\$ —</u>	<u>\$ 22,371</u>

Maturities of debt securities classified as available-for-sale were as follows (in thousands):

	December 31, 2015	
	Amortized Cost	Fair Value
Available-for-sale:		
Due under one year	\$ —	\$ —
Due after one year through five years	1,442	1,442
Due after five years through ten years	1,000	946
Due after ten years	—	—
	<u>\$ 2,442</u>	<u>\$ 2,388</u>

The Company had one investment with an unrealized loss of \$0.1 million and a fair value of \$0.9 million at December 31, 2015 and 2014. This investment has been in an unrealized loss position for more than 12 months. The Company assessed the bond for credit impairment and determined that there is no intent to sell this bond and it is likely that it will hold the investment for a period of time sufficient to allow for recovery. Furthermore, future payments on this bond are insured by a financial guarantee insurer. Therefore, the Company believes that the unrealized loss on this bond constitutes a temporary impairment.

6. Fair Value

The Company determines fair value based on assumptions that market participants would use in pricing an asset or liability in the principal or most advantageous market. The Company utilizes valuation techniques that maximize the use of observable inputs and minimize the use of unobservable inputs to the extent possible.

When considering market participant assumptions in fair value measurements, the following fair value hierarchy distinguishes between observable and unobservable inputs, which are categorized in one of the following levels:

- Level 1 inputs: Unadjusted quoted prices in active markets for identical assets or liabilities accessible to the reporting entity at the measurement date.
- Level 2 inputs: Valuations based on observable inputs other than quoted prices included in Level 1, such as quoted prices for similar assets and liabilities in active markets, quoted prices for identical or similar assets and liabilities in markets that are not active, or other inputs that are observable or can be corroborated by observable market data.
- Level 3 inputs: Unobservable inputs for the asset or liability used to measure fair value to the extent that observable inputs are not available, thereby allowing for situations in which there is little, if any, market activity for the asset or liability at the measurement date.

The following table presents the placement in the fair value hierarchy of assets and liabilities that are measured at fair value on a recurring basis (in thousands):

	As of December 31, 2015			
	Fair Value	Level 1	Level 2	Level 3
Assets				
Foreign deposits	\$ 1,442	\$ 1,442	\$ —	\$ —
Municipal bond	946	—	946	—
Money market funds	7,545	7,545	—	—
Total	\$ 9,933	\$ 8,987	\$ 946	\$ —
	As of December 31, 2014			
	Fair Value	Level 1	Level 2	Level 3
Assets				
Municipal bond	\$ 942	\$ —	\$ 942	\$ —
Money market funds	44,575	44,575	—	—
Total	\$ 45,517	\$ 44,575	\$ 942	\$ —

A rollforward of activity in liabilities valued using Level 3 inputs is as follows (in thousands):

	Warrant Liabilities
	2014
Balance at January 1,	\$ 4,900
Issued warrant liability awards	1,124
Settlement of warrant liability upon exercise	(1,270)
Change in fair value upon remeasurement	(1,574)
Reclassification to stockholders' equity	(3,180)
Balance at December 31,	<u>\$ —</u>

Changes in fair value upon remeasurement are recorded in other (income) expense, net on the consolidated statement of operations.

The Company estimates fair value for its long-term debt based upon rates currently available to the Company for debt with similar terms and remaining maturities. This is a Level 3 measurement. Based upon the terms of the debt, the carrying amount of long term debt approximated fair value at December 31, 2014.

The Company's accounting policy is to recognize transfers between levels of the fair value hierarchy on the date of the event or change in circumstances that caused the transfer. There were no transfers between levels for the twelve months ended December 31, 2015 and 2014.

The following methods and assumptions were used to estimate the fair value of each class of financial instruments:

- Investment securities: Long-term investments classified as available-for-sale are measured using quoted market prices when quoted market prices are available. If quoted market prices in active markets for identical assets are not available to determine fair value, then the Company uses quoted prices of similar instruments and other significant inputs derived from observable market data obtained from third-party data providers. Short-term investments are carried at amortized cost and the fair value is disclosed in Note 3. Fair value is determined in the same manner as available-for-sale securities and is considered a Level 2 measurement.
- Warrant liabilities: These liabilities are valued using the Black-Scholes-Merton option-pricing model using certain unobservable inputs that are estimated by the Company. These inputs include a measure of volatility using an average of peer companies' publicly traded stock volatility, expected dividend payments based on management's assertion that no dividends will be paid in the near term, the remaining contractual term and a discount rate using an average equivalent bond yield calculation. The range of inputs used is as follows:

	<u>Year Ended December 31, 2014</u>
Expected volatility	34%-46%
Expected dividends	—%
Risk-free rate	0.03%-2.02%
Term	0.1-6.0 years

An increase or decrease in any of these unobservable inputs would result in a change in the fair value measurement, which may be significant. The liabilities were revalued each period-end until exercised, expired or modified to exclude recurring fair value measurement. Gains and losses on revaluation of the liabilities were recorded in other (income) expense, net in the Company's consolidated financial statements.

7. Equity Method Investments

During 2015, the Company invested \$0.3 million in DataPoint, LLC in exchange for 300,000 units of Series A preferred stock resulting in a 13% equity interest. Additionally, if certain revenue and EBIT (Earnings before interest and taxes) targets are not met as of April 1, 2017, the Company's ownership interest will increase proportionally by the amount by which the targets were missed, up to a maximum of 28%. The Company's equity interest in DataPoint, LLC is accounted for under the equity method as the Company has the ability to exert significant influence. The equity method investment balance is adjusted each period on a one quarter lag to recognize the proportionate share of net income or loss, including adjustments to recognize certain differences between the carrying value and the equity in net assets.

8. Commitments and Contingencies

During the third quarter of 2015, the Company entered into a lease agreement for a building located in Seattle, Washington. The initial 10-year term of the lease is expected to commence in the second quarter of 2016. The Company is obligated to pay a total of \$21.0 million over the 10-year term.

The Company has operating leases, related to equipment and office facilities, which expire over the next three years with various renewal options. Minimum rent payments under operating leases are recognized on a straight-line basis over the term of the lease. Rental expense for operating leases was \$1.0 million, \$0.8 million and \$0.8 million during 2015, 2014 and 2013, respectively.

Future minimum lease payments under noncancelable operating leases (with initial or remaining lease terms in excess of one year) as of December 31, 2015, are as follows (in thousands):

Year ending December 31:	
2016	\$ 1,407
2017	1,502
2018	1,887
2019	2,047
2020	2,128
2021-2026	12,495
Total minimum lease payments	<u>\$ 21,466</u>

The Company has entered into agreements for strategic marketing initiatives, as well as with independent contractors to provide services for a period of time. Future commitments related to these contracts are as follows (in thousands):

Year ending December 31:	
2016	\$ 2,075
2017	782
2018	326
2019	326
2020	141
2021	16
Total minimum commitment	<u>\$ 3,666</u>

During 2013, the Company determined that it owes goods and services tax (GST) and harmonized sales tax (HST) in Canada for certain intercompany fees charged to its Canadian entities from 2007 through 2013. The Company began a voluntary self-disclosure with the Canada Revenue Agency for these unpaid taxes in 2014 under the Canada Revenue Agency Voluntary Disclosures Program, which was accepted in 2014. During the second quarter of 2015, the Company received the final assessment of GST and HST owed and paid the full amount of \$0.8 million to the Canada Revenue Agency.

The Company is involved from time to time in claims, regulatory examinations and litigation, including the following:

The Company received an inquiry from the Washington State Office of the Insurance Commissioner (OIC) in December 2012 concerning whether one of its subsidiaries was properly licensed, and whether certain of its employees were properly licensed, under Washington law. A regulatory examination took place during the third and fourth quarters of 2014. On September 22, 2015, the OIC issued a detailed report and the Company timely issued a response during the fourth quarter of 2015. As of December 31, 2015 and 2014, the Company had accrued liabilities of \$0.4 million and \$0.2 million, respectively, for this matter. Adverse outcomes beyond recorded amounts are reasonably possible. At this stage in the matter, however, the Company is unable to estimate a possible loss or range of possible loss beyond amounts accrued.

The outcomes of the Company's legal proceedings are inherently unpredictable, subject to significant uncertainties, and could be material to the Company's operating results and cash flows for a particular period. The Company makes a provision for a liability relating to legal matters when it is both probable that a liability beyond previously accrued amounts has been incurred and the amount of the loss can be reasonably estimated. These provisions are reviewed at least quarterly and adjusted to reflect the impacts of negotiations, estimated settlements, legal rulings, advice of legal counsel and other information and events pertaining to a particular matter.

9. Claims Reserve

Activity in the claims reserve is summarized as follows (in thousands):

	Years Ended December 31,		
	2015	2014	2013
Claims reserve at beginning of year	\$ 5,107	\$ 5,612	\$ 2,582
Claims incurred during the year related to:			
Current year	103,373	80,438	56,702
Prior years	(49)	(525)	(65)
Total claims incurred	103,324	79,913	56,637
Claims paid during year related to:			
Current year	96,951	75,094	50,907
Prior years	4,987	5,088	2,516
Total claims paid	101,938	80,182	53,423
Non-cash claims expense	219	236	184
Claims reserve at end of year	\$ 6,274	\$ 5,107	\$ 5,612

The decrease in incurred claims for prior years in the year ended December 31, 2015, December 31, 2014 and December 31, 2013 is primarily due to less claims than expected relating to prior year claims.

10. Debt

The Company has a revolving line of credit with a bank, which is secured by any and all interest the Company has in assets that are not otherwise restricted. The revolving line of credit bore a variable interest rate as of December 31, 2015 and 2014, equal to the greater of 5.0% or 1.5% plus the prime rate. Interest expense is due monthly on the outstanding principal amount with all amounts outstanding under the revolving line of credit due upon maturity in July 2017. The credit agreement requires the Company to comply with various financial and non-financial covenants. As of December 31, 2015 and December 31, 2014, the Company was in compliance with these covenants. This facility also had a compensating balance requirement of \$0.5 million as of December 31, 2015 and 2014.

Borrowings on the revolving line of credit were limited to the lesser of \$20.0 million in 2015 and 2014, and the total amount of cash and securities held by American Pet Insurance Company (APIC), less up to \$3.0 million and \$0.5 million, respectively, for obligations the Company may have outstanding for other ancillary services in the future. During 2015, the Company repaid its borrowings under this facility, and as of December 31, 2015, had no outstanding amounts under this facility. As of December 31, 2014, the Company's outstanding borrowings under this facility were \$14.9 million.

On December 23, 2013, the Company obtained a term loan in an aggregate principal amount of \$12.0 million. This note was entered into at a discount of \$3.8 million related to the issuance of warrants being deducted from the principal amount. On July 2, 2014, the Company entered into an amended and restated credit agreement in relation to this existing \$12.0 million term loan for a secured subordinated term loan totaling \$29.0 million, which reflected an increase of \$17.0 million from the prior agreement. The amended principal amount was entered into at an additional discount of \$1.1 million as a result of the issuance of warrants. The term loan bore a fixed interest rate of 11.0% per year and was due on the earlier of three years from the issue date or certain triggering events, including a qualifying IPO, which would result in a 1.5% prepayment premium on the \$17.0 million increase related to the amendment. The \$29.0 million term loan was repaid in full on July 23, 2014, including \$0.9 million in accrued interest and a prepayment fee of \$0.3 million. The unamortized discount on debt totaling \$4.4 million was included in interest expense in the consolidated statement of operations.

The Company entered into a new lease agreement during the third quarter of 2015 which required the Company to issue a security deposit in the form of an irrevocable standby letter of credit totaling \$1.1 million which expires in August 2016 and renews annually thereafter. This amount reduces the Company's available revolving line of credit. As of December 31, 2015, the Company had \$18.4 million available under its revolving line of credit.

Interest expense during 2015, 2014 and 2013 related to all loans was \$0.3 million, \$6.7 million and \$0.6 million, respectively.

11. Stock-Based Compensation

In June 2014, the Company's Board of Directors adopted the 2014 Equity Incentive Plan (2014 Plan), which succeeded the 2007 Equity Compensation Plan upon the Company's IPO. The 2014 Plan authorizes the award of stock options or restricted stock to directors, officers, employees, and non-employees. All awards have 10-year contractual terms. At December 31, 2015, there were 3,068,551 additional shares available for the Company to grant under the 2014 Plan.

Stock Options

The grant date fair value of stock option awards are estimated on the date of grant using the Black-Scholes-Merton option-pricing model. Valuation assumptions for the years ended December 31, 2015, 2014 and 2013 are presented in the following table:

	Years Ended December 31,		
	2015	2014	2013
Valuation assumptions:			
Expected term (in years)	3.0-6.25	6.25	6.25
Expected volatility	37.2%-49.4%	54.3%-59.3%	54.9%-57.4%
Risk-free interest rate	1.1%-2.0%	1.8%-2.0%	1.0%-2.0%
Expected dividend yield	—%	—%	—%

Expected term: The expected term represents the period that the Company's stock-based awards are expected to be outstanding. As the Company does not have sufficient historical experience for determining the expected term of stock-based awards granted, the expected term for awards issued to employees is based on the simplified method, which represents the average period from vesting to the expiration of the stock option.

Expected volatility: As the Company does not have significant trading history for common stock, the expected stock price volatility for common stock is estimated by taking the average historical price volatility for identified peers based on daily price observations over a period equivalent to the expected term of the stock option grants. The Company does not rely on implied volatilities of traded options in identified peers' common stock because the volume of activity is relatively low. The Company intends to continue to consistently apply this process using these or similar public companies until a sufficient amount of historical information regarding the volatility of the Company's common stock price becomes available.

Risk-free interest rate: The risk-free interest rate for the expected term of the stock option is based on the U.S. Treasury yield curve at the date of grant.

Expected dividend yield: The Company does not expect to pay any dividends in the foreseeable future.

Stock option activity for the years ended December 31, 2015, 2014 and 2013 was as follows:

	Number of Options	Weighted- Average Exercise Price	Aggregate Intrinsic Value (in thousands)
December 31, 2012	4,226,883	1.32	—
Granted	1,294,150	4.40	—
Exercised	(547,981)	1.11	2,285
Forfeited	(309,607)	2.48	—
December 31, 2013	4,663,445	2.12	30,406
Granted	754,200	9.64	—
Exercised	(176,595)	1.20	1,428
Forfeited	(128,494)	5.40	—
December 31, 2014	5,112,556	3.19	21,116
Granted	698,764	7.84	—
Exercised	(632,829)	2.12	3,703
Forfeited	(306,542)	7.65	—
December 31, 2015	4,871,949	3.71	29,644
Vested and exercisable at December 31, 2015	3,575,646	\$ 2.35	\$ 26,590

As of December 31, 2015, stock options outstanding had a weighted average remaining contractual life of 6.1 years and vested and exercisable options had a weighted average remaining contractual life of 5.2 years.

The weighted-average grant date fair value of stock options granted and the fair value of options vested were as follows for the years ending December 31, 2015, 2014, and 2013:

Year:	Weighted- Average Grant Date Fair Value	Fair Value of Options Vested
	(per share)	(in thousands)
2013	\$ 2.97	\$ 1,675
2014	\$ 5.33	\$ 2,203
2015	\$ 3.46	\$ 3,796

Restricted Stock Awards and Restricted Stock Units

The below table summarizes the Company's restricted stock award activity for the years ending December 31, 2015, 2014 and 2013:

	Number of Shares	Weighted- Average Grant Date Fair Value Per Restricted Stock
Nonvested stock award balance at December 31, 2012	—	\$ —
Restricted stock awards granted	732,708	4.77
Awards upon which restrictions lapsed	(10,482)	4.77
Restricted stock awards forfeited	—	—
Nonvested stock award balance at December 31, 2013	722,226	4.77
Restricted stock awards granted	6,126	5.79
Awards upon which restrictions lapsed	(143,967)	4.81
Restricted stock awards forfeited	—	—
Nonvested stock award balance at December 31, 2014	584,385	4.77
Restricted stock awards granted	2,385	7.26
Awards upon which restrictions lapsed	(119,262)	4.80
Restricted stock awards forfeited	—	—
Nonvested stock award balance at December 31, 2015	467,508	4.77

During the third quarters of 2015 and 2014, 116,877 shares of restricted stock, which were subject to a performance condition relating to the Company's IPO, vested and resulted in \$0.9 million and \$1.6 million of expense, respectively, included in general and administrative expense in the consolidated statement of operations. The fair value of these vested shares was approximately \$0.9 million and \$1.2 million, respectively. The remaining 467,508 shares of unvested restricted stock related to this agreement are expected to vest over the remaining service term of approximately four years.

Stock-based compensation expense includes stock options, restricted stock units and restricted stock awards granted to employees and non-employees, and is reported in the Company's consolidated statement of operations in claims expenses, other cost of revenue, sales and marketing, technology and development, and general and administrative expenses depending on the function performed by the employee or non-employee. Stock-based compensation expense recognized in each category of the consolidated statement of operations for the years ended December 31, 2015, 2014 and 2013 was as follows (in thousands):

	Years Ended December 31,		
	2015	2014	2013
Claims expenses	\$ 219	\$ 236	\$ 184
Other cost of revenue	44	79	46
Sales and marketing	446	553	677
Technology and development	404	461	351
General and administrative	1,889	2,755	680
Total stock-based compensation	\$ 3,002	\$ 4,084	\$ 1,938

As of December 31, 2015, the Company had unrecognized stock-based compensation expense of \$5.5 million, which is expected to vest over a weighted-average period of approximately 2.6 years. As of December 31, 2015, the Company had 1,257,414 unvested stock options and 472,384 restricted stock awards that are expected to vest. No net tax benefits related to the stock-based compensation costs have been recognized since the Company's inception.

12. Stockholders' Equity

On July 23, 2014 the Company completed an IPO pursuant to which 8,193,750 shares of common stock were sold to the public at a price of \$10.00 per share. The Company received net proceeds of approximately \$72.8 million from the IPO. Upon the closing of the IPO, all shares of outstanding convertible preferred stock and exchangeable shares automatically converted into

14,944,945 and 2,247,130 shares of common stock, respectively. If this transaction had taken place on January 1, 2014, the Company's weighted-average shares outstanding for the twelve months ended December 31, 2014 would have been 27,067,167.

As of December 31, 2015, the Company had 200,000,000 shares of common stock authorized and 28,396,189 shares of common stock outstanding. Holders of common stock are entitled to one vote on each matter properly submitted to the stockholders of the Company except those related to matters concerning possible outstanding preferred stock. At December 31, 2015, the Company had 10,000,000 shares of undesignated shares of preferred stock authorized for future issuance and did not have any outstanding shares of preferred stock. The holders of common stock are also entitled to receive dividends as and when declared by the board of directors of the Company, whenever funds are legally available. These rights are subordinate to the dividend rights of holders of all classes of stock outstanding at the time. The Company is unable to pay dividends to stockholders as of December 31, 2015 due to restrictions in its credit agreements.

Warrants

At December 31, 2015 and 2014, the Company had warrants to purchase 869,999 shares of common stock at \$10.00 per share, which begin to expire in 2018. At the end of each reporting period prior to the IPO, the Company adjusted the fair value of the warrants (see Note 6). Immediately following the IPO, these warrants were no longer subject to contractual modification provisions and were reclassified from a liability classification to an equity classification on the consolidated balance sheet.

13. Segments

The Company has two segments: subscription business and other business. The subscription business segment includes monthly subscriptions related to the Company's medical plan which are marketed directly to consumers, while the other business segment includes all other business that is not directly marketed to consumers. Prior to January 1, 2015, certain enrollments that were not marketed directly to consumers were included in the subscription business segment as they were not segregated in reporting used by the chief operating decision maker. As of January 1, 2015, the Company began reporting these pets in its other business segment due to the characteristics of this business being similar to other arrangements within the other business segment. In addition, the chief operating decision maker began using information related to the subscription business segment excluding these pets in order to evaluate the Company's business and operations and make decisions. As such, these pets have been considered a part of the other business segment after January 1, 2015. Prior period segment information presented below has been recast to reflect this change.

The chief operating decision maker uses two measures to evaluate segment performance: revenue and gross profit. Additionally, other operating expenses, such as sales and marketing expenses, are allocated to each segment and evaluated when material. Interest and other expenses and income taxes are not allocated to the segments, nor included in the measure of segment profit or loss. The Company does not analyze discrete segment balance sheet information related to long-term assets.

Revenue and gross profit of the Company's segments were as follows (in thousands):

	Years Ended December 31,		
	2015	2014	2013
Revenue:			
Subscription business	\$ 133,406	\$ 103,502	\$ 76,413
Other business	13,557	12,408	7,416
	<u>146,963</u>	<u>115,910</u>	<u>83,829</u>
Claims expenses:			
Subscription business	95,420	74,206	53,288
Other business	7,904	5,707	3,349
	<u>103,324</u>	<u>79,913</u>	<u>56,637</u>
Other cost of revenue:			
Subscription business	14,008	10,963	8,106
Other business	4,402	5,160	3,442
	<u>18,410</u>	<u>16,123</u>	<u>11,548</u>
Gross profit:			
Subscription business	23,978	18,333	15,019
Other business	1,251	1,541	625
	<u>25,229</u>	<u>19,874</u>	<u>15,644</u>
Sales and marketing	15,231	11,608	9,091
Technology and development	11,215	9,899	4,888
General and administrative	15,558	14,312	8,652
Operating loss	<u>\$ (16,775)</u>	<u>\$ (15,945)</u>	<u>\$ (6,987)</u>

The following table presents the Company's revenue by geographic region of the member (in thousands):

	Years Ended December 31,		
	2015	2014	2013
United States	\$ 116,585	\$ 86,494	\$ 58,847
Canada	30,378	29,416	24,982
Total revenue	<u>\$ 146,963</u>	<u>\$ 115,910</u>	<u>\$ 83,829</u>

Substantially all of the Company's long-lived assets were located in the United States as of December 31, 2015 and 2014.

14. Dividend Restrictions and Statutory Surplus

The Company's business operations are conducted through subsidiaries, one of which is an insurance company domiciled in New York, and one which is a segregated cell business, Wyndham Segregated Account AX, located in Bermuda. In addition to general state law restrictions on payments of dividends and other distributions to stockholders applicable to all corporations, insurance companies are subject to further regulations that, among other things, may require such companies to maintain certain levels of equity and restrict the amount of dividends and other distributions that may be paid to their parent corporations.

Under regulatory requirements at December 31, 2015, the amount of dividends that may be paid by the Company's insurance subsidiary in New York to the Company without prior approval by regulatory authorities was less than \$0.1 million. The initial dividend payment to be paid from the segregated cell business to the Company, will not be calculated until 24 months from the effective date and annually thereafter. During 2015, 2014 and 2013, the Company's insurance subsidiaries did not pay any dividends to the Company.

The statutory net income for 2015, 2014 and 2013 and statutory capital and surplus at December 31, 2015, 2014 and 2013, for the Company's insurance subsidiary was as follows (in thousands):

	As of December 31,		
	2015	2014	2013
Statutory net income	\$ 1,386	\$ 990	\$ 1,126
Statutory capital and surplus	26,068	23,661	16,875

As of December 31, 2015, the Company's insurance subsidiary maintained \$26.1 million of statutory capital and surplus which was above the required amount of \$24.5 million of statutory capital and surplus to avoid additional regulatory oversight. As of December 31, 2015 and 2014, the Company had \$6.5 million on deposit with various states in which it writes policies.

15. Related Parties

The Company is party to an arrangement with the father of the Company's Chief Executive Officer, who serves as an independent contractor, to develop veterinary relationships and build referrals. The terms of the independent contractor agreement are consistent with the terms of other similar independent contractors that do business with the Company. Total amounts paid to the related party in 2015, 2014 and 2013 were \$0.3 million.

16. Income Taxes

Income (loss) before income taxes was as follows for the years ended December 31, 2015, 2014 and 2013 (in thousands):

	Years Ended December 31,		
	2015	2014	2013
United States	\$ (17,222)	\$ (21,371)	\$ (8,256)
Foreign	131	187	(11)
	\$ (17,091)	\$ (21,184)	\$ (8,267)

The components of income tax expense (benefit) were as follows (in thousands):

	Years Ended December 31,		
	2015	2014	2013
Current:			
U.S. federal & state	\$ 31	\$ 26	\$ 30
Foreign	84	(30)	(122)
	<u>115</u>	<u>(4)</u>	<u>(92)</u>
Deferred:			
U.S. federal & state	—	—	—
Foreign	(1)	(3)	—
	<u>(1)</u>	<u>(3)</u>	<u>—</u>
Income tax expense (benefit)	\$ 114	\$ (7)	\$ (92)

A reconciliation of income tax expense at the statutory federal income tax rate and income taxes as reflected in the financial statements is presented below:

	Years Ended December 31,		
	2015	2014	2013
Federal income taxes at statutory rate	34.0 %	34.0%	34.0%
Equity compensation	(1.2)	(0.9)	(8.6)
Change in valuation allowance	(34.9)	(32.5)	(25.1)
Other, net	1.4	(0.5)	0.8
Effective income tax rate	(0.7)%	0.1%	1.1%

The principal components of the Company's deferred tax assets and liabilities were as follows (in thousands):

	Years Ended December 31,	
	2015	2014
Deferred tax assets:		
Current:		
Unearned premium reserves	\$ 745	\$ 863
Loss reserves	167	150
Other	690	801
Noncurrent:		
Net operating loss carryforwards	20,514	14,346
Depreciation and amortization	451	356
Equity compensation	713	713
Other	96	228
Total deferred tax assets	23,376	17,457
Deferred tax liabilities:		
Current:		
Deferred costs	(189)	(140)
Noncurrent:		
Intangible assets	(1,623)	(1,623)
Other	(72)	—
Total deferred tax liabilities	(1,884)	(1,763)
Total deferred taxes	21,492	15,694
Less deferred tax asset valuation allowance	(23,110)	(17,313)
Net deferred taxes	\$ (1,618)	\$ (1,619)

At December 31, 2015, the Company had federal net operating loss carryforwards of \$63.5 million. Use of the carryforwards is limited based on the future income of the Company. The federal net operating loss carryforwards will begin to expire in 2027. Approximately \$3.1 million of the net operating loss (NOL) carryforwards relate to tax deductible stock-based compensation in excess of amounts recognized for financial statement purposes. To the extent that net operating loss carryforwards, if realized, relate to excess stock-based compensation, the resulting tax benefits will be recorded to stockholders' equity, rather than to results of operations. Pursuant to Sections 382 and 383 of the Internal Revenue Code, annual use of the Company's net operating loss carryforwards and credit carryforwards may be limited if the Company experiences an ownership change. The Company has not performed a significant analysis to determine whether the qualifying change in ownership that would limit the utilization of the NOLs has taken place.

A valuation allowance is required to reduce the deferred tax assets reported if, based on the weight of available evidence, it is more likely than not that some portion or all of the deferred tax assets will not be realized. After consideration of all the evidence, both positive and negative, the Company has recorded a full valuation allowance against its deferred tax assets at December 31, 2015 and 2014, because the Company's management has determined that it is more likely than not that these assets will not be fully realized.

The Company is open to examination by the U.S. federal tax jurisdiction for the years ended December 31, 2012 through 2015. The Company is also open to examination for 2007 and forward with respect to net operating loss carryforwards generated and carried forward from those years in the United States. The Company is open to examination by the Canada Revenue Agency for the years ended December 31, 2011 through 2015 for all corporate tax matters, and open for the years ended December 31, 2008 through 2015 for transactions with non-arm's length non-Canadian residents.

The Company accounts for uncertain tax positions based on a two-step process of evaluating recognition and measurement criteria. The first step assesses whether the tax position is more likely than not to be sustained upon examination by the taxing authority, including resolution of any appeals or litigation, on the basis of the technical merits of the position. If the tax position meets the more-likely-than-not criteria, the portion of the tax benefit greater than 50% likely to be realized upon settlement with the relevant tax authority is recognized in the financial statements. Net unrecognized tax benefits, interest, and penalties not expected to be settled within one year are included in other long-term liabilities on the consolidated balance sheets. No significant changes in uncertain tax positions are expected in the next twelve months.

A reconciliation of the beginning and ending amount of gross unrecognized tax benefits is as follows (in thousands):

	Years Ended December 31,		
	2015	2014	2013
Balance, beginning of year	\$ 65	\$ 390	\$ 526
Decreases to tax positions related to prior periods	—	(346)	(162)
Increases to tax positions related to the current year	15	21	26
Balance, end of year	\$ 80	\$ 65	\$ 390

17. Employee Benefits

The Company has a 401(k) plan for its U.S. employees. The plan allows employees to contribute a percentage of their pretax earnings annually, subject to limitations imposed by the Internal Revenue Service. The plan also allows the Company to make a matching contribution, subject to certain limitations. To date, the Company has made no contributions to the 401(k) plan.

18. Quarterly Financial Information (Unaudited)

The following table contains selected unaudited financial data for each quarter of 2015 and 2014. The unaudited information should be read in conjunction with the Company's financial statements and related notes included elsewhere in this report. The Company believes that the following unaudited information reflects all normal recurring adjustments necessary for a fair presentation of the information for the periods presented. The operating results for any quarter are not necessarily indicative of results for any future period.

	Three Months Ended							
	Dec. 31, 2015	Sept. 30, 2015	Jun. 30, 2015	Mar. 31, 2015	Dec. 31, 2014	Sept. 30, 2014	Jun. 30, 2014	Mar. 31, 2014
	(in thousands, except share amounts)							
Total revenues	\$ 40,201	\$ 37,865	\$ 35,587	\$ 33,310	\$ 31,868	\$ 30,312	\$ 28,090	\$ 25,640
Gross profit	7,270	6,591	5,786	5,582	5,524	4,445	5,150	4,756
Net loss	(3,001)	(4,643)	(4,625)	(4,936)	(4,276)	(8,509)	(3,479)	(4,913)
Net loss per share attributable to common stockholders:								
Basic and diluted	(0.11)	(0.17)	(0.17)	(0.18)	(0.16)	(0.41)	(2.25)	(3.22)
Weighted average shares used to compute net loss per share attributable to common stockholders:								
Basic and diluted	27,856,450	27,755,310	27,597,721	27,337,302	27,231,651	20,857,126	1,543,134	1,524,028

Item 9. Changes in and Disagreements with Accountants on Accounting and Financial Disclosure

None.

Item 9A. Controls and Procedures

Evaluation of Disclosure Controls and Procedures

Our management, with the participation of our Chief Executive Officer and Chief Financial Officer, has evaluated the effectiveness of our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act), as of the end of the period covered by this Annual Report on Form 10-K. Based on such evaluation, our Chief Executive Officer and Chief Financial Officer have concluded that as of such date, our disclosure controls and procedures were effective.

Management's Report on Internal Control over Financial Reporting

Our management is responsible for establishing and maintaining adequate internal control over financial reporting, as such term is defined under Rule 13a-15(f) and 15d-15(f) under the Exchange Act. Management has assessed the effectiveness of its internal control over financial reporting as of December 31, 2015 based on the criteria established in Internal Control - Integrated Framework issued by the Committee of Sponsoring Organizations of the Treadway Commission (2013 framework). As a result of this assessment, management concluded that, as of December 31, 2015, its internal control over financial reporting was effective in providing reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with U.S. generally accepted accounting principles.

Changes in Internal Control

There were no changes in our internal control over financial reporting identified in management's evaluation pursuant to Rules 13a-15(d) or 15d-15(d) of the Exchange Act during the quarter ended December 31, 2015 that materially affected, or are reasonably likely to materially affect, our internal control over financial reporting.

Limitations on Effectiveness of Controls and Procedures

In designing and evaluating the disclosure controls and procedures, management recognizes that any controls and procedures, no matter how well designed and operated, can provide only reasonable assurance of achieving the desired control objectives. In addition, the design of disclosure controls and procedures must reflect the fact that there are resource constraints and that management is required to apply judgment in evaluating the benefits of possible controls and procedures relative to their costs.

Item 9B. Other Information

None.

PART III

Item 10. Directors, Executive Officers and Corporate Governance

Information required by this Item is incorporated herein by reference to our Proxy Statement with respect to our 2016 Annual Meeting of Stockholders to be filed with the SEC within 120 days of the end of the fiscal year covered by this Annual Report.

Item 11. Executive Compensation

Information required by this Item is incorporated herein by reference to our Proxy Statement with respect to our 2016 Annual Meeting of Stockholders to be filed with the SEC within 120 days of the end of the fiscal year covered by this Annual Report.

Item 12. Security Ownership of Certain Beneficial Owners and Management and Related Stockholder Matters

Information required by this Item is incorporated herein by reference to our Proxy Statement with respect to our 2016 Annual Meeting of Stockholders to be filed with the SEC within 120 days of the end of the fiscal year covered by this Annual Report.

Item 13. Certain Relationships and Related Transactions and Director Independence

Information required by this Item is incorporated herein by reference to our Proxy Statement with respect to our 2016 Annual Meeting of Stockholders to be filed with the SEC within 120 days of the end of the fiscal year covered by this Annual Report.

Item 14. Principal Accountant Fees and Services

Information required by this Item is incorporated herein by reference to our Proxy Statement with respect to our 2016 Annual Meeting of Stockholders to be filed with the SEC within 120 days after the end of the fiscal year covered by this Annual Report.

PART IV

Item 15. Exhibits and Financial Statement Schedules

(a)(1) Financial Statements

We have filed the financial statements listed in the Index to Financial Statements as a part of this Annual Report on Form 10-K.

(a)(2) Financial Statement Schedules

Schedule I Condensed Financial Information of Registrant

No other financial statement schedules have been provided because the information called for is not required or is shown either in the financial statements or notes thereto.

(a)(3) Exhibits

The list of exhibits included in the Exhibit Index to this Annual Report on Form 10-K is incorporated herein by reference.

SIGNATURES

Pursuant to the requirements of Section 13 or 15(d) of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized, in the city of Seattle, state of Washington, on this 16th day of February, 2016.

TRUPANION, INC.

By: /s/ Darryl Rawlings

Darryl Rawlings
Chief Executive Officer and President

POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that each person whose signature appears below hereby constitutes and appoints Darryl Rawlings, Michael Banks and Asher Bearman, and each of them, as his or her true and lawful attorneys-in-fact, proxies and agents, each with full power of substitution, for him or her in any and all capacities, to sign any and all amendments to this Annual Report on Form 10-K, and to file the same, with all exhibits thereto and other documents in connection therewith, with the Securities and Exchange Commission, granting unto said attorneys-in-fact, proxies and agents full power and authority to do and perform each and every act and thing requisite and necessary to be done in connection therewith, as fully for all intents and purposes as he or she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact, proxies and agents, or their or his or her substitute or substitutes, may lawfully do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Exchange Act of 1934, this report has been signed below by the following persons on behalf of the registrant and in the capacities and on the dates indicated.

Date: February 16, 2016

/s/ Darryl Rawlings

Darryl Rawlings
Chief Executive Officer and President
(Principal Executive Officer)

Date: February 16, 2016

/s/ Michael Banks

Michael Banks
Chief Financial Officer *(Principal Financial and Accounting Officer)*

Date: February 16, 2016

/s/ Murray Low

Murray Low
Chairman of the Board of Directors

Date: February 16, 2016

/s/ Chad Cohen

Chad Cohen
Director

Date: February 16, 2016

/s/ Michael Doak

Michael Doak
Director

Date: February 16, 2016

/s/ Robin Ferracone

Robin Ferracone
Director

Date: February 16, 2016

/s/ Dan Levitan

Dan Levitan
Director

Date: February 16, 2016

/s/ H. Hays Lindsley

H. Hays Lindsley
Director

Date: February 16, 2016

/s/ Glenn Novotny

Glenn Novotny
Director

Date: February 16, 2016

/s/ Howard Rubin

Howard Rubin
Director

EXHIBIT INDEX

The following exhibits are filed as part of this Annual Report on Form 10-K or are incorporated herein by reference. Where an exhibit is incorporated by reference, the number in parentheses indicates the document to which cross-reference is made. See the end of this exhibit index for a listing of cross-reference documents.

Exhibit Number	Exhibit Description	Incorporated by Reference				Filed/ Furnished Herewith
		Form	File No.	Exhibit	Exhibit Filing Date	
3.1	Restated Certificate of Incorporation of the Registrant.	10-Q	001-36537	3.1	8/28/2014	
3.2	Restated Bylaws of the Registrant.	10-Q	001-36537	3.2	8/28/2014	
4.1	Form of Common Stock Certificate.	S-1	333-196814	4.1	6/16/2014	
4.2	Third Amended and Restated Registration Rights Agreement, dated October 25, 2011, by and among the Registrant and certain of its stockholders, as amended.	S-1	333-196814	4.4	6/16/2014	
10.1+	Form of Indemnity Agreement.	S-1	333-196814	10.1	6/16/2014	
10.2+	2007 Equity Compensation Plan and forms of stock option agreements and exercise notices, restricted stock notice agreement and restricted stock agreement thereunder.	S-1	333-196814	10.2	6/16/2014	
10.3+	2014 Equity Incentive Plan and forms of stock option award agreement, restricted stock agreement and restricted stock unit award agreement thereunder.	S-1	333-196814	10.3	6/16/2014	
10.4+	2014 Employee Stock Purchase Plan.	S-1	333-196814	10.4	6/16/2014	
10.5+	Amended and Restated Employment Agreement, dated April 20, 2007, by and between the Registrant and Darryl Rawlings.	S-1	333-196814	10.6	6/16/2014	
10.6+	Employment Agreement, dated June 13, 2012, by and between the Registrant and Michael Banks.	S-1	333-196814	10.7	6/16/2014	
10.7+	Consulting Agreement, dated May 5, 2014, by and between the Registrant and Howard Rubin.	S-1	333-196814	10.8	6/16/2014	
10.8+	Independent Contractor Agreement, effective as of March 7, 2014, by and between the Registrant and Peter R. Beaumont.	S-1	333-196814	10.9	6/16/2014	
10.9	Amended and Restated Loan and Security Agreement, dated August 24, 2012, by and among the Registrant, Trupanion Managers USA, Inc. and Square 1 Bank, as amended.	S-1	333-196814	10.10	6/16/2014	
10.10	Seventh Amendment to Amended and Restated Loan and Security Agreement, dated December 19, 2014, by and among the Registrant, Trupanion Managers USA, Inc. and Square 1 Bank.	10-K	001-36537	10.10	2/24/2015	

10.11	Eighth Amendment to Amended and Restated Loan and Security Agreement, dated September 4, 2015, by and among the Registrant, Trupanion Managers USA, Inc. and Square 1 Bank.	10-Q	001-36537	10.2	11/4/2015	
10.11	Lease Agreement, dated June 14, 2012, by and between American Pet Insurance Company and the Housing Authority of the City of Seattle, as amended.	S-1	333-196814	10.13	6/16/2014	
10.12	Lease, dated August 29, 2011, by and between C.D. Stimson Company and American Pet Insurance Company.	S-1	333-196814	10.14	6/16/2014	
10.12	Office Lease Agreement between Trupanion Inc. and Benaroya Capital Company, LLC, dated August 10, 2014.	10-Q	001-36537	10.1	11/4/2015	
10.13†	Agency Agreement between Omega General Insurance Company and Trupanion Brokers Ontario, Inc., effective January 1, 2015.	10-K	001-36537	10.13	2/24/2015	
10.14†	Fronting and Administration Agreement between Wyndham Insurance Company (SAC) Limited and Omega General Insurance Company, effective January 1, 2015.	10-K	001-36537	10.14	2/24/2015	
10.15†	Quota Share Reinsurance Agreement between Wyndham Insurance Company (SAC) Limited and Omega General Insurance Company, effective January 1, 2015.	10-K	001-36537	10.15	2/24/2015	
10.16†	Amendment to Lease Agreement, dated December 7, 2015, by and between American Pet Insurance Company and Selig Real Estate Holdings XXXIV, LLC, as amended.					X
21.1	Subsidiaries of the Registrant.					X
23.1	Consent of independent registered public accounting firm.					X
24.1	Power of Attorney (reference is made to the signature page hereto)					X
31.1	Certification of Principal Executive Officer, pursuant to Rule 13a-14(a)/15d-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.					X
31.2	Certification of Principal Financial Officer, pursuant to Rule 13a-14(a)/15d-14(a), as adopted pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.					X
32.1*	Certification of Chief Executive Officer, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.					X
32.2*	Certification of Chief Financial Officer, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.					X
101.INS	XBRL Instance Document.					X
101.SCH	XBRL Taxonomy Extension Schema Document.					X

101.CAL	XBRL Taxonomy Extension Calculation Linkbase Document.	X
101.DEF	XBRL Taxonomy Extension Definition Linkbase Document.	X
101.LAB	XBRL Taxonomy Extension Label Linkbase Document.	X
101.PRE	XBRL Taxonomy Extension Presentation Linkbase Document.	X

+ Indicates a management contract or compensatory plan or arrangement.

† Registrant has omitted portions of the referenced exhibit pursuant to a request for confidential treatment under Rule 24b-2 promulgated under the Exchange Act. The omitted portions of this exhibit have been filed separately with the SEC.

* This certification is deemed not filed for purpose of section 18 of the Exchange Act or otherwise subject to the liability of that section, nor shall it be deemed incorporated by reference into any filing under the Securities Act or the Exchange Act.

Schedule I - Condensed Financial Information of Registrant

Trupanion, Inc.
Condensed Balance Sheets
(Parent Company Only)
(In thousands, except for share and per share data)

	As of December 31,	
	2015	2014
Assets		
Current assets:		
Cash and cash equivalents	\$ 6,040	\$ 45,042
Prepaid expenses and other assets	364	399
Total current assets	6,404	45,441
Equity method investment	300	—
Property and equipment, net	641	450
Intangible assets, net	4,784	4,847
Advances to and investments in subsidiaries	35,006	25,219
Total assets	\$ 47,135	\$ 75,957
Liabilities and stockholders' equity		
Current liabilities:		
Accounts payable	\$ 11	\$ 7
Accrued liabilities	145	152
Deferred tax liabilities	169	124
Total current liabilities	325	283
Long-term debt	—	14,900
Deferred tax liabilities	1,454	1,499
Total liabilities	1,779	16,682
Stockholders' equity:		
Common stock, \$0.00001 par value per share, 200,000,000 shares authorized at December 31, 2015 and December 31, 2014, 29,017,168 and 28,396,189 issued and outstanding at December 31, 2015; 28,451,920 and 27,830,941 shares issued and outstanding at December 31, 2014.	—	—
Preferred stock: \$0.00001 par value per share, 10,000,000 authorized at December 31, 2015 and December 31, 2014, and 0 issued and outstanding at December 31, 2015 and December 31, 2014.	—	—
Additional paid-in capital	122,844	119,045
Accumulated other comprehensive (loss) income	(502)	11
Accumulated deficit	(74,385)	(57,180)
Treasury stock, at cost: 620,979 shares at December 31, 2015 and December 31, 2014.	(2,601)	(2,601)
Total stockholders' equity	45,356	59,275
Total liabilities and stockholders' equity	\$ 47,135	\$ 75,957

Trupanion, Inc.
Condensed Statements of Comprehensive Loss
(Parent Company Only)
(In thousands)

	Years Ended December 31,		
	2015	2014	2013
Expenses:			
Claims expenses	\$ 226	\$ 240	\$ 187
Other costs of revenue	44	79	46
Sales and marketing	621	553	677
Technology and development	628	528	391
General and administrative	3,852	4,108	1,131
Total expenses	<u>5,371</u>	<u>5,508</u>	<u>2,432</u>
Operating loss	(5,371)	(5,508)	(2,432)
Interest expense	325	6,726	609
Other (income) loss	(2)	(1,575)	630
Loss before equity in undistributed earnings of subsidiaries	<u>(5,694)</u>	<u>(10,659)</u>	<u>(3,671)</u>
Equity in undistributed earnings of subsidiaries	(11,511)	(10,518)	(4,504)
Net loss	<u>\$ (17,205)</u>	<u>\$ (21,177)</u>	<u>\$ (8,175)</u>
Other comprehensive (loss) income, net of taxes:			
Other comprehensive (loss) income of subsidiaries	(513)	175	(22)
Other comprehensive (loss) income	(513)	175	(22)
Comprehensive loss	<u>\$ (17,718)</u>	<u>\$ (21,002)</u>	<u>\$ (8,197)</u>

Trupanion, Inc.
Condensed Statements of Cash Flows
(Parent Company Only)
(In thousands)

	Years Ended December 31,		
	2015	2014	2013
Operating activities			
Net loss	\$ (17,205)	\$ (21,177)	\$ (8,175)
Adjustments to reconcile net loss to cash (used in) provided by operating activities:			
Loss attributable to equity method investments	11,511	10,518	4,504
Depreciation and amortization	126	67	37
Amortization of debt discount and prepaid loan fees	21	5,033	36
Warrant expense	—	(1,574)	543
Stock-based compensation expense	3,002	4,084	1,938
Other	—	—	52
Changes in operating assets and liabilities:			
Prepaid expenses and other assets	14	(339)	(64)
Accounts payable	(1,389)	889	1,840
Accrued liabilities	(8)	(84)	206
Net cash (used in) provided by operating activities	<u>(3,928)</u>	<u>(2,583)</u>	<u>917</u>
Investing activities			
Purchases of property and equipment	(149)	(243)	(65)
Equity method investment	(300)	—	—
Advances to and investments in subsidiaries	(19,900)	(22,209)	(9,455)
Net cash used in investing activities	<u>(20,349)</u>	<u>(22,452)</u>	<u>(9,520)</u>
Financing activities			
Restricted cash	—	3,000	(3,000)
Tax withholding on restricted stock	(643)	—	—
Proceeds from exercise of stock options	1,335	211	607
Repayment of debt financing	(14,900)	(15,000)	20,000
Other financing costs	—	(103)	(56)
Net Proceeds from IPO	—	72,755	—
Net cash (used in) provided by financing activities	<u>(14,208)</u>	<u>60,863</u>	<u>17,551</u>
Effect of foreign exchange rates on cash, net	(517)	175	(22)
Net increase (decrease) in cash and cash equivalents	<u>(39,002)</u>	<u>36,003</u>	<u>8,926</u>
Cash and cash equivalents at beginning of year	45,042	9,039	113
Cash and cash equivalents at end of year	<u>\$ 6,040</u>	<u>\$ 45,042</u>	<u>\$ 9,039</u>
Supplemental disclosures			
Income taxes paid	—	—	—
Interest paid	(155)	(1,494)	(642)
Noncash investing and financing activities:			
Warrants issued in conjunction with debt issuance	—	1,124	3,806
Exchange of stock and intangible asset for equity method investment	—	—	448
Cashless exercise of preferred stock warrants	—	1,270	—
Common stock warrant reclassification to equity	—	3,180	—

1. Organization and Presentation

The accompanying condensed financial statements present the financial position, results of operations and cash flows for Trupanion, Inc. These condensed unconsolidated financial statements should be read in conjunction with the consolidated financial statements of Trupanion, Inc. and its subsidiaries and the notes thereto (the Consolidated Financial Statements). Investments in subsidiaries are accounted for using the equity method of accounting.

Additional information about Trupanion, Inc.'s accounting policies pertaining to intangible assets, commitments and contingencies, debt financing, stock-based compensation, and stockholders' equity are set forth in Notes 4, 8, 10, 11 and 12, respectively, to the Consolidated Financial Statements

