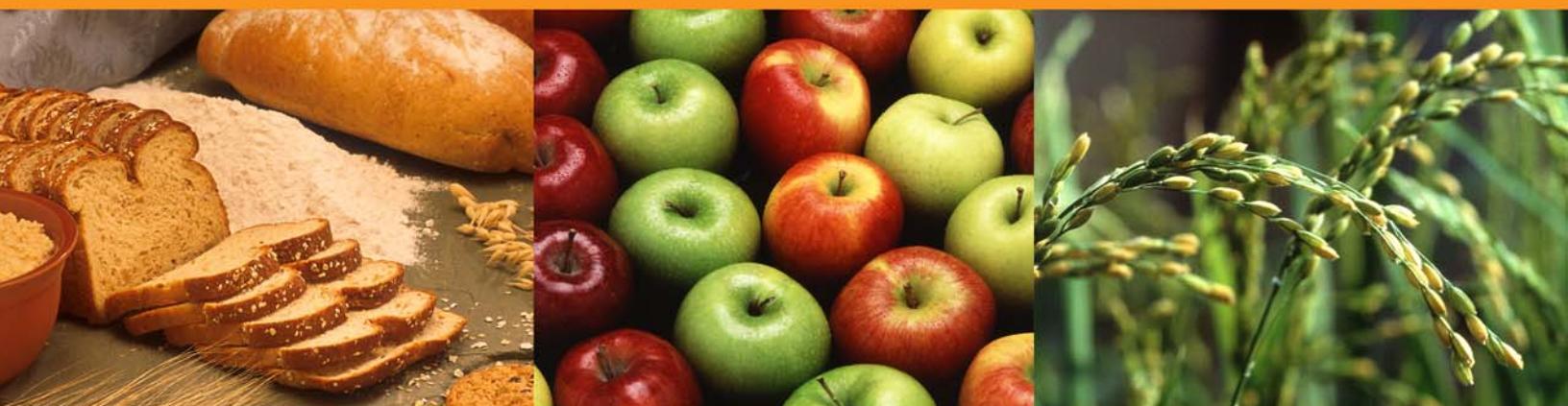




Foodborne Diseases Active Surveillance Network (FoodNet) Population Survey Atlas of Exposures, 2006-2007



U.S. Department of Health & Human Services
Centers for Disease Control and Prevention



The *Population Survey Atlas of Exposures* is published by the Enteric Diseases Epidemiology Branch, Division of Foodborne, Bacterial, and Mycotic Diseases, National Center for Emerging and Zoonotic Infectious Diseases, Centers for Disease Control and Prevention, Atlanta, GA 30333.

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FoodNet Population Survey, 2006-2007

The Foodborne Diseases Active Surveillance Network (FoodNet) is a collaborative network established in cooperation with the Centers for Disease Control and Prevention's Emerging Infections Program (EIP); state health departments in California, Colorado, Connecticut, Georgia, Maryland, Minnesota, New Mexico, New York, Oregon, and Tennessee; the Food and Drug Administration's Center for Food Safety and Applied Nutrition; and the United States Department of Agriculture's Food Safety Inspection Service. FoodNet is a sentinel network producing stable and accurate national estimates of the burden, trends, and sources of foodborne diseases in the United States through active surveillance and additional studies. Enhanced surveillance and investigation are integral parts of developing and evaluating new prevention and control strategies that can improve the safety of our food and the public's health. (www.cdc.gov/FoodNet).

FoodNet uses information gathered via the FoodNet Population Survey to determine the prevalence and severity of gastrointestinal illness among persons within the FoodNet sites and to summarize information on select exposures. Clearwater Research Inc. administered the 2006-2007 survey via telephone in the ten population-based FoodNet sites from May 2006 through April 2007. The 2006-2007 survey is the fifth cycle in a series of 12-month FoodNet Population Surveys.

FoodNet worked with Clearwater Research Inc. to carry out 2006-2007 FoodNet Population Survey. FoodNet developed and tested the questions included in the study. Clearwater Research Inc. created the survey sample using a modified version of the population sampling scheme developed by the CDC's Behavioral Risk Factor Surveillance Study (BRFSS). The BRFSS scheme produced a probability sample of the non-institutionalized, civilian adults age 18 and older in the household in the target geographic areas. The modified FoodNet sample included all household members regardless of age. The sampling process had two stages. At the first stage, Clearwater Research Inc. obtained the sample of randomly generated phone numbers from MSG/Genesys and used these to select households for inclusion using a disproportionate stratified sample (DSS) design. The DSS random-digit-dialing method used a sample frame that included all telephone numbers serving households in the geographic target areas and divided them into listed and unlisted telephone numbers. To improve the sample efficiency (ratio of sample records to completed interviews), Clearwater Research Inc. oversampled the listed number stratum at a rate of 1.5 times the rate for unlisted numbers. In the second stage, study staff used a computer algorithm, based on the number of females and males in the household, to randomly select one household member for interview.

All age groups were eligible for inclusion. For respondents aged 13 to 17, a parent or guardian had to either grant permission for the interview or agree to respond for the adolescent. For respondents aged 12 years or under, a parent or guardian was interviewed as a proxy to ascertain information about the child's exposure. We restricted the study to persons who spoke English and Spanish.

The total population of ten sites included in the study, according to the 2007 United States Census Bureau estimates, was 45,883,553 persons. From May 2006 through April 2007, Clearwater Research Inc. completed 17,372 interviews. Respondents were randomized into four groups. Respondents in the first and third group (n=8,829) were administered a separate food section from respondents in the second and fourth group (n=8,543). Several food exposures of interest, such as eggs, were asked in both food sections. Finally, respondents in the third and fourth groups were administered the animal exposure section of the questionnaire (n=8,718).

This report summarizes food consumption and animal exposure information collected during the study period, overall and by FoodNet site. The data reported is an average exposure among persons in the seven days prior to interview. Exposures and food preferences may change due to the time of year or among specific age-groups. All frequencies included in this report are unweighted.

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Fresh Vegetables Consumed in the Past 7 Days, by FoodNet Site (Food Exposures A)

	California N=564	Colorado N=904	Connecticut N=915	Georgia N=931	Maryland N=929	Minnesota N=928	New Mexico N=904	New York N=933	Oregon N=898	Tennessee N=923	Total N=8,829
Exposure	n	%	n	%	n	%	n	%	n	%	n
Celery	214	37.9	398	44.0	438	47.9	316	33.9	405	43.6	403
Mini-carrots in sealed bag	264	46.8	502	55.5	504	55.1	404	43.4	454	48.9	580
Loose or bagged carrots (full size)	184	32.6	262	29.0	307	33.6	224	24.1	233	25.1	296
Cucumbers	230	40.8	422	46.7	524	57.3	391	42.0	459	49.4	361
Broccoli	368	65.2	501	55.4	511	55.8	470	50.5	534	57.5	414
Cauliflower	123	21.8	195	21.6	180	19.7	176	18.9	172	18.5	236
Green bell peppers	219	38.8	412	45.6	428	46.8	406	43.6	414	44.6	356
Red bell peppers	220	39.0	341	37.7	353	38.6	194	20.8	278	29.9	242
Asparagus	174	30.9	238	26.3	209	22.8	147	15.8	224	24.1	168
Fresh corn	210	37.2	362	40.0	330	36.1	397	42.6	405	43.6	397
Snow peas (eaten in the pod)	90	16.0	148	16.4	104	11.4	84	9.0	119	12.8	102
Fresh beans	201	35.6	246	27.2	298	32.6	293	31.5	268	28.8	223
Brussel sprouts	57	10.1	64	7.1	74	8.1	56	6.0	62	6.7	45
Eggplant	73	12.9	51	5.6	131	14.3	44	4.7	69	7.4	31
Zucchini or other soft squash	222	39.4	287	31.7	301	32.9	277	29.8	244	26.3	160
Any hard squash (pumpkin, acorn, etc)	54	9.6	83	9.2	101	11.0	48	5.2	47	5.1	111
White or yellow onions	393	69.7	656	72.6	662	72.3	650	69.8	616	66.3	637

Fresh Vegetables Consumed in the Past 7 Days, by FoodNet Site (continued)

	California N=564	Colorado N=904	Connecticut N=915	Georgia N=931	Maryland N=929	Minnesota N=928	New Mexico N=904	New York N=933	Oregon N=898	Tennessee N=923	Total N=8,829	
Exposure	n	%	n	%	n	%	n	%	n	%	n	%
Green onions (scallions)	281	49.8	323	35.7	248	27.1	215	23.1	244	26.3	215	23.2
Leeks	34	6.0	37	4.1	47	5.1	25	2.7	29	3.1	19	2.0
Avocado (or guacamole)	306	54.3	414	45.8	167	18.3	146	15.7	163	17.5	149	16.1
Any homegrown fresh tomatoes (eaten raw)	107	19.0	204	22.6	210	23.0	291	31.3	257	27.7	241	26.0
Any store-bought fresh tomatoes	365	64.7	581	64.3	583	63.7	535	57.5	530	57.1	458	49.4

Fresh Vegetables Consumed in the Past 7 Days, by FoodNet Site (Food Exposures B)

	California N=525	Colorado N=937	Connecticut N=887	Georgia N=880	Maryland N=908	Minnesota N=886	New Mexico N=866	New York N=905	Oregon N=896	Tennessee N=853	Total N=8,543	
Exposure	n	%	n	%	n	%	n	%	n	%	n	%
Cabbage	160	30.5	229	24.4	202	22.8	311	35.3	225	24.8	206	23.3
Potatoes	365	69.5	700	74.7	664	74.9	662	75.2	662	72.9	701	79.1
Yams or sweet potatoes	106	20.2	191	20.4	232	26.2	270	30.7	235	25.9	135	15.2
Any salad mix that came in a sealed bag	233	44.4	407	43.4	304	34.3	320	36.4	334	36.8	328	37.0
Mesclun lettuce (spring mix)	202	38.5	303	32.3	267	30.1	214	24.3	246	27.1	180	20.3
Any other iceberg lettuce	187	35.6	449	47.9	407	45.9	403	45.8	407	44.8	392	44.2
Any romaine lettuce	312	59.4	482	51.4	454	51.2	339	38.5	430	47.4	348	39.3
Any other leaf lettuce	205	39.0	286	30.5	251	28.3	198	22.5	243	26.8	209	23.6
Any lettuce on sandwiches/burgers	271	51.6	467	49.8	416	46.9	425	48.3	432	47.6	432	48.8
Any tomatoes on a sandwich or burger	307	58.5	574	61.3	522	58.9	508	57.7	528	58.1	496	56.0
Fresh spinach (not frozen)	165	31.4	278	29.7	200	22.5	157	17.8	193	21.3	174	19.6
Other greens (collard, mustard, etc.)	93	17.7	91	9.7	98	11.0	204	23.2	133	14.6	47	5.3
Fresh garlic	313	59.6	398	42.5	430	48.5	256	29.1	317	34.9	260	29.3
Fresh mushrooms	246	46.9	355	37.9	308	34.7	264	30.0	273	30.1	267	30.1
Beets, turnips, or radishes	139	26.5	180	19.2	207	23.3	144	16.4	170	18.7	162	18.3
Any organic produce	274	52.2	337	36.0	260	29.3	151	17.2	220	24.2	199	22.5

Fresh Herbs Consumed in the Past 7 Days, by FoodNet Site

	California N=525	Colorado N=937	Connecticut N=887	Georgia N=880	Maryland N=908	Minnesota N=866	New Mexico N=866	New York N=905	Oregon N=896	Tennessee N=853	Total N=8,543	
Exposure	n	%	n	%	n	%	n	%	n	%	n	%
Fresh basil	130	24.8	144	15.4	224	25.3	121	13.8	159	17.5	110	12.4
Fresh parsley	140	26.7	158	16.9	224	25.3	128	14.5	178	19.6	124	14.0
Fresh cilantro	179	34.1	230	24.5	105	11.8	115	13.1	131	14.4	117	13.2

Sprouts Consumed in the Past 7 Days, by FoodNet Site

	California N=1,089	Colorado N=1,841	Connecticut N=1,802	Georgia N=1,811	Maryland N=1,837	Minnesota N=1,814	New Mexico N=1,770	New York N=1,838	Oregon N=1,794	Tennessee N=1,776	Total N=17,372	
Exposure	n	%	n	%	n	%	n	%	n	%	n	%
Alfalfa sprouts	75	6.9	110	6.0	71	3.9	52	2.9	64	3.5	80	4.4
Bean sprouts	125	11.5	141	7.7	108	6.0	85	4.7	104	5.7	89	4.9
Other sprouts (clover, mixed, broccoli)	102	9.4	157	8.5	156	8.7	185	10.2	181	9.9	101	5.6

Fresh Fruit Consumed in the Past 7 Days, by FoodNet Site (Food Exposures A)

	California N=564	Colorado N=904	Connecticut N=915	Georgia N=931	Maryland N=929	Minnesota N=928	New Mexico N=904	New York N=933	Oregon N=898	Tennessee N=923	Total N=8,829	
Exposure	n	%	n	%	n	%	n	%	n	%	n	%
Apples	359	63.7	586	64.8	587	64.2	557	59.8	528	56.8	599	64.5
Oranges	288	51.1	456	50.4	407	44.5	381	40.9	356	38.3	455	49.0
Strawberries	267	47.3	401	44.4	410	44.8	416	44.7	461	49.6	422	45.5
Lemon	243	43.1	263	29.1	275	30.1	247	26.5	250	26.9	155	16.7
Blueberries	142	25.2	229	25.3	256	28.0	190	20.4	247	26.6	176	19.0
Pears	141	25.0	218	24.1	223	24.4	154	16.5	174	18.7	191	20.6
Peaches	119	21.1	157	17.4	160	17.5	208	22.3	206	22.2	133	14.3
Grapefruit	92	16.3	136	15.0	141	15.4	94	10.1	128	13.8	114	12.3
Lime	97	17.2	179	19.8	120	13.1	92	9.9	116	12.5	90	9.7
Raspberries	77	13.7	159	17.6	107	11.7	54	5.8	95	10.2	164	17.7
Tangerines	95	16.8	102	11.3	99	10.8	120	12.9	76	8.2	7.3	82
Nectarines	78	13.8	77	8.5	91	9.9	78	8.4	89	9.6	85	9.2
Blackberries	62	11.0	82	9.1	57	6.2	52	5.6	71	7.6	46	5.0
Apricots	39	6.9	39	4.3	29	3.2	22	2.4	27	2.9	33	3.6

Fresh Fruit Consumed in the Past 7 Days, by FoodNet Site (Food Exposures B)

	California N=525	Colorado N=937	Connecticut N=887	Georgia N=880	Maryland N=908	Minnesota N=886	New Mexico N=866	New York N=905	Oregon N=896	Tennessee N=853	Total N=8,543
Exposure	n	%	n	%	n	%	n	%	n	%	n
Red grapes	239	45.5	354	37.8	333	37.5	313	35.6	363	40.0	418
Bananas	363	69.1	681	72.7	616	69.4	580	65.9	618	68.1	671
Green grapes	188	35.8	299	31.9	289	32.6	279	31.7	309	34.0	316
Any kind of grapes	304	57.9	491	52.4	473	53.3	445	50.6	507	55.8	536
Cantaloupe	176	33.5	295	31.5	270	30.4	256	29.1	305	33.6	285
Pineapple	159	30.3	303	32.3	250	28.2	292	33.2	297	32.7	270
Watermelon	172	32.8	269	28.7	231	26.0	226	25.7	251	27.6	235
Honeydew	101	19.2	148	15.8	130	14.7	127	14.4	152	16.7	128
Cherries	90	17.1	97	10.4	108	12.2	96	10.9	135	14.9	98
Mango	126	24.0	115	12.3	69	7.8	73	8.3	114	12.6	60
Plums	72	13.7	77	8.2	113	12.7	81	9.2	82	9.0	66
Kiwi	79	15.0	97	10.4	76	8.6	80	9.1	73	8.0	87
Plantains	22	4.2	25	2.7	40	4.5	33	3.8	41	4.5	13
Papaya	44	8.4	32	3.4	16	1.8	22	2.5	31	3.4	14

Eggs Consumed in the Past 7 Days, by FoodNet Site

	California N=1,089	Colorado N=1,841	Connecticut N=1,802	Georgia N=1,811	Maryland N=1,837	Minnesota N=1,814	New Mexico N=1,770	New York N=1,838	Oregon N=1,794	Tennessee N=1,776	Total N=17,372
Exposure	n	%	n	%	n	%	n	%	n	%	n
Fresh eggs	790	72.5	1,424	77.3	1,334	74	1,320	72.9	1,299	70.7	1,387
Any eggs at home	692	63.5	1,253	68.1	1,176	65.3	1,155	63.8	1,127	61.4	1,214
Any eggs away from home	292	26.8	543	29.5	520	28.9	518	28.6	486	26.5	524
Any eggs that were runny	108	9.92	209	11.4	160	8.88	167	9.22	144	7.84	216
Anything that had raw eggs	301	27.6	462	25.1	452	25.1	534	29.5	492	26.8	504

Unpasteurized Milk Consumed in the Past 7 Days, by FoodNet Site

	California N=1,089	Colorado N=1,841	Connecticut N=1,802	Georgia N=1,811	Maryland N=1,837	Minnesota N=1,814	New Mexico N=1,770	New York N=1,838	Oregon N=1,794	Tennessee N=1,776	Total N=17,372
Exposure	n	%	n	%	n	%	n	%	n	%	n
Any unpasteurized (raw) milk	33	3.0	44	2.4	49	2.7	68	3.8	55	3.0	41

Mexican Style Cheese and Cheese Prepared with Unpasteurized Milk Consumed in the Past 7 Days, by FoodNet Site

	California N=1,089	Colorado N=1,841	Connecticut N=1,802	Georgia N=1,811	Maryland N=1,837	Minnesota N=1,814	New Mexico N=1,770	New York N=1,838	Oregon N=1,794	Tennessee N=1,776	Total N=17,372
Exposure	n	%	n	%	n	%	n	%	n	%	n
Store-bought Mexican-style cheese	95	8.7	123	6.7	79	4.4	154	8.5	98	5.3	76
Homemade Mexican-style cheese	57	5.2	90	4.9	41	2.3	101	5.6	44	2.4	35
Any cheese made from unpasteurized milk	27	2.5	25	1.4	29	1.6	20	1.1	26	1.4	44

Dairy Consumed in the Past 7 Days, by FoodNet Site

	California N=564	Colorado N=904	Connecticut N=915	Georgia N=931	Maryland N=929	Minnesota N=928	New Mexico N=904	New York N=933	Oregon N=898	Tennessee N=923	Total N=8,829	
Exposure	n	%	n	%	n	%	n	%	n	%	n	%
Any pasteurized (regular) milk.	433	76.8	722	79.9	738	80.7	719	77.2	697	75.0	784	84.5
Ice cream	296	52.5	542	60.0	539	58.9	536	57.6	560	60.3	581	62.6
Butter (real butter; not margarine)	343	60.8	513	56.7	563	61.5	428	46.0	462	49.7	600	64.7
Fresh or flavored store-bought yogurt	269	47.7	454	50.2	435	47.5	315	33.8	409	44.0	421	45.4
Sour cream	157	27.8	302	33.4	244	26.7	312	33.5	246	26.5	340	36.6
Ice cream bars or frozen dairy desserts	150	26.6	242	26.8	233	25.5	282	30.3	281	30.2	251	27.0
Whipped cream	111	19.7	167	18.5	217	23.7	178	19.1	181	19.5	221	23.8
Frozen yogurt	49	8.7	73	8.1	68	7.4	71	7.6	69	7.4	70	7.5
Buttermilk (fluid, not powdered)	41	7.3	35	3.9	35	3.8	93	10.0	34	3.7	47	5.1
Any egg substitutes (Egg-Beaters, etc.)	36	6.4	71	7.9	72	7.9	46	4.9	67	7.2	46	5.0

Cheese Consumed in the Past 7 Days, by FoodNet Site

	California N=525	Colorado N=937	Connecticut N=887	Georgia N=880	Maryland N=908	Minnesota N=886	New Mexico N=866	New York N=905	Oregon N=896	Tennessee N=853	Total N=8,543	
Exposure	n	%	n	%	n	%	n	%	n	%	n	
Any cheese sold as or cut from solid blocks	322	61.3	623	66.5	521	58.7	488	55.5	498	54.9	561	64.8
Cheddar	292	55.6	576	61.5	403	45.4	501	56.9	419	46.2	508	57.3
American (processed) cheese	176	33.5	405	43.2	503	56.7	495	56.3	487	53.6	504	56.9
Any cheese on a deli-type sandwich	219	47.7	430	45.9	446	50.3	387	44.0	425	46.8	394	44.5
Any Parmesan or Romano	259	49.3	448	47.8	452	51.0	308	35.0	368	40.5	394	44.5
Cream cheese	147	28.0	244	26.0	248	28.0	206	23.4	258	28.4	219	24.7
Swiss cheese	131	25.0	258	27.5	199	22.4	187	21.3	193	21.3	195	22.0
Cottage cheese	98	18.7	226	24.1	155	17.5	117	13.3	140	15.4	224	25.3
Any string cheese	99	18.9	184	19.6	120	13.5	118	13.4	107	11.8	186	21.0
Uncooked mozzarella	93	17.7	139	14.8	118	13.3	110	12.5	146	16.1	141	15.9
Any blue-veined cheese (Bleu, gorgonzola)	115	21.9	159	17.0	150	16.9	126	14.3	120	13.2	129	14.6
Feta cheese	75	14.3	135	14.4	103	11.6	86	9.8	115	12.7	78	8.8
Any fancy imported cheese	95	18.2	122	13.1	90	10.2	55	6.3	79	8.8	68	7.7
Ricotta	50	9.5	84	9.0	126	14.2	76	8.6	67	7.4	55	6.2
Any cheese spread	41	7.8	62	6.6	57	6.4	91	10.3	64	7.1	89	10.1
Any cheese made from goat or sheep milk	82	15.6	99	10.6	85	9.6	64	7.3	72	7.9	47	5.3

Meat and Poultry Consumed in the Past 7 Days, by FoodNet Site

	California N=564	Colorado N=904	Connecticut N=915	Georgia N=931	Maryland N=929	Minnesota N=928	New Mexico N=904	New York N=933	Oregon N=898	Tennessee N=923	Total N=8,829	
Exposure	n	%	n	%	n	%	n	%	n	%	n	%
Any chicken prepared at home	357	63.3	584	64.6	672	73.4	624	67.0	605	65.1	580	62.5
Whole chicken prepared at home	147	26.1	189	20.9	294	32.1	274	29.4	244	26.3	210	22.6
If yes, was that whole chicken frozen?	53	9.4	92	10.2	72	7.9	105	11.3	92	9.9	98	10.6
Pre-cut chicken parts prepared at home	282	50.0	475	52.5	544	59.5	506	54.4	491	52.9	465	50.1
If yes, were pre-cut chicken parts frozen?	119	21.1	237	26.2	142	15.5	221	23.7	170	18.3	246	26.5
Any chicken prepared/eaten away from home	283	50.2	408	45.1	371	40.5	537	57.7	459	49.4	443	47.7
Ground chicken	18	3.2	26	2.9	35	3.8	33	3.5	38	4.1	50	5.4
Ground turkey	76	13.5	108	11.9	133	14.5	85	9.1	124	13.3	93	10.0
Turkey (whole or in parts)	133	23.6	227	25.1	182	19.9	196	21.1	229	24.7	182	19.6
Duck or game hen	17	3.0	26	2.9	26	2.8	11	1.2	28	3.0	21	2.3
Any other beef (steak, roasts, etc.) at home	210	37.2	412	45.6	406	44.4	421	45.2	406	43.7	459	49.5
Veal	16	2.8	15	1.7	59	6.4	22	2.4	34	3.7	7	.8
Pork	206	36.5	389	43.0	362	39.6	415	44.6	343	36.9	450	48.5
Ham	168	29.8	304	33.6	323	35.3	357	38.3	325	35.0	369	39.8
Lamb	64	11.3	48	5.3	69	7.5	35	3.8	64	6.9	27	2.9
Any kind of game (venison, pheasant)	8	1.4	34	3.8	23	2.5	54	5.8	26	2.8	121	13.0

Beef Consumed in the Past 7 Days, by FoodNet Site

	California N=1,089	Colorado N=1,841	Connecticut N=1,802	Georgia N=1,811	Maryland N=1,837	Minnesota N=1,814	New Mexico N=1,770	New York N=1,838	Oregon N=1,794	Tennessee N=1,776	Total N=17,372	
Exposure	n	%	n	%	n	%	n	%	n	%	n	%
Pre-frozen hamburger patties eaten at home	66	6.1	239	13.0	222	12.3	248	13.7	219	11.9	236	13.0
If yes, was it pink on the inside?	15	1.4	37	2.0	57	3.2	39	2.2	44	2.4	41	2.3
Fresh hamburger patties at home	144	13.2	401	21.8	458	25.4	478	26.4	427	23.2	539	29.7
If yes, was it pink on the inside?	34	3.1	94	5.1	146	8.1	83	4.6	95	5.2	102	5.6
Anything made with ground beef at home	269	24.7	739	40.1	635	35.2	719	39.7	615	33.5	937	51.7

Cooked or Processed Meats Consumed in the Past 7 Days, by FoodNet Site

	California N=525	Colorado N=937	Connecticut N=887	Georgia N=880	Maryland N=908	Minnesota N=886	New Mexico N=866	New York N=905	Oregon N=896	Tennessee N=853	Total N=8,543
Exposure	n	%	n	%	n	%	n	%	n	%	n
Bacon	184	35.0	446	47.6	376	42.4	438	49.8	397	43.7	427
Any pre-packaged sliced deli meats	204	38.9	374	39.9	268	30.2	394	44.8	321	35.4	410
Pepperoni/salami	161	30.7	336	35.9	247	27.8	236	26.8	267	29.4	358
Hot dogs	115	21.9	252	26.9	283	31.9	290	33.0	295	32.5	296
Any other sliced deli meats	128	24.4	267	28.5	360	40.6	227	25.8	293	32.3	272
Breakfast sausage	93	17.7	218	23.3	184	20.7	304	34.5	251	27.6	256
Any other sausage or bratwurst	97	18.5	198	21.1	161	18.2	136	15.5	125	13.8	222
Bologna	33	6.3	93	9.9	92	10.4	125	14.2	113	12.4	117
Store-bought beef sticks/jerky	39	7.4	86	9.2	42	4.7	57	6.5	52	5.7	103
Corn dogs	19	3.6	39	4.2	15	1.7	59	6.7	19	2.1	66
Smoked or dried fish (e.g., lox)	45	8.6	54	5.8	46	5.2	42	4.8	49	5.4	43

Seafood Consumed in the Past 7 Days, by FoodNet Site

	California N=1,089	Colorado N=1,841	Connecticut N=1,802	Georgia N=1,811	Maryland N=1,837	Minnesota N=1,814	New Mexico N=1,770	New York N=1,838	Oregon N=1,794	Tennessee N=1,776	Total N=17,372	
Exposure	n	%	n	%	n	%	n	%	n	%	n	%
Fresh fish (store-bought)	352	32.3	460	25.0	580	32.2	395	21.8	473	25.7	247	13.6
Shrimp/prawns	373	34.3	510	27.7	511	28.4	536	29.6	631	34.3	436	24.0
Oysters	41	3.8	43	2.3	36	2.0	63	3.5	71	3.9	35	1.9
If yes, were the oysters raw?	21	1.9	17	0.9	14	0.8	8	0.4	30	1.6	7	0.4
Crab	155	14.2	160	8.7	127	7.0	146	8.1	386	21.0	99	5.5
Other shellfish	98	9.0	91	4.9	209	11.6	78	4.3	104	5.7	62	3.4
If yes, were the shellfish raw?	7	0.6	4	0.2	24	1.3	3	0.2	12	0.7	3	0.2

Dishes Prepared with Raw Fish Consumed in the Past 7 Days, by FoodNet Site

	California N=525	Colorado N=937	Connecticut N=887	Georgia N=880	Maryland N=908	Minnesota N=886	New Mexico N=866	New York N=905	Oregon N=896	Tennessee N=853	Total N=8,543	
Exposure	n	%	n	%	n	%	n	%	n	%	n	%
Sushi, sashimi, or ceviche made with raw fish or shellfish	73	13.9	59	6.3	59	6.7	39	4.4	54	5.9	27	3.0

Dried Food Products Consumed in the Past 7 Days, by FoodNet Site

	California N=564	Colorado N=904	Connecticut N=915	Georgia N=931	Maryland N=929	Minnesota N=928	New Mexico N=904	New York N=933	Oregon N=898	Tennessee N=923	Total N=8,829	
Exposure	n	%	n	%	n	%	n	%	n	%	n	%
Peanuts (loose or in shell)	210	37.2	357	39.5	328	35.8	347	37.3	318	34.2	413	44.5
Peanut butter	285	50.5	503	55.6	517	56.5	539	57.9	465	50.1	605	65.2
Any fresh-ground natural peanut butter	77	13.7	104	11.5	115	12.6	80	8.6	79	8.5	104	11.2
Almonds	234	41.5	335	37.1	289	31.6	242	26.0	237	25.5	277	29.8
Walnuts	143	25.4	237	26.2	248	27.1	170	18.3	185	19.9	220	23.7
Cashews	174	30.9	312	34.5	256	28.0	249	26.7	240	25.8	312	33.6
Pistachios	78	13.8	142	15.7	134	14.6	102	11.0	123	13.2	80	8.6
Sunflower seeds	79	14.0	187	20.7	113	12.3	152	16.3	116	12.5	180	19.4
Raisins	233	41.3	377	41.7	372	40.7	378	40.6	346	37.2	372	40.1
Any pre-made pudding or custard	61	10.8	122	13.5	131	14.3	118	12.7	133	14.3	134	14.4

Juice Consumed in the Past 7 Days, by FoodNet Site

	California N=564	Colorado N=904	Connecticut N=915	Georgia N=931	Maryland N=929	Minnesota N=928	New Mexico N=904	New York N=933	Oregon N=898	Tennessee N=923	Total N=8,829	
Exposure	n	%	n	%	n	%	n	%	n	%	n	%
Any apple juice/cider	175	31.0	243	26.9	305	33.3	291	31.3	259	27.9	242	26.1
Any orange juice	287	50.9	518	57.3	552	60.3	483	51.9	555	59.7	522	56.3

Unpasteurized Juice Consumed in the Past 7 Days, by FoodNet Site

	California N=1,089	Colorado N=1,841	Connecticut N=1,802	Georgia N=1,811	Maryland N=1,837	Minnesota N=1,814	New Mexico N=1,770	New York N=1,838	Oregon N=1,794	Tennessee N=1,776	Total N=17,372	
Exposure	n	%	n	%	n	%	n	%	n	%	n	%
Apple juice/cider, freshly pressed	50	4.6	49	2.7	82	4.6	46	2.5	63	3.4	51	2.8
Any fresh squeezed orange juice	146	13.4	134	7.3	132	7.3	112	6.2	133	7.2	108	6.0
Any juice not from a concentrate	57	5.2	52	2.8	49	2.7	50	2.8	48	2.6	59	3.3

Cereals Consumed in the Past 7 Days, by FoodNet Site

	California N=525	Colorado N=937	Connecticut N=887	Georgia N=880	Maryland N=908	Minnesota N=886	New Mexico N=866	New York N=905	Oregon N=896	Tennessee N=853	Total N=8,543	
Exposure	n	%	n	%	n	%	n	%	n	%	n	%
Cold breakfast cereals (e.g., Cheerios)	342	65.1	645	68.8	638	71.9	598	65.9	657	74.2	601	69.4
Granola	143	27.2	250	26.7	213	24.0	204	23.2	200	22.0	224	25.3
Hot breakfast cereals (oatmeal, etc.)	239	45.5	435	46.4	383	43.2	411	46.7	337	37.1	403	45.5

Baby Food and Formula Consumed in the Past 7 Days, by FoodNet Site

	California N=525	Colorado N=937	Connecticut N=887	Georgia N=880	Maryland N=908	Minnesota N=886	New Mexico N=866	New York N=905	Oregon N=896	Tennessee N=853	Total N=8,543	
Exposure	n	%	n	%	n	%	n	%	n	%	n	%
Baby formula bought as a liquid in a can	4	0.8	3	0.3	7	0.8	9	1.0	10	1.1	8	0.9
Baby formula bought as a powder	7	1.3	9	1.0	18	2.0	15	1.7	7	0.8	12	1.3
Store-bought puréed baby food	15	2.9	13	1.4	26	2.9	20	2.3	17	1.9	11	1.2

Mexican style Food Products Consumed in the Past 7 Days, by FoodNet Site

	California N=525	Colorado N=937	Connecticut N=887	Georgia N=880	Maryland N=908	Minnesota N=886	New Mexico N=866	New York N=905	Oregon N=896	Tennessee N=853	Total N=8,543
Exposure	n	%	n	%	n	%	n	%	n	%	n
Any fresh salsa	195	37.1	326	34.8	193	21.8	188	21.4	171	18.8	254
Taco shells	94	17.9	224	23.9	122	13.8	190	21.6	114	12.6	187
Tortillas	264	50.3	519	55.4	185	20.9	255	29.0	241	26.5	285

Processed Food Products Consumed in the Past 7 Days, by FoodNet Site

	California N=525	Colorado N=937	Connecticut N=887	Georgia N=880	Maryland N=908	Minnesota N=886	New Mexico N=866	New York N=905	Oregon N=896	Tennessee N=853	Total N=8,543
Exposure	n	%	n	%	n	%	n	%	n	%	n
Chips (potato, corn, Fritos, etc)	341	65.0	697	74.4	571	64.4	643	73.1	667	73.5	663
Bulk chocolate (not wrapped candy)	74	14.1	104	11.1	88	9.9	74	8.4	77	8.5	111
Tofu	114	21.7	83	8.9	58	6.5	34	3.9	61	6.7	37
Commercially bottled water	377	71.8	611	65.2	576	64.9	584	66.4	634	69.8	536

Store bought, Prepared Foods Consumed in the Past 7 Days, by FoodNet Site

	California N=564	Colorado N=904	Connecticut N=915	Georgia N=931	Maryland N=929	Minnesota N=928	New Mexico N=904	New York N=933	Oregon N=898	Tennessee N=923	Total N=8,829	
Exposure	n	%	n	%	n	%	n	%	n	%	n	%
Store-bought fruit salad	50	8.9	90	10.0	107	11.7	114	12.2	119	12.8	61	6.6
Store-bought pasta salad	34	6.0	65	7.2	59	6.4	64	6.9	87	9.4	113	12.2
Store-bought potato salad	56	9.9	97	10.7	80	8.7	115	12.4	117	12.6	118	12.7
Store-bought egg salad	4	0.7	11	1.2	21	2.3	16	1.7	21	2.3	17	1.8
Store-bought cole slaw	35	6.2	78	8.6	87	9.5	116	12.5	130	14.0	113	12.2

Frozen Foods Consumed in the Past 7 Days, by FoodNet Site

	California N=564	Colorado N=904	Connecticut N=915	Georgia N=931	Maryland N=929	Minnesota N=928	New Mexico N=904	New York N=933	Oregon N=898	Tennessee N=923	Total N=8,829	
Exposure	n	%	n	%	n	%	n	%	n	%	n	%
Frozen vegetables in a bag	201	35.6	451	49.9	400	43.7	437	46.9	439	47.3	456	49.1
Frozen dinners/entrees	154	27.3	313	34.6	224	24.5	268	28.8	283	30.5	253	27.3
Frozen pizza	85	15.1	247	27.3	159	17.4	249	26.7	213	22.9	384	41.4
Frozen vegetables in a box	73	12.9	197	21.8	279	30.5	263	28.2	277	29.8	171	18.4
Frozen chicken strips or nuggets (at home)	73	12.9	186	20.6	167	18.3	233	25.0	176	18.9	192	20.7
Frozen fish products	79	14.0	209	23.1	147	16.1	186	20.0	184	19.8	193	20.8
Frozen shrimp, frog legs, lobster, crab	75	13.3	143	15.8	135	14.8	134	14.4	141	15.2	132	14.2
Frozen berries	67	11.9	148	16.4	103	11.3	93	10.0	90	9.7	149	16.1
Any other frozen chicken products	68	12.1	137	15.2	77	8.4	129	13.9	88	9.5	156	16.8
Frozen vegetarian (e.g., garden burger)	54	9.6	82	9.1	66	7.2	43	4.6	67	7.2	45	4.8
Frozen Mexican-style items	48	8.5	59	6.5	31	3.4	51	5.5	44	4.7	62	6.7

Foods Consumed in Commercial Establishments in the Past 7 Days, by FoodNet Site

	California N=525	Colorado N=937	Connecticut N=887	Georgia N=880	Maryland N=908	Minnesota N=886	New Mexico N=866	New York N=905	Oregon N=896	Tennessee N=853	Total N=8,543
Exposure	n	%	n	%	n	%	n	%	n	%	n
Burger or ground beef at a fast-food place	123	23.4	314	33.5	213	24.0	340	38.6	285	31.4	320
Other burger or ground beef away from home	75	14.3	175	18.7	151	17.0	149	16.9	146	16.1	197
Any other beef away from home	136	25.9	296	31.6	186	21.0	236	26.8	221	24.3	227
Any deli-type sandwich	169	32.2	285	30.4	265	29.9	265	30.1	265	29.2	283
Any sandwich with sprouts on it	45	8.6	48	5.1	14	1.6	20	2.3	22	2.4	31
Any sandwich/burger garnished with lettuce	228	43.4	416	44.4	324	36.5	368	41.8	346	38.1	348
Any sandwich/burger garnished with tomato	235	44.8	445	47.5	362	40.8	402	45.7	375	41.3	349
Anything from a salad bar	93	17.7	168	17.9	133	15.0	170	19.3	184	20.3	168
Any salad made with lettuce or greens	303	57.7	513	54.7	421	47.5	415	47.2	436	48.0	394
Anything with raw tomatoes	294	56.0	526	56.1	441	49.7	455	51.7	445	49.0	396
Pizza from a pizzeria (not frozen)	169	32.2	286	30.5	362	40.8	256	29.1	312	34.4	290
Any kind of burrito or wrap	140	26.7	267	28.5	110	12.4	160	18.2	104	11.5	132

Animal Exposure in the Past 7 Days, by FoodNet Site

	California N=511	Colorado N=896	Connecticut N=933	Georgia N=930	Maryland N=925	Minnesota N=933	New Mexico N=892	New York N=901	Oregon N=890	Tennessee N=907	Total N=8,718
Exposure	n	%	n	%	n	%	n	%	n	%	n
Birds	43	8.41	47	5.25	84	9	62	6.67	73	7.89	67
Kitten (less than 6 months old)	13	2.54	28	3.13	31	3.32	38	4.09	29	3.14	50
Cat	206	40.3	355	39.6	385	41.3	335	36	324	35	358
Chicken	7	1.37	10	1.12	19	2.04	24	2.58	14	1.51	15
Baby chicks	1	0.2	8	0.89	11	1.18	11	1.18	4	0.43	9
Cow, bull, or steer	6	1.17	14	1.56	14	1.5	18	1.94	13	1.41	26
Calf	7	1.37	9	1	3	0.32	14	1.51	9	0.97	27
Puppy (less than 6 months old)	27	5.28	70	7.81	53	5.68	72	7.74	46	4.97	69
Dog	268	52.4	597	66.6	507	54.3	553	59.5	493	53.3	582
Goat, sheep, lamb	5	0.98	7	0.78	20	2.14	12	1.29	17	1.84	15
Horse	15	2.94	41	4.58	32	3.43	45	4.84	42	4.54	42
Pig	1	0.2	2	0.22	6	0.64	9	0.97	4	0.43	11
Reptile (snakes, iguanas, lizards, turtles)	30	5.87	46	5.13	51	5.47	42	4.52	41	4.43	37
Amphibians such as frogs	8	1.57	12	1.34	43	4.61	37	3.98	34	3.68	38
Turkey	0	0	4	0.45	9	0.96	4	0.43	2	0.22	6
Tropical fish	28	5.48	64	7.14	51	5.47	59	6.34	71	7.68	44
Handle dog treats (pig ears, rawhide chews)	47	9.2	171	19.1	121	13	146	15.7	142	15.4	188

Animal Exposure in the Past 7 Days, by FoodNet Site (continued)

	California N=511	Colorado N=896	Connecticut N=933	Georgia N=930	Maryland N=925	Minnesota N=933	New Mexico N=892	New York N=901	Oregon N=890	Tennessee N=907	Total N=8,718	
Exposure	n	%	n	%	n	%	n	%	n	%	n	%
Visit a petting zoo or farm	19	3.72	18	2.01	30	3.22	27	2.9	30	3.24	52	5.57
Visit a fair at which there were animals	5	0.98	9	1	21	2.25	10	1.08	12	1.3	22	2.36
Visit other events where animals were present	31	6.07	51	5.69	46	4.93	37	3.98	44	4.76	46	4.93