Turkish Online Journal of Qualitative Inquiry (TOJQI) Volume 12, Issue 4, Month 2021: -640-652

A Market Survey On Pets And Pet Related Products With Special Reference To Tamilnadu

Dr.Saikumari.V¹, Vijay Chandrasekar C K², Vinuvarshit³, Vasanthen S L⁴, Nanda Kumar N⁵

Email: ¹hod.Mba@Eec.Srmrmp.Edu.In

¹professor, Head Of The Department, Department Of Management Studies, Eec (Chennai) ^{2,3,4,5} Research Scholar, Department Of Management, Easwari Engineering College (Chennai)

Abstract:

Over The Past Decade, The Pet Industry Has Been Seeing A Booming Growth. The Main Consumers Are Millennials And Generation Z, In Their Adulthood. The Owners Have Taken ALiking To Pet Owning And Caring To A Far Greater Extend. People See Their Animal Companion As An Extension Of Their Family. This Sudden Interest Over Animal Companionship Created A Demand And A Huge Market For The Products And Services Related To Pets. Indian Consumers' Way Of Spending For Their Pets Due To Their Strong Bond/Connection And Humanization. In This Paper, We Are Going To Learn About The Existing Market And New Opportunities By Conducting A Survey On How Much An Owner Is Willing To Spend For Their Pet Monthly. AndHow Many Are Interested To Get Into The Hobby Of Pet Keeping In Tamilnadu. There Are Vast Opportunities In The Pet Industry When It Comes To Sales Of Pets, Pet Products And Pet Related Services. This Study Discloses The Evolving Market And Current Trends In The Pet Industry.

Keywords

Pet Industry, Pet Market, Pet Owners, Animal Companion, Pets, Pet Products, Price, Service Industry

1. Introduction

Animal Companions Are Found In Households Throughout India. The Number Of Households With Cats And Dogs Is Approximately 2 Million And 16.5 Million Respectively In 2019. Pets Are An Important Part Of Consumer's Daily Lives. And This Interaction Of Owners With Their Pets Attracts More Market Demand And Supply. When It Comes ToOther Expenditure For Pets, Vaccination Accounts The Highest .The Pet Care Market Valued About 81 Billion Rupees In Year 2019 Is To See Continuous Growth ,Making It The Fastest Growing Pet Industry In The World. This Was Due To The Consumer Behaviour Or Urge To Have Animal Companions, Specifically Seen In Metropolitans. And India Is One Among The Highest For The Dog Population.

In Terms Of Market Value Indian Pet Industry Has Come A Long Way And Is Still Seeing Exponential Growth Day By Day .The Reason Behind The Growth Is That People See Their Animal Companions/Pets As An Extension Of Their Family. Veterans From The Pet Industry Believes That This Is Just A Beginning And Adoptions And Interest Over Pets MeansProgress.

2. Objectives Of The Study

- 1. To Understand Customer Perception On Pets
- , Average Expenditure Of Animal Companions, Consumers Willingness To Spend.
- 2. To Explore Various Opportunities Booming In The Pet Industry.

3. Need For The Study

The Purpose Of The Study Is To Understand The Consumer Behaviour Towards Buying A PetAnd Spending For Their Pets Special Reference To Tamilnadu, Data Gathered From A Specialized Survey. And To Understand The

Convenient Mode Of Purchase And To Evaluate. This Study Will Help The Marketers To Understand Their Customers Needs And Various Opportunities In The Pet Industry

4. Scope Of The Study

The Study Covers The Behaviour Of Consumers Towards Pets, Pet Related Products And Services And The Willingness To Spend For Their Pets In The Region Of Tamilnadu. The Study Is Segmented Based On Age, Product Type, Region(District), Price And Expenditure. The Findings Front He Study Will Be Valuable To Academicians, Researchers, Marketers As Well As The Consumers.

5. Limitations Of The Study

The Main Constraints Were

- 1. Since The Study Is In Reference With Tamilnadu, The Data Gathered From Other Regions Were Neglected And Analysed Based On Tamilnadu.
- 2. The Sample Size Is Limited, Hence The Study Can't Be Taken As Universal.
- 3. The Study Is Based On The Assumption That The Data Given By The Respondents Is Correct.

6. Methodology Of The Study

The Primary Data For The Research Was Collected Using A Structured Questionnaire, The Sample Set Size Was 100 Respondents Randomly From Tamilnadu. The Questionnaire Was Prepared In A Way To Gather Data Necessary For The Study .The Collected Data Was Carefully Scrutinized And Analyzed Using Various Statistical Methodologies .

7. Statistical Tools And Techniques

The Various Tools Used To Analyze The Gathered Data Are Percentage Analysis, One Way Anova .To Understand In Detail The Research Is Classified Based On Age Groups, Districts, Gender And Price.

Age Category:

Based On Income As Factor, Age Has Been Categorized Into Three Segments As (Shown In Figure 7.1.1):

Category 1 - 18 Below (3.5%) Category 2 - 18-25 Years (84.5%)

Category 3 - 25 Above (12.0%)

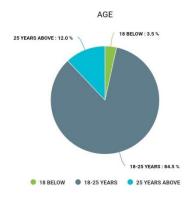


Figure 7.1.1: Age Category

Hence The Majority Of The Respondents Are From Category Two. Followed By CategoryThree.Based On The Categories The Following Tests Will Be Carried Out On Expenses For The Animal Companions By The Pet Owners.

Gender And Pet Comparison:

Based On Gender Male , Female, The Type Of Pet Owned Is Being Classified And The Percentage Is Being Analysed As ShownBelow(Figure 7.2.1 ,7.2.2, 7.2.3) . Each Figure Represents Male And Type Of Pets Owned, Female And Type Of Pets Owned And Percentage Analysis Between Them Respectively.

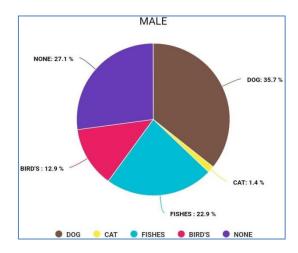


Figure 7.2.1: Male And Pet Types

From The Above(Fig 7.2.1) , The Data Can BeInterpreted As The Percentage Of Males Owning Dogs, Cats , Fishes, Birds And None Are 35.7% ,1.4%,22.9%,12.9% And 27.1% Respectively .

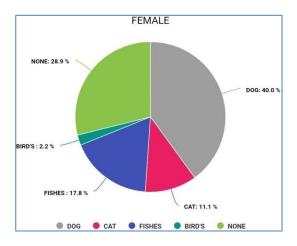


Figure 7.2.2: Female And Pet Types

From The Above(Fig 7.2.2) , The Data Can BeInterpreted As The Percentage Of Males Owning Dogs, Cats , Fishes, Birds And None Are 40.0%,11.1%,17.8%,2.2% And 28.9%

Respectively.

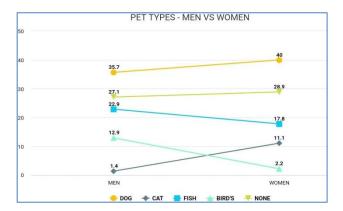


Figure 7.2.3: Pet Types - Men Vs Women

From The Above Line Chart (Fig. 7.2.3), The Data Is Compared Between Men And Women Based On Type Of Pets .Comparing Dogs, Cats,Fish, Birds And None Owned , Men 35.7% ,1.4%,22.9%,12.9 And 27.1% With Women 40%, 11.1%, 17.8%, 2.2% And 28.9%

Respectively.

From This We Can Come To A Conclusion That Women Own More Dogs ,Cats .And Men Like Fishes And Birds. And Overall,Women Are Not Into Owning Pets Compared To Men .

Buying A Pet Reference To Age:

In The Below Given Bar Chart (Fig 7.3.1), The Amount Of Money Spent To Buy A Pet With Reference With Age Is Given.

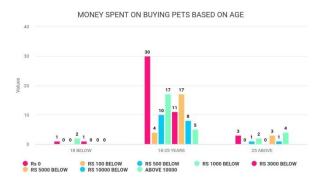


Figure 7.3.1: Money Spent To Buy A Pet

Age Category One And Three Are NeglectedBecause This Paper Is Based On Millennials And Generation Z. Hence Category Two , Age Group Between 18-25 Years Has Been Focused.

The Above Data Shows That 30.6% Are Not Interested In Spending To Buy A Pet , ThisCategory Consists Of Both Adaptations And Non Buyers.17.34% Of People Are Interested To Buy The Pets For Rs.1000 Below And Rs.5000 Below .10.2% To Buy For Less Than Rs.100. 11.22% Are Interested To Buy For Rs.3000 Below. 8.16% To Buy Their Pets For 10000 Below. 5.1% Of The Respondents Are Ready To Buy Pets For Rs.10000 And Above.

From This Data We Can Interpret That The Major Population Is Interested In Buying Pets Between Rs.3000-Rs.5000.

Regular Expenses For Pets:

The Regular Expenditure Of Pets Play A MajorRole In The Pet Industry Which Consists Of Health Care, Food Products , And Other Pet Related Products. In The Below Given Chat(Fig7.4.1) , The Data About The Willingness To Spend For Animal Companions Is Compiled.

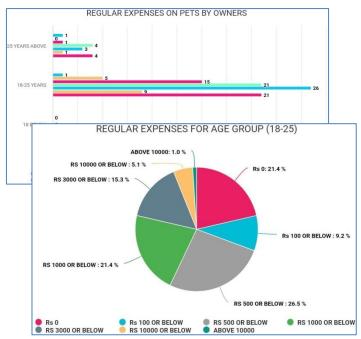


Figure 7.4.1: Regular Expenditure For Pets

The Above Bar Chart(Fig 7.4.1) Holds The Overall Values Of All Age Categories, But Since The Paper Is Focused On Millennials And Generation Z, Categories One And Two Are Eliminated And The Data Is Scrutinized To Get The Below Data (Fig 7.4.2).

Figure 7.4.2: Regular Expenditure (18-25yrs)

The Figure 7.4.2 Represents The Age Category Two (18 - 25 Years), Representing The Millennials And Regular Expenditure For Their Animal Companions.

21% Of The Respondents Are Not Spending For Their Pets And This Group Consists Of The Non Pet Owners. 9.2% Of The Pet Owners Are Having A Regular Expense Below Rs.100. Whereas 26.5% Of The Respondents Spend Rs.500 Or Below For Their Pets .21.4% , 15.3% , 5.1 % Are Willing To Spend Below 1000, Rs.3000. Rs.10000 Respectively. And 1% Of The Respondents Are Spending 10000 And Above For Their Animal Companions.

Anova Test 1:

Hypothesis:

Null Hypothesis H0 = There Is NoSignificant Difference Between Number Of Pets And Age Of Pets.

Alternate Hypothesis H1 = There IsSignificant Difference Between Number Of Pets And Age Of Pets.

ANOVA

Do you have a pet and if yes, how many?

	Sum of Squares	df	Mean Square	F	Sig.
Between Groups	126.429	5	25.286	11.649	<.001
Within Groups	238.769	110	2.171		
Total	365.198	115			

Figure 7.5.1 : Anova Test

Inference

From The Above Test(Figure 7.5.1) The Calculated Value Is Greater Than Table Value.

Therefore, There Is A Significant Difference Between The Number Of Pets And Age Of Pets.

Chi-Square Test 2:Hypothesis:

Null Hypothesis H0 = There Is No Association Between How Much Do You Spent To Buy A Pet And Age Of Pet.

Alternate Hypothesis H1 = There Is Association Between How Much Do You Spent To Buy A Pet And Age Of Pet.

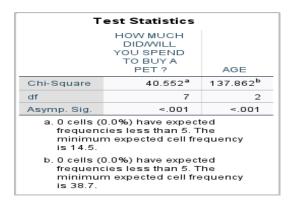


Figure 7.6.1: Chi Square Test

Inference:

From The Above Table(Figure 7.6.1), It Was Greater Than 0.05. So, Accept Alternative Hypothesis (*H*1). The Result Shows That There Is An How Much Do You Spend To Buy A Pet And Age Of Pet.

CorrelationHypothesis:

Null Hypothesis H0 = There Is No

Significant Relationship Between Where DidYou Get The Pet And Mode Of Buying.

Alternate Hypothesis H1 = There IsSignificant Relationship Between Where Did You Get The Pet And Mode Of Buying.

	Correlations		
		Where did you get your pet?	Do you prefer
Where did you get your pet?	Pearson Correlation	1	.413
	Sig. (2-tailed)		<.001
	N	116	116
Do you prefer :	Pearson Correlation	.413**	1
	Sig. (2-tailed)	<.001	
	N	116	116

^{**.} Correlation is significant at the 0.01 level (2-tailed).

Figure 7.7.1: Correlation

Inference:

From The Above Test(Figure 7.7.1), It Is Positively Correlated. Therefore, There Is An Association Between Where Did You Get The Pet And Mode Of Buying.

Kruskal Wallis TestHypothesis:

Null Hypothesis H0 = There Is No

Significant Difference Between RegularExpenses Of Pet And Age Of Pet.

Alternate Hypothesis H1 = There IsSignificant Difference Between Regular Expenses Of Pet And Age Of Pet.

Test Statistics a,b

REGULAR EXPENSES FOR PETS ?

With the Arter and the Artifact and the
1.851
2
.396

a. Kruskal Wallis Test

b. Grouping Variable: AGE

Figure 7.8.1: Kruskal Wallis Test

Inference:

From The Above Test(Figure 7.8.1), The Calculated Value Is Greater Than Table Value. Therefore, There Is A Significant Relationship Between Regular Expenses Of Pets And Age OfPets..

8. Findings From The Analysis:

The Findings From The Primary Data GatheredIs Collectively Mentioned Here. From The Respondents It Was Clear That 21.4% Were Not Interested In Buying Pets And 76.4% Interested To Buy A Pet Or Already Have An Animal Companion .

Based On Gender , Women Are Likely To Get Dogs And Cats Compared To Men . And Men Are Likely To Get Fishes And Birds Compared ToWomen.

The Most Loved Pets Of Both Genders AreDogs And Fishes, 31.4% And 19% Respectively.

When It Comes To Buying A Pet The Major Population Is Willing To Buy Pets For Rs.3000-Rs.5000. Around 34.68% Of The Respondents Fall Under This Category.

And Regular Expenses Between Rs.500 - Rs.1000. Around 47.95 Of The Respondents Fall Under This Category. There Is A Correlation Between Where The Pet Was Bought And The Preference Of Purchase. And Around 10.8% Of The Respondents Are Willing To Purchase Pets Online.

9. Suggestions

The Booming Pet Industry In Tamilnadu Has Given Opportunities To Various New Jobs ,Uch As Pet Cares, Pet Saloon And Other Pet Related Services. The Pet Owners Are Tightly Bonded With Their Animal Companions And Are Willing To Spend For Their Pets. Hence Various New Markets And Opportunities Have Risen. These Opportunities Should Be RealisedBy Society And Taken In Account.

Using Social Media To Market Their Products And To Check Reviews For The Products. Utilising The Opportunity By Creating An Online Platform For Selling Pets, Pet ProductsAnd Services Related To Pets.

10. Conclusion:

Tamilnadu Is Experiencing A Major Growth In Pet Industry For The Past Decade, And It Continues To Grow Further .The Total Population Of Tamilnadu Is 6.8crories And From The Study Is It Given That 78.6% Of The Respondents Are Interest In Having An Animal Companion .This Shows The Market Potential And Various Opportunities Raising With It.

Reference

- 1. Phillip Cassey, Miquel Vall-Llosera, Tim M Blackburn (2015), Going Cheap: Determinants Of Bird Price In The Taiwanese Pet Market, Retrieved Mar 2021 From Journals. Plos. Org
- 2. Will Schroeder, Christine Perfetti, And Jared M. Spool ,Enhancing User Interaction In Pet Market , Retrieved Apr 2021, FromWww.Uie.Com
- 3. Grand View Research (2018), "Pet Care Market Size, Share And Trends Analysis Report

By Pet Type(Dog, Cat, Fish, Bird), By Products, Competitive Landscape, AndSegment

Forecasts, 2018-2015", Retrieved Mar 2018 From Https://Www.Grandviewresearch.Com/Industr Y-Analysis/Pet-Care-Market

4.R.Judith Priya(2019), Dr. M. Nandhini

,Evolving Opportunities And Trends In The Pet Industry - An Analytical Study On Pet Products And Services

Jasc: Journal Of Applied Science And Computations Volume 5, Issue 11, November/2018 ,Issn No: 1076-5131

5. Pallavi Bhattacharya (2016), "In India, Time-Poor Millennials Are Making The Pet Products Industry Richer", Retrieved Apr 2021 from Http://Gingertail.In/News/1206/India-Time-Po Or-Millennials-Are-Making-Pet-Products-Industry-Richer

6. India Pet Care Market Outlook, 2022, Retrieved Mar 2021 From Https://Www.Researchandmarkets.Com/ReportS/4451065/India-Pet-Care-Market-Outlook-2022

Aylesworth, B., Chapman, K., & Dobscha,

S. (1999). Animal Companions And Marketing: Dogs Are More Than Just A Cell In The Bcg Matrix. Advances In Consumer Research, 26, 385–391.

Belk, R. W. (1988). Possessions And The Extended Self. Journal Of Consumer Research, 15, 139–168.

Belk, R. W. (1996). MetaphoricRelationships With Pets. Society And Animals, 4, 121–144.

Brockman, B. K., Taylor, V. A., & Brockman, C. M. (2008). The Price Of Unconditional Love: Consumer Decision Making For High-Dollar Veterinary Care. Journal Of Business Research, 61, 397–405. D'astous, A., & Deschênes, J. (2005). Consuming In One's Mind: An Exploration. Psychology & Marketing, 22, 1–30.

Hill, R. P., Gaines, J., & Wilson, R. M. (2008). Consumer Behavior, Extended-Self, And Sacred Consumption: An AlternativePerspective From Our Animal Companions. Journal Of Business Research, 61, 553–562 Hirschman, E. C. (1994). Consumers AndTheir Animal Companions. Journal Of Consumer Research, 20, 616–632.

Janda, S., & Trocchia, P. J. (2001). Vegetarianism: Toward A Greater Understanding. Psychology & Marketing, 18, 1205–1240.

Kienzle, E., Bergler, R., & Mandernach, A. (1998). A Comparison Of The Feeding Behavior And The Human-Animal Relationship In Owners Of Normal And Obese Dogs. JournalOf Nutrition, 128, 2779–2783.

Kropp, F. G., Smith, M. C., Rose, G. M., & Kahle, L. R. (1992). Values And Lifestyles Of Pet Ownership Among U.S. Adults 21 To 64 Years Of Age. Anthrozoos, 2, 33–37.

Morwitz, V. G. (2008). Marketing Extends Beyond Humans. Journal Of Business Research, 61, 544–545. Ridgway, N. M., Kukar-Kinney, M., Monroe

K. B., & Chamberlin, E. (2008). Does Excessive Buying For Self Relate To Spending On Pets? Journal Of Business Research, 61, 392–396.

Sanders, C. R. (1990). The Animal "Other": Self Definition, Social Identity And Companion Animals. In M. E. Goldberg, G. Gorn, & R. W. Pollay (Eds.), Advances In Consumer Research, Vol. 17 (Pp. 662–668). Provo, Ut: Association For Consumer Research.

Aha. 1992. Animal Shelter Reporting Study: 1991-1992 Entry/Exit Numbers. Englewood, Co: American Humane Association.

Anon. 1995. Animal Demographics Of Santa Clara County (Ca). Anthrozoös 8:178-179. Arkow P. 1994. A New Look At Pet Overpopulation. Anthrozoös 7:202-5. Avma. 1983. The Veterinary Services Market. Schaumburg, II: American Veterinary Medical Association; Center For Information Management.

Avma. 1988. The Veterinary Services Market For Companion Animals. Schaumburg, II: American Veterinary Medical Association; Center For InformationManagement.

Avma. 1992. The Veterinary Services Market For Companion Animals. Schaumburg, II: American Veterinary Medical Association; Center For InformationManagement.

Crispell, D. 1991. Pet Sounds. American Demographics (May):40-44, 53.

Crispell, D. 1994. Pet Projections. American Demographics (September):59.

Richard Day Research, Inc. 1988. A Nationwide Survey Of Pet Owners Scarsdale, Ny: American Pet Products Manufacturers Association.

Garvin, D. 1994. Public Perceptions: The Akc And Purebred Dogs. Akc Gazette 111:58-60.

Griffiths, A.O. And A. Brenner. 1977. Survey Of Cat And Dog Ownership In Champaign County, Illinois, 1976. JournalOf The American Veterinary Medical Association 170:1333-40.

Heussner, J.C. And W.E. Grant. 1978. Ecological Aspects Of Urban Dog Management: A Simulation Model. AnimalRegulation Studies 1:355-374.

Arkow, P. (2013). The Impact Of Companion Animals On Social Capital And Community Violence: Setting Research, Policy And Program Agendas. The Journal Of Sociology & Social Welfare, 40, 33-56.

Arluke, A. (2002). A Sociology Of Sociological Animal Studies. Society & Animals, 10(4), 369–374.

Bao, K. J., & Schreer, G. (2016). Pets And Happiness: Examining The Association Between Pet Ownership And Wellbeing. Anthrozoös, 29(2), 283–296.

Bennett, P. C., Trigg, J. L., Godber, T., & Brown, C. (2015). An Experience Sampling Approach To Investigating Associations Between Pet Presence And Indicators OfPsychological Wellbeing And Mood In Older Australians. Anthrozoos, 28(3), 403–420.

Brulliard, K., & Clement, S. (2019, January 31). How Many Americans Have Pets? An Investigation Into Fuzzy Statistics. The Washington Post. Retrieved From

Http://Www.Washingtonpost.Com/Science/201

9/01/31/How-Many-Americanshave-Pets-An-I

Nvestigation-Into-Fuzzy-Statistics/

Cbs News, 60 Minutes, And Vanity Fair. (2012). Cbs News/60 Minutes/Vanity Fair National Survey, March #3, 2011 [Data File]. Ann Arbor, Mi: Inter-University Consortium For Political And Social

Cutt, H., Giles-Corti, B., Knuiman, M., Timperio, A., & Bull, F. (2008). Understanding Dog Owners' Increased Levels Of Physical Activity: Results From Reside. American Journal Of Public Health, 98(1), 66-69.

Fischer, C. (2018). Understanding How Personal Networks Change: Wave 1 [Data File]. Ann Arbor, Mi: Inter-University Consortium For Political And Social Research.

Herzog, H. (2011). The Impact Of Pets On Human Health And Psychological Well-Being. Current Directions In Psychological Science, 20(4), 236–239.

Lem, M., Coe, J. B., Haley, D. B., Stone, E., & O'grady, W. (2016). The Protective Association Between Pet Ownership And Depression Among Street-Involved Youth: A Cross-Sectional Study. Anthrozoös, 29(1), 123–136.

Peek, C. W., Bell, N. J., & Dunham, C. C. (1996). Gender, Gender Ideology, And Animal Rights Advocacy. Gender & Society, 10(4), 464-478.

Peek, C. W., Dunham, C. C., & Dietz, B. E. (1997). Gender, Relational Role Orientation, And Affinity For Animal Rights. Sex Roles, 37(11–12), 905–920.

Poresky, R., & Daniels, A. (1998). Demographics Of Pet Presence And Attachment. Anthrozoös, 11(4), 236-241.

Saunders, J., Parast, L., Babey, S. H., & Miles, J. V. (2017). Exploring The Differences Between Pet And Non-Pet Owners:Implications For Human-Animal Interaction Research And Policy. Plos One, 12, 6.

Serpell, J. (1991). Beneficial Effects Of Pet Ownership On Some Aspects Of Human Health And Behaviour. Journal Of The Royal Society Of Medicine, 84(12), 717–720.

Ap-Petside.Com Poll, 2005. 7 In 10 Pet Owners: Shelters Should Kill Only Animals Too Sick Or Aggressive For Adoption. Http://Ap-Gfkpoll.

Com/Uncategorized/Ap-Petside-Com-Latest-PoLl-Findings (Accessed 04.06.13).

Asilomar Accords.

Http://Www.Asilomaraccords.Org (Accessed04.06.13).

Bartlett, P.C., Bartlett, A., Walshaw, S., Halstead, S., 2005. Rates Of Euthanasia And Adoption For Dogs And Cats In Michigan Animal Shelters. J. Appl. Anim. Welf. Sci. 8, 97–104.

Chicago Animal Shelter Alliance, 2010.

Maddie's Fund Community Grant.Community Statistics.

Http://Public.Tableausoftware.Com/ Views/Singleyear/Communitystatistics(Accessed 04.06.13).

Lue, T.W., Pantenburg, D.P., Crawford, P.M., 2008. Impact Of The Owner-Pet And Client-Veterinarian Bond On The Care That PetsReceive. J. Am. Vet. Med. Assoc. 232, 531–540.

Marston, L.C., Bennett, P.C., Coleman, G.J., 2005. What Happens To Shelter Dogs? Part 2. Comparing Three Melbourne Welfare SheltersFor Nonhuman Animals. J. Appl. Anim. Welf.Sci. 8, 25–45.

Murphy, M.D., Larson, J., Tyler, A., Kvam,

V., Frank, K., Eia, C., Bickettweddle, D., Flaming, K., Baldwin, C., Petersen, C.A., 2013. Assessment Of Owner Willingness To Treat Or Manage Diseases Of Dogs And Cats As A Guide To Shelter Animal Adoptability. J. Am. Vet. Med. Assoc. 242, 46–53.

Organizations Participating In The Asilomar Accords, 2011.

Http://Www.Asilomaraccords.Org/ParticipatinG Organizations.Html (Accessed 04.06.13).

Patronek, G.J., 2010. Use Of Geospatial Neighborhood Control Locations For Epidemiological Analysis Of Community-Level Pet Adoption Patterns. Am. J.

Vet. Res. 71, 1321–1330.

Patronek, G.J., Glickman, L.T., Beck, A.M., Mccabe, G.P., Ecker, C., 1996. Risk Factors For Relinquishment Of Dogs To An Animal Shelter.J.Am.Vet.Med. Assoc. 209, 572–581. Patronek, G.J., Slater, M., Marder, A., 2010. Use Of A Number-Needed-Toban Calculation To Illustrate Limitations Of Breed-Specific Legislation In Decreasing The Risk Of Dog Bite-Related Injury. J. Am. Vet. Med. Assoc. 237, 788–792.

Ramón, M.E., Slater, M.R., Ward, M.P., 2010. Companion Animal Knowledge, Attachment And Pet Cat Care And Their Associations With Household Demographics For Residents Of A Rural Texas Town. Prev. Vet. Med. 94, 251–263.

Salman, M.D., New Jr., J.G., Scarlett, J.M.,

Kass, P.H., Ruch-Gallie, R., Hetts, S., 1998. Human And Animal Factors Related To Relinquishment Of Dogs And Cats In 12

Selected Animal Shelters In The United States.

J. Appl. Anim. Welf. Sci. 1, 207-226.

Volk, J.O., Felsted, K.E., Thomas, J.G., Siren, C.W., 2011. Special Report Executive Summary Of The Bayer Veterinary Care Usage Study. J. Am. Vet. Med. Assoc. 238, 1275–1282.

Weng, H.Y., Hart, L.A., 2012. Impact Of The Economic Recession On Companion Animal Relinquishment, Adoption, And Euthanasia: A Chicago Animal Shelter's Experience. J. Appl. Anim. Welf. Sci. 15, 80–90.