

procedures and grooming.

You may notice some repetition between this section and other sections. That's okay. Overlap between surveys is part of the research design. As you consider the questions on the subsequent screens, please answer based on the last twelve months.

All questions are required unless stated otherwise. Please answer to the best of your ability.

Dental hygiene

	Never	Occasionally	Monthly	Weekly	Daily
How often do you examine your dog's teeth and mouth? [afus_mp_dental_examination_frequency]	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
How often do you brush your dog's teeth? [afus_mp_dental_brushing_frequency]	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
How often do you give your dog a dental care treat? [afus_mp_dental_treat_frequency]	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
How often do you give your dog a dental food? [afus_mp_dental_food_frequency]	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>
How often do you give your dog a mouthwash or water additive to freshen their breath? [afus_mp_dental_breath_freshener_frequency]	0 <input type="radio"/>	1 <input type="radio"/>	2 <input type="radio"/>	3 <input type="radio"/>	4 <input type="radio"/>

Has your dog undergone any dental procedures since [date_of_HLES_Baseline]? [afus_mp_dental_procedure_undergone]

- 1 ☐ Yes →
- 0 ☐ No

Has your dog had a routine dental cleaning performed since [date_of_HLES_Baseline]? [afus_mp_dental_cleaning]

- 1 ☐ Yes →
- 0 ☐ No

Has your dog had a dental extraction (tooth removal) performed since [date_of_HLES_Baseline]? [afus_mp_dental_extraction]

- 1 ☐ Yes →
- 0 ☐ No

Has your dog been professionally groomed since [date_of_HLES_Baseline]? [afus_mp_professional_grooming]

- 1 ☐ Yes →
- 0 ☐ No

How often is your dog professionally groomed? [afus_mp_professional_grooming_frequency]

- 1 ☐ Once a year
- 2 ☐ 2 - 6 times per year
- 3 ☐ 7 - 11 times per year
- 4 ☐ Monthly
- 5 ☐ Weekly

Have you washed and/or groomed your dog at home or at a self-grooming facility since {HLES1 completion date}? [afus_mp_home_grooming]

- 1 ☐ Yes →
- 0 ☐ No

How often do you wash and/or groom your dog at home or a self-grooming facility? [afus_mp_home_grooming_frequency]

- 1 ☐ Once a year
- 2 ☐ 2 - 6 times per year
- 3 ☐ 7 - 11 times per year
- 4 ☐ Monthly
- 5 ☐ Weekly

Do you use any type of products for flea and tick control? [afus_mp_flea_and_tick_treatment]

- 1 ☐ Yes →
- 0 ☐ No

Frequency of use? [afus_mp_flea_and_tick_treatment_frequency]

- 1 ☐ Occasionally
- 2 ☐ Regularly for part of the year or seasonally
- 3 ☐ Regularly for the entire year

Which of the following do you use for flea and tick control?

	Yes	No
Topical products [afus_mp_flea_and_tick_treatment_topical]	1 <input type="radio"/>	0 <input type="radio"/>
Medicated collars [afus_mp_flea_and_tick_treatment_collar]	1 <input type="radio"/>	0 <input type="radio"/>
Oral products [afus_mp_flea_and_tick_treatment_oral]	1 <input type="radio"/>	0 <input type="radio"/>
Dip solution [afus_mp_flea_and_tick_treatment_dip]	1 <input type="radio"/>	0 <input type="radio"/>
Injectable products [afus_mp_flea_and_tick_treatment_injectable]	1 <input type="radio"/>	0 <input type="radio"/>
Essential oils [afus_mp_flea_and_tick_treatment_essential_oils]	1 <input type="radio"/>	0 <input type="radio"/>
Shampoos or sprays [afus_mp_flea_and_tick_treatment_shampoo]	1 <input type="radio"/>	0 <input type="radio"/>
Environmental treatment [afus_mp_flea_and_tick_treatment_environmental]	1 <input type="radio"/>	0 <input type="radio"/>
Other: [afus_mp_flea_and_tick_treatment_other_description] [afus_mp_flea_and_tick_treatment_other]	1 <input type="radio"/>	0 <input type="radio"/>

If 'Yes' to topical products or medicated collars:

What brand of flea and tick control topical products or medicated collars do you use? [afus_mp_flea_topical_collar_brand]

See appendix for values

If 'Yes' to oral products:

What brand of oral flea and tick control products do you use? [afus_mp_flea_oral_brand]

See appendix for values

Do you use any type of heartworm prevention? [afus_mp_heartworm_preventative]

1 ☐ Yes →

0 ☐ No

Frequency of use? [afus_mp_heartworm_preventative_frequency]

1 ☐ Occasionally

2 ☐ Regularly for part of the year or seasonally

3 ☐ Regularly for the entire year

Which of the following do you use for heartworm prevention?

	Yes	No
Oral tablets/chewable medications [afus_mp_heartworm_preventative_oral_chewable]	1 <input type="radio"/>	0 <input type="radio"/>
Oral solution [afus_mp_heartworm_preventative_oral_solution]	1 <input type="radio"/>	0 <input type="radio"/>
Topical medications [afus_mp_heartworm_preventative_topical]	1 <input type="radio"/>	0 <input type="radio"/>
Injectable medications [afus_mp_heartworm_preventative_injectable]	1 <input type="radio"/>	0 <input type="radio"/>
Other: [afus_mp_heartworm_preventative_other_description] ↖ [afus_mp_heartworm_preventative_other]	1 <input type="radio"/>	0 <input type="radio"/>

What brand of heartworm preventative do you use?

[afus_mp_heartworm_preventative_brand]

See appendix for values

How often does your dog receive the rabies virus vaccine? [afus_mp_vaccine_rvv]

- 1 ☐ Receives every year
- 2 ☐ Receives more than once per year (e.g. every 6 months)
- 3 ☐ Receives less frequently than annually (e.g. every three years)
- 4 ☐ Receives occasionally, but not on a formal schedule
- 5 ☐ Received previously, but not giving any longer
- 6 ☐ Received as a puppy, but not since
- 7 ☐ Has received, but I am unsure about the schedule
- 8 ☐ Has previously received, but no longer being vaccinated
- 0 ☐ Has never received
- 99 ☐ I am unsure if they have received

How often does your dog receive the canine parvovirus, distemper virus, and adenovirus-2 vaccine (distemper combo vaccine)? [afus_mp_vaccine_dcv]

- 1 ☐ Receives every year
- 2 ☐ Receives more than once per year (e.g. every 6 months)
- 3 ☐ Receives less frequently than annually (e.g. every three years)
- 4 ☐ Receives occasionally, but not on a formal schedule
- 5 ☐ Received previously, but not giving any longer
- 6 ☐ Received as a puppy, but not since
- 7 ☐ Has received, but I am unsure about the schedule
- 8 ☐ Has previously received, but no longer being vaccinated
- 0 ☐ Has never received
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- 6 ☐ Received as a puppy, but not since
- 7 ☐ Has received, but I am unsure about the schedule
- 8 ☐ Has previously received, but no longer being vaccinated
- 0 ☐ Has never received
- 99 ☐ I am unsure if they have received

How often does your dog receive the parainfluenza virus and/or *Bordetella bronchiseptica* vaccine (kennel cough vaccine)? [afus_mp_vaccine_kcv]

- 1 ☐ Receives every year
- 2 ☐ Receives more than once per year (e.g. every 6 months)
- 3 ☐ Receives less frequently than annually (e.g. every three years)
- 4 ☐ Receives occasionally, but not on a formal schedule
- 5 ☐ Received previously, but not giving any longer
- 6 ☐ Received as a puppy, but not since
- 7 ☐ Has received, but I am unsure about the schedule
- 8 ☐ Has previously received, but no longer being vaccinated
- 0 ☐ Has never received
- 99 ☐ I am unsure if they have received

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- 5 ☐ Received previously, but not giving any longer
- 6 ☐ Received as a puppy, but not since
- 7 ☐ Has received, but I am unsure about the schedule
- 8 ☐ Has previously received, but no longer being vaccinated
- 0 ☐ Has never received
- 99 ☐ I am unsure if they have received

How often does your dog receive the canine *Borrelia burgdorferi* vaccine (Lyme disease vaccine)? [afus_mp_vaccine_idv]

- 1 ☐ Receives every year
- 2 ☐ Receives more than once per year (e.g. every 6 months)
- 3 ☐ Receives less frequently than annually (e.g. every three years)
- 4 ☐ Receives occasionally, but not on a formal schedule
- 5 ☐ Received previously, but not giving any longer
- 6 ☐ Received as a puppy, but not since
- 7 ☐ Has received, but I am unsure about the schedule
- 8 ☐ Has previously received, but no longer being vaccinated
- 0 ☐ Has never received
- 99 ☐ I am unsure if they have received

Please indicate any non-prescription medications or supplements you have given your dog or used on your dog IN THE PAST YEAR.

	Yes	No	
Antibiotic ointment or cream	1 <input type="radio"/>	0 <input type="radio"/>	[afus_mp_recent_non_prescription_meds_antibiotic_ointment]
Antihistamines (such as Benadryl)	1 <input type="radio"/>	0 <input type="radio"/>	[afus_mp_recent_non_prescription_meds_antihistamine]
Anti-Inflammatories	1 <input type="radio"/>	0 <input type="radio"/>	[afus_mp_recent_non_prescription_meds_anti_inflammatory]
Ear cleaners	1 <input type="radio"/>	0 <input type="radio"/>	[afus_mp_recent_non_prescription_meds_ear_cleaner]
Enzymes	1 <input type="radio"/>	0 <input type="radio"/>	[afus_mp_recent_non_prescription_meds_enzymes]
Eye lubricants	1 <input type="radio"/>	0 <input type="radio"/>	[afus_mp_recent_non_prescription_meds_eye_lubricant]
Joint supplements	1 <input type="radio"/>	0 <input type="radio"/>	[afus_mp_recent_non_prescription_meds_joint_supplement]
Medications for stomach or GI upset (such as Pepcid)	1 <input type="radio"/>	0 <input type="radio"/>	[afus_mp_recent_non_prescription_meds_upset_stomach]
Omega-3 or other fatty acids or fish oils	1 <input type="radio"/>	0 <input type="radio"/>	[afus_mp_recent_non_prescription_meds_omega3]
Skin coat supplement other than oils	1 <input type="radio"/>	0 <input type="radio"/>	[afus_mp_recent_non_prescription_meds_non_oil_skin]
Probiotics	1 <input type="radio"/>	0 <input type="radio"/>	[afus_mp_recent_non_prescription_meds_probiotic]
Supplement to acidify urine	1 <input type="radio"/>	0 <input type="radio"/>	[afus_mp_recent_non_prescription_meds_acidify_supplement]
Supplement to alkalinize urine	1 <input type="radio"/>	0 <input type="radio"/>	[afus_mp_recent_non_prescription_meds_alkalinize_supplement]
Vitamins	1 <input type="radio"/>	0 <input type="radio"/>	[afus_mp_recent_non_prescription_meds_vitamin]
Other: [afus_mp_recent_non_prescription_meds_other_description]	1 <input type="radio"/>	0 <input type="radio"/>	[afus_mp_recent_non_prescription_meds_other]

Woof! Thank you for telling us more about the your dog's preventive and maintenance care. As in human medicine, we're interested in understanding how preventive care influences overall health and wellness. If you're ready to move on, continue with the next section once you are returned to the portal. If you and your dog need a break, go ahead and relax! All your answers have been saved, and you can return to your personal portal to continue at any time..

Please click Submit below to finalize your answers and close this task.

Brand List: Flea and Tick Control (Topical and Collar)

1	Activyl	15	Hartz	29	Sentry
2	Adams	16	K9 Advantix II	30	Seresto
3	Adams Plus	17	Natural Care	31	ShieldTec
4	Advantage II	18	Natural Chemistry	32	TevraPet
5	Advantage Multi	19	Nutri Vet	33	TropiClean
6	Advecta	20	Onguard	34	Vectra
7	Arava Dead Sea Pet Spa	21	Only Natural Pet	35	Vetality Collar
8	Bravecto	22	Parastar	36	Vet's Best
9	CapAction	23	PetAction	37	Virbac Effitix
10	Dr. Mercola	24	PetArmor	38	Virbac Effipro
11	Fiproguard	25	PetLock	39	Zodiac Spot On
12	Frontline	2	Preventic	40	ZoGuard Plus
13	Frontline Gold	27	Revolution	98	Other
14	Frontline Plus	28	Sargeant's		

Brand List: Flea and Tick Control (Oral)

1	Advantus (Bayer)	7	Flea Away	13	Simparica
2	Bravecto	8	NexGard	14	Simparica Trio
3	CapAction	9	Only Natural Pet	15	Trifexis
4	Capstar	10	PetArmor	98	Other
5	Comfortis	11	Sentinel		
6	Credelio	12	Sentinel Spectrum		

Brand List: Heartworm Preventives

1	Advantage Multi	8	Ivermectin paste or solution	15	Senergy
2	Heartgard	9	Ivomec	16	Sentinel
3	Heartgard Plus	10	MilbeGuard	17	Sentinel Spectrum
4	Interceptor	11	Only Natural Pet	18	Simparica Trio
5	Interceptor Plus	12	Revolution	19	Trifexis
6	Iverhart Max	13	Selamectin	20	Tri-Heart Plus
7	Iverhart Plus	14	Selarid	98	Other