



2002 National Recreational Boating Survey State Data Report

November 30, 2003



United States
Coast Guard



US Coast Guard
Office of
Boating Safety

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A. BOATING EXPERIENCE —STATE RESULTS

Table A.1 Percent of Primary Operators Using Craft for Recreation by State

	Percent Use of Vessel for Recreational Purposes											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	26.1	7.2	8.2	7.8	26.1	2.6	4.0	3.4	59.9	7.1	27.4	6.2
AK	37.7	21.8	17.0	25.6	3.6	.4	4.4	2.4	56.3	28.8	14.1	6.1
AR	31.1	7.4	10.6	7.6	22.8	4.4	2.0	3.4	57.5	3.6	24.5	5.2
AZ	15.3	12.7	10.8	12.4	10.9	6.7	3.1	5.7	43.6	7.5	25.1	5.4
CA	17.4	26.3	13.5	19.3	8.7	8.8	9.1	8.0	51.3	11.9	31.8	4.7
CO	24.9	15.0	14.4	15.5	10.4	9.1	3.5	6.2	42.5	6.5	28.5	6.2
CT	41.0	24.8	23.2	14.6	4.0	.9	9.7	11.3	33.5	13.8	12.5	3.5
DE	31.8	15.2	15.2	8.3	10.8	1.1	3.8	7.6	35.6	14.1	17.9	5.9
DC	36.4	27.0	18.1	8.5	3.2	1.8	8.4	11.8	20.7	12.4	13.1	3.7
FL	27.0	17.3	9.3	10.9	12.8	1.2	5.4	4.3	50.9	20.9	24.1	4.6
GA	24.1	8.3	10.0	7.9	20.4	2.2	3.2	2.6	47.8	6.1	29.1	5.2
HI	29.0	51.8	6.1	14.1	3.4	1.0	7.1	6.7	25.9	9.1	16.8	5.1
ID	28.9	10.8	14.5	28.2	8.5	4.4	2.5	2.7	52.1	8.1	28.2	6.9
IL	31.5	10.8	18.8	4.4	16.9	3.9	2.9	3.8	46.2	10.1	22.1	4.9
IN	31.4	8.0	21.2	7.9	18.2	5.9	1.5	4.7	37.4	7.1	23.6	6.9
IA	36.0	7.8	15.2	5.3	14.7	2.7	1.8	4.1	54.0	3.3	20.8	6.5
KS	27.8	6.9	14.6	6.5	17.1	2.4	2.2	3.4	49.9	2.7	28.7	4.9
KY	21.6	5.3	11.8	7.6	31.5	9.5	.8	1.8	47.5	7.3	27.3	5.9
LA	17.1	4.0	3.4	4.0	10.7	2.3	2.0	1.0	73.2	6.0	18.1	9.4
ME	61.2	37.2	22.9	10.8	8.3	.6	7.4	9.7	53.4	9.8	15.5	4.6
MD	32.2	17.5	17.3	12.3	6.7	.6	9.8	7.6	33.7	19.6	19.3	3.0
MA	45.1	25.2	24.4	12.5	4.7	1.0	8.2	13.5	37.3	11.2	13.7	3.4
MI	42.0	14.2	26.8	8.7	25.9	.5	4.2	6.9	39.8	12.2	22.0	4.0
MN	44.8	10.0	21.8	5.8	29.9	3.5	2.9	6.4	66.5	5.3	19.3	4.6
MS	22.7	5.7	10.3	5.4	17.1	3.2	3.9	2.1	67.2	9.3	21.4	4.5
MO	40.2	5.4	9.5	9.5	26.4	2.4	2.1	2.6	52.9	7.4	30.1	7.0
MT	29.3	11.7	14.4	23.2	11.1	1.7	3.4	3.7	52.7	8.4	30.1	6.4
NE	23.0	4.8	10.8	8.2	14.7	.9	2.5	2.9	52.0	3.9	24.9	6.6
NV	14.9	10.8	9.6	18.0	9.1	8.1	3.6	6.0	56.8	13.4	36.4	3.2
NH	55.2	28.3	22.0	13.5	8.5	.2	4.7	8.3	33.7	10.5	18.1	2.3
NJ	33.0	18.4	22.4	14.8	4.3	1.9	7.1	7.6	33.2	17.6	20.3	4.9
NM	20.5	9.9	12.0	14.5	14.2	5.7	3.2	3.8	45.5	5.6	28.3	5.2
NY	36.2	23.5	25.4	13.6	9.1	2.1	6.4	10.7	46.5	18.8	21.7	3.5
NC	28.3	8.3	11.2	5.4	15.1	2.2	5.4	5.0	49.0	8.3	21.2	3.3
ND	25.7	6.3	9.4	5.4	20.4	1.3	1.3	3.3	63.0	2.0	29.8	4.2
OH	36.1	12.4	19.7	9.4	16.8	3.6	1.9	5.0	40.2	13.9	23.2	5.3
OK	20.4	3.3	7.4	10.7	17.7	2.0	1.7	1.7	53.8	3.3	31.1	4.0
OR	19.3	14.4	23.6	28.0	4.6	3.5	6.0	4.7	58.6	14.9	15.6	6.5
PA	37.0	15.7	22.6	9.0	10.4	1.6	3.2	5.2	38.3	6.0	18.5	4.1
RI	39.4	23.3	20.7	15.7	2.2	.7	12.3	13.6	31.7	13.3	15.0	3.2
SC	21.6	13.0	13.7	5.8	26.0	2.6	5.5	4.4	53.3	8.5	22.5	4.6
SD	16.7	7.4	8.0	7.4	12.0	.3	1.0	4.0	69.6	3.7	24.1	4.7
TN	26.3	9.2	8.5	7.0	27.0	6.9	1.4	3.0	56.2	4.7	29.8	4.7
TX	20.8	9.8	9.0	7.0	12.5	2.0	3.6	4.6	56.1	6.3	32.4	5.5
UT	24.9	10.7	12.5	18.0	5.5	9.7	2.8	4.3	46.0	12.0	40.2	3.5
VT	50.2	28.1	24.4	8.5	5.8	0	5.4	9.2	35.3	7.5	7.1	5.1
VA	36.5	14.0	17.3	10.1	8.6	2.1	5.3	5.8	39.2	10.3	23.3	3.3
WA	22.0	22.0	28.2	20.5	3.4	2.0	8.7	4.9	54.9	20.5	22.9	6.0
WV	26.8	6.5	24.8	13.0	23.0	2.5	2.5	1.5	40.7	7.8	21.6	6.5
WI	42.2	8.4	28.0	9.4	21.4	1.7	2.6	7.2	56.5	4.6	18.2	4.7
WY	29.3	7.9	13.3	16.2	9.1	3.0	1.6	2.4	49.6	8.7	23.2	3.7

Table A.2 Mean Number of Days Boat was Out on Water – Primary Operator by State

	Mean Number of Days Boat was Out on Water – Primary Operator											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon-boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	8.20	13.28	8.97	5.79	17.78	9.64	14.27	27.56	33.65	33.11	14.29	21.68
AK	9.14	11.02	14.50	12.78	17.17	6.00	7.33	5.67	32.52	32.84	13.49	47.43
AR	7.28	9.83	8.86	7.64	23.63	26.18	9.69	4.82	39.81	20.09	18.56	27.45
AZ	9.33	7.76	10.09	11.57	15.38	16.54	7.19	8.78	21.85	20.56	12.40	17.92
CA	8.66	7.84	14.23	8.27	12.23	10.19	24.42	7.97	23.08	27.70	10.92	30.10
CO	7.30	11.65	6.74	9.69	13.73	14.29	9.90	5.71	17.28	22.89	9.10	14.37
CT	13.69	10.51	9.41	16.15	21.82	21.30	30.61	10.57	19.06	38.31	12.75	13.53
DE	10.35	11.99	8.95	10.43	23.87	24.71	16.88	16.71	22.93	35.03	18.80	10.05
DC	7.83	13.05	20.06	10.58	6.22	39.61	19.15	14.73	15.55	45.53	7.12	36.05
FL	9.30	10.87	7.48	25.48	17.88	6.01	55.81	11.74	47.82	44.92	22.77	22.55
GA	9.46	6.04	14.03	6.84	30.80	28.77	31.78	6.22	35.22	27.35	18.77	29.17
HI	46.34	20.49	30.10	13.00	10.00	21.33	26.52	9.70	32.96	42.28	17.49	44.20
ID	7.38	10.27	10.65	7.19	12.78	12.74	7.18	6.99	26.49	28.58	15.37	17.75
IL	8.21	13.13	9.74	28.50	19.41	20.07	25.02	6.63	31.65	41.66	10.34	21.98
IN	10.43	5.17	12.32	10.24	23.27	22.72	31.33	26.82	32.08	34.11	16.94	15.94
IA	7.71	12.41	9.27	4.70	12.76	8.28	15.59	4.27	27.07	31.30	13.26	16.58
KS	6.20	11.03	7.64	6.88	14.08	26.13	15.87	4.09	18.52	17.27	11.89	16.66
KY	10.35	9.22	11.81	9.52	20.87	40.69	5.03	11.26	35.83	25.46	19.00	27.26
LA	12.02	12.25	19.89	5.08	25.58	28.14	26.50	28.00	40.91	61.67	14.65	45.92
ME	14.17	12.40	11.84	12.66	27.54	2.73	16.52	8.66	23.31	28.85	15.49	15.86
MD	14.42	13.46	8.13	11.44	19.13	42.29	26.98	9.48	22.80	28.51	7.72	4.95
MA	9.41	8.21	16.98	14.58	15.60	25.63	23.60	15.03	27.00	40.36	8.61	13.88
MI	7.25	8.05	13.23	20.35	23.45	32.50	28.37	12.95	28.27	25.32	14.52	21.71
MN	7.52	6.22	11.07	7.13	13.86	18.56	12.72	6.02	21.83	22.58	9.75	13.30
MS	9.11	8.11	14.26	11.91	15.33	14.19	27.36	20.34	38.59	29.70	16.34	25.15
MO	6.09	3.87	5.45	4.93	19.81	13.16	11.08	5.80	33.65	37.53	15.09	40.48
MT	7.63	16.83	11.13	8.24	16.29	4.89	12.19	7.20	23.09	23.49	14.43	14.42
NE	8.10	5.47	9.89	9.99	12.31	4.00	13.59	6.33	22.70	18.65	13.84	13.30
NV	9.81	15.54	7.05	10.09	13.74	26.19	22.59	7.90	24.59	34.62	19.01	24.29
NH	9.48	11.45	11.60	13.66	26.87	0	13.10	8.45	25.31	26.35	14.21	12.41
NJ	8.62	8.21	10.52	11.67	23.37	8.44	30.26	13.20	26.93	32.26	13.97	44.30
NM	10.58	6.52	11.76	13.19	16.09	20.35	21.07	28.14	20.36	19.08	11.77	13.43
NY	10.70	13.98	10.97	13.42	24.16	13.41	16.80	8.24	28.62	33.96	11.16	28.10
NC	10.68	12.60	9.27	9.54	18.30	13.55	21.76	13.71	32.16	24.60	19.43	26.69
ND	5.35	7.13	7.12	4.27	14.98	1.73	8.46	8.92	22.25	19.30	11.10	19.07
OH	9.05	8.66	13.12	11.12	15.85	8.65	17.36	15.81	25.97	29.97	14.68	5.82
OK	5.90	5.40	13.73	7.50	17.00	29.17	6.20	8.60	40.04	10.44	16.58	28.08
OR	8.09	9.45	9.46	9.72	18.71	15.06	36.10	6.73	25.56	21.65	12.36	27.16
PA	9.29	16.44	9.96	10.29	19.14	48.22	15.54	9.82	22.08	27.19	14.32	9.04
RI	21.00	12.75	13.92	29.42	10.66	6.87	38.93	16.54	28.07	28.45	24.66	35.15
SC	13.01	14.52	12.76	8.23	20.07	47.23	31.24	5.75	34.61	32.46	17.32	25.35
SD	15.40	26.27	4.71	9.19	13.28	8.00	14.00	4.58	24.69	14.00	13.74	31.77
TN	10.26	8.28	9.04	4.86	17.90	26.17	15.17	6.63	41.06	31.42	15.22	16.77
TX	15.41	5.23	8.63	15.42	18.22	6.42	23.12	6.18	31.84	26.87	14.48	14.42
UT	6.20	8.76	6.52	5.32	10.05	10.48	20.51	10.04	14.11	15.08	11.50	18.02
VT	12.44	12.55	8.11	9.16	11.29	0	17.44	7.56	18.77	22.68	11.05	28.93
VA	11.18	5.38	7.87	6.80	19.80	5.12	24.11	9.08	29.33	24.98	13.74	20.68
WA	10.49	10.43	12.25	11.13	27.60	6.76	24.08	5.49	24.15	25.18	11.20	27.01
WV	11.27	16.52	13.91	11.37	19.63	17.10	26.29	6.73	26.23	33.11	14.66	22.03
WI	9.97	11.50	10.80	7.42	20.33	13.43	11.55	11.86	23.02	25.58	12.73	13.86
WY	8.03	8.29	9.17	9.69	11.41	10.62	10.96	11.30	19.45	16.01	8.81	14.04

Table A.3 Mean Number of Days Boat was Out on Water – Secondary Operator by State

	Mean Number of Days Boat was Out on Water – Secondary Operator											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	2.46	2.38	1.07	2.09	3.14	3.76	0	1.08	3.93	11.28	6.41	3.15
AK	1.93	3.57	2.91	2.63	11.58	75.00	1.92	.10	4.54	2.64	4.15	5.54
AR	1.44	.99	1.89	.73	3.16	.19	.56	.62	2.19	.61	3.38	.77
AZ	1.11	1.26	.77	1.82	1.10	1.11	31.93	1.89	1.02	.80	2.42	5.52
CA	.87	1.13	2.50	1.58	1.78	.55	.21	1.90	3.39	2.17	2.13	18.93
CO	3.25	2.81	.55	.60	.53	.68	.32	1.98	1.78	1.53	2.26	.87
CT	4.79	3.74	5.22	1.18	.39	0	.46	2.01	2.51	1.88	3.85	2.28
DE	1.69	5.10	1.81	1.56	2.80	11.61	2.08	6.07	2.06	2.62	2.36	.35
DC	2.84	3.26	3.46	.46	.24	14.16	.79	4.38	2.07	.76	1.14	.27
FL	1.22	1.77	2.53	.98	1.21	0	2.91	5.80	4.69	2.64	3.58	1.42
GA	2.03	1.23	10.80	1.70	2.91	.72	0	.09	3.11	1.06	2.79	2.96
HI	5.77	3.40	3.82	4.68	0	0	6.20	4.78	7.80	3.00	1.29	7.71
ID	1.59	2.11	2.95	.91	2.06	0	0	1.28	3.33	10.31	4.86	4.07
IL	.66	.99	2.01	2.53	1.36	.44	.21	7.72	1.90	3.28	1.90	2.52
IN	1.88	5.51	.66	1.25	4.97	1.08	.33	1.68	3.44	1.21	4.58	1.94
IA	1.56	1.08	3.87	1.54	2.43	.47	.55	1.64	2.52	.79	4.57	5.09
KS	2.32	5.73	1.61	.30	2.56	7.27	18.90	1.52	1.73	3.22	7.10	2.85
KY	1.80	11.04	.75	.62	2.63	1.26	0	.92	2.75	.07	4.47	5.89
LA	1.04	2.58	1.00	3.33	4.19	0	.60	0	5.33	2.94	2.82	6.77
ME	3.68	3.90	4.48	2.85	5.69	0	5.71	2.81	3.50	4.73	6.43	4.57
MD	1.73	3.10	1.38	.93	7.21	.83	.95	3.86	2.58	4.10	2.79	0
MA	4.18	5.83	3.61	4.78	1.45	0	1.68	4.02	2.36	1.41	2.79	1.94
MI	2.74	2.04	4.15	2.66	5.17	0	.83	2.27	5.14	1.76	6.66	13.52
MN	2.91	2.47	1.49	1.71	3.33	.97	2.70	1.40	3.17	2.75	4.20	10.55
MS	3.78	3.68	3.09	.05	2.13	4.45	2.63	.53	2.83	1.87	2.45	1.15
MO	1.08	.28	1.97	1.46	4.16	10.28	2.13	1.86	2.18	.93	4.24	3.27
MT	1.39	3.02	5.00	.97	4.63	.34	3.79	.65	4.02	1.39	6.05	4.87
NE	2.63	.21	5.65	4.06	1.68	.70	6.77	1.65	2.62	6.73	2.67	2.44
NV	2.09	.74	.66	.87	4.36	.21	.28	.40	1.97	3.72	2.29	5.23
NH	2.30	3.54	2.14	3.21	3.09	0	.43	4.17	3.65	2.11	6.80	12.28
NJ	2.72	2.34	4.71	1.37	3.97	1.30	2.02	4.98	5.58	3.97	3.57	9.07
NM	5.91	1.24	.61	2.20	1.91	3.19	0	9.15	3.02	.24	1.99	5.30
NY	2.36	4.88	4.68	1.55	2.01	1.26	.94	2.21	2.51	4.92	4.59	8.47
NC	1.33	4.38	.61	1.81	1.98	0	1.83	.38	2.28	.46	8.20	.13
ND	2.08	2.88	4.03	1.12	5.91	0	2.70	2.82	2.53	10.15	3.65	17.20
OH	1.47	2.66	1.94	.38	5.26	0	1.59	.91	2.43	1.59	5.74	7.89
OK	1.62	.60	3.27	1.81	.88	.60	1.25	0	5.01	0	5.61	1.17
OR	3.08	1.68	2.33	.96	14.82	.21	.38	1.21	2.07	2.13	2.04	12.46
PA	3.38	7.60	2.51	1.88	5.04	.95	.10	.75	4.72	1.88	5.11	1.77
RI	2.94	3.09	1.90	1.05	.22	0	1.36	3.89	3.55	1.24	1.22	3.02
SC	5.77	2.80	5.21	1.97	2.05	.37	5.08	.61	4.42	1.67	6.89	5.74
SD	.90	2.55	.41	1.90	4.86	8.00	0	.08	2.81	4.40	4.51	7.71
TN	1.20	3.87	1.13	.68	4.76	1.34	2.13	1.69	3.25	2.08	3.08	1.89
TX	3.44	.81	2.74	6.34	.47	.52	.06	7.01	2.05	5.22	2.81	1.03
UT	1.34	.80	2.17	1.09	1.22	4.23	1.15	1.08	2.42	4.10	3.72	15.89
VT	2.40	3.07	2.79	6.00	1.69	0	.75	1.74	4.54	1.41	8.56	2.00
VA	1.39	.92	1.46	1.04	1.93	.22	.59	1.35	3.09	1.88	3.62	2.39
WA	3.22	2.57	4.39	2.80	.85	.77	.50	1.48	3.16	1.10	3.93	14.69
WV	1.99	1.07	7.61	1.86	4.24	.68	2.19	17.32	2.36	2.50	4.55	1.36
WI	3.27	7.00	3.33	2.19	10.47	0	5.97	2.41	4.23	1.63	4.48	5.57
WY	1.75	.85	.99	.76	.71	1.50	0	1.45	1.95	.68	4.29	5.28

Table A.4 Mean Number of Hours Boat was Out on Water – Primary Operator by State

	Mean Number of Hours Boat was Out on Water – Primary Operator											
	Canoe	Kayak	Row - boat	Inflat- able	Pontoon boat	House- boat	Sailboat (motor)	Sailboat (sail only)	Open motor- boat	Cabin motor- boat	Personal water- craft	Other craft
AL	4.57	3.20	2.82	3.90	4.74	6.17	7.05	5.00	5.40	8.82	3.19	4.73
AK	4.42	3.88	4.53	4.91	4.89	2.00	10.95	5.46	6.05	10.34	3.78	5.05
AR	5.34	3.84	3.48	3.24	4.79	13.18	4.24	5.37	5.30	7.90	3.86	4.31
AZ	4.37	3.63	4.40	3.55	6.30	18.19	8.47	4.37	5.64	9.28	4.14	3.60
CA	3.74	2.84	3.03	3.17	7.07	16.52	7.02	3.03	5.61	8.54	3.50	5.25
CO	3.78	3.25	3.85	3.98	5.67	15.38	5.54	3.35	5.47	8.87	3.16	3.88
CT	2.87	2.85	2.88	2.76	3.71	14.20	6.91	3.00	4.33	7.04	3.19	2.87
DE	3.46	2.87	3.05	2.49	4.63	20.96	7.87	4.12	4.83	7.72	3.38	3.63
DC	3.47	3.20	2.54	3.28	2.96	5.51	7.86	3.85	4.09	8.18	2.58	6.74
FL	3.58	3.27	2.98	2.02	5.29	10.74	8.85	5.13	5.33	7.88	3.64	5.79
GA	3.59	3.22	2.99	3.24	5.02	11.03	7.43	4.48	5.03	6.66	3.12	4.12
HI	2.88	2.84	2.11	3.15	4.90	13.33	9.38	5.95	5.84	7.42	2.73	4.07
ID	3.42	3.72	4.23	4.45	5.89	16.27	8.37	3.72	5.47	7.82	3.69	5.06
IL	4.26	3.19	4.02	2.85	5.04	11.55	3.90	3.28	5.53	7.69	3.00	3.75
IN	4.23	3.05	3.36	3.47	4.04	15.93	12.25	2.92	4.90	7.77	2.94	3.50
IA	4.58	4.84	3.55	2.65	4.60	15.96	5.16	3.38	4.98	7.42	2.97	4.78
KS	4.23	3.11	3.01	4.17	4.80	14.30	5.51	3.68	4.74	4.62	3.18	3.51
KY	4.20	3.54	3.76	3.89	5.83	14.59	3.90	3.49	5.63	6.90	3.23	4.70
LA	5.02	3.17	5.70	4.67	5.13	13.57	4.67	3.33	5.60	8.29	3.91	4.22
ME	3.46	2.94	2.11	2.48	4.36	9.42	7.33	2.67	4.22	7.42	2.75	2.46
MD	3.54	3.02	3.01	2.39	4.69	7.67	8.08	4.57	4.71	6.90	2.51	5.37
MA	3.31	2.75	2.44	3.13	4.08	16.25	9.13	3.45	5.01	8.13	2.95	3.44
MI	4.07	3.05	3.08	3.01	4.41	14.50	6.64	3.34	4.25	7.95	2.92	4.02
MN	3.30	2.61	3.08	2.52	3.67	18.67	4.11	3.15	4.49	8.15	2.51	3.90
MS	4.89	3.60	3.21	3.01	5.07	12.09	6.99	4.47	5.72	10.69	3.43	4.32
MO	5.46	3.02	3.43	4.21	5.17	13.87	4.01	5.09	5.51	6.10	3.44	5.22
MT	3.49	3.17	4.27	4.74	4.96	14.09	8.07	4.36	5.59	7.76	3.27	4.92
NE	4.06	2.87	3.42	2.93	5.05	17.63	4.81	2.73	5.33	5.52	2.90	3.65
NV	3.58	3.43	3.76	3.24	7.10	17.98	6.47	3.84	5.78	9.65	4.51	4.67
NH	3.46	2.39	2.84	2.37	3.67	0	7.26	3.48	4.39	6.37	2.64	2.51
NJ	3.03	2.82	2.24	2.71	4.32	10.60	10.77	3.58	4.40	7.51	2.57	3.94
NM	3.71	3.18	4.45	3.86	5.64	13.37	11.52	5.21	5.76	6.86	3.52	4.83
NY	3.10	2.87	2.71	2.47	3.84	14.18	7.14	3.37	4.62	7.15	2.42	2.42
NC	3.16	2.55	3.28	2.70	4.30	10.41	6.13	2.95	5.10	7.15	3.32	4.01
ND	3.92	2.34	3.12	3.06	4.16	5.18	4.00	4.08	5.35	5.30	2.67	3.03
OH	4.01	2.90	3.28	2.45	4.95	17.66	7.52	5.61	5.36	6.17	3.45	3.50
OK	5.21	3.50	3.73	5.12	5.34	12.83	6.80	3.60	5.66	5.10	4.26	4.85
OR	3.26	3.06	4.06	3.80	4.58	18.81	10.09	3.02	5.49	8.11	2.72	4.78
PA	3.92	3.71	3.55	3.69	4.32	13.98	9.59	3.98	5.32	6.96	3.09	5.54
RI	3.38	2.54	2.24	2.53	3.29	13.00	7.70	3.80	5.02	7.16	3.09	5.38
SC	3.59	2.96	3.65	3.02	5.13	11.68	9.09	3.42	5.14	8.19	3.16	4.54
SD	4.00	3.55	3.04	3.19	4.14	8.00	5.67	3.08	5.03	5.55	3.56	3.36
TN	4.55	3.75	3.85	3.51	5.17	11.65	8.20	3.75	5.56	6.42	3.56	4.62
TX	3.67	3.30	3.07	3.00	5.32	12.20	8.64	5.41	5.32	9.28	3.67	3.84
UT	3.21	3.54	3.03	3.97	5.62	15.76	5.29	4.05	5.57	8.02	3.98	5.91
VT	3.11	2.57	3.04	2.44	3.65	0	7.38	3.50	4.02	4.59	2.43	3.53
VA	4.02	3.68	3.37	3.80	4.55	10.37	8.93	4.27	5.36	6.78	2.97	4.91
WA	3.42	3.10	3.43	3.00	5.35	19.94	9.34	4.26	5.21	10.13	2.93	4.43
WV	4.43	3.55	4.16	4.07	6.01	9.97	8.75	3.48	5.74	7.80	3.24	4.25
WI	3.55	2.54	3.23	3.17	4.20	15.54	6.70	3.19	4.54	8.29	2.93	4.02
WY	3.95	3.69	4.99	4.75	7.04	14.19	9.22	4.90	5.77	9.86	3.33	3.40

Table A.5 Mean Number of Hours Boat was Out on Water – Secondary Operator by State

	Mean Number of Hours Boat was Out on Water – Secondary Operator											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	2.77	1.49	1.36	1.98	1.87	6.01	0	.66	1.22	5.22	2.11	.56
AK	2.67	2.59	2.54	1.72	1.54	2.00	6.00	.35	2.01	2.48	2.87	3.28
AR	2.42	2.02	1.44	1.23	2.26	.34	3.06	4.08	1.61	1.55	1.94	1.93
AZ	2.23	3.82	2.20	3.22	1.54	1.60	8.42	2.48	1.57	1.03	2.93	2.20
CA	1.16	2.29	1.72	1.51	3.33	3.70	.30	2.02	1.71	.84	2.25	4.81
CO	2.02	2.64	2.63	3.20	1.39	1.99	2.56	1.52	1.58	1.39	2.35	6.90
CT	1.97	1.97	1.87	1.11	1.63	0	1.69	1.14	1.04	1.58	2.49	1.00
DE	2.19	2.24	1.57	1.81	1.85	3.50	3.33	3.33	1.55	1.31	2.77	1.65
DC	2.25	1.64	4.50	.68	2.00	2.27	2.34	2.45	2.07	.98	2.18	.83
FL	1.70	2.57	2.17	.52	.94	0	1.48	5.64	1.61	1.10	1.90	2.73
GA	1.89	3.72	2.19	1.84	1.09	1.00	0	1.21	1.71	1.76	2.73	2.47
HI	2.65	2.17	10.50	2.70	3.00	0	3.50	2.60	6.11	5.75	2.78	4.33
ID	2.11	2.11	2.20	2.11	3.92	0	0	2.67	1.76	2.16	2.35	1.56
IL	2.42	1.26	2.65	1.41	1.57	.88	3.52	3.70	1.31	1.21	2.06	3.07
IN	2.74	1.93	1.59	2.67	1.39	3.56	0	1.54	2.13	1.39	2.31	3.00
IA	2.22	1.57	2.56	1.69	2.59	.80	1.00	1.38	1.78	.75	2.67	1.91
KS	1.77	3.63	2.93	1.88	2.21	8.31	2.89	1.00	1.16	2.33	1.88	1.74
KY	2.72	2.80	1.77	1.12	2.37	3.94	0	1.83	1.20	.37	2.11	2.46
LA	5.00	2.00	8.00	3.00	5.25	0	5.00	0	5.10	6.67	3.44	5.10
ME	2.15	2.87	1.40	2.34	2.02	0	3.00	1.85	1.97	1.44	3.04	1.37
MD	2.53	1.80	1.60	.91	1.87	.33	1.98	1.83	2.02	1.69	1.35	0
MA	2.40	2.32	1.52	1.25	1.40	0	4.02	2.01	1.30	1.58	2.62	.84
MI	2.52	1.77	1.96	1.53	2.56	0	1.26	1.27	1.71	2.25	2.97	2.65
MN	1.71	.73	1.41	1.52	2.01	.94	12.28	1.20	1.59	1.45	2.36	1.56
MS	2.07	2.75	1.53	0	2.35	3.40	5.27	3.50	1.79	1.30	2.23	1.56
MO	2.03	.56	1.62	2.37	2.33	6.00	3.56	.78	1.71	1.63	2.83	2.91
MT	2.52	2.72	4.24	3.82	2.64	5.28	3.36	1.51	2.00	1.37	2.63	3.09
NE	1.98	4.05	1.41	1.81	1.88	0	4.96	1.87	2.02	2.17	3.07	1.56
NV	1.39	1.31	.69	1.94	1.80	.68	4.00	.80	1.81	.74	2.59	2.93
NH	2.39	1.88	3.25	1.40	1.72	0	2.11	1.53	1.65	2.21	2.40	1.81
NJ	2.47	1.83	1.53	1.56	1.43	3.00	3.50	1.74	2.47	1.67	2.46	2.92
NM	2.79	.88	2.00	1.59	1.57	2.81	.80	2.09	1.66	1.01	3.04	3.00
NY	1.85	1.92	1.45	2.60	1.37	.23	1.36	1.56	1.23	2.32	2.00	1.71
NC	2.17	1.95	1.84	1.42	2.05	0	3.03	1.38	1.67	1.19	2.70	1.40
ND	2.18	1.75	2.42	1.78	3.02	0	3.36	2.80	1.87	1.54	2.48	1.12
OH	2.81	2.34	2.65	.95	3.15	0	.50	5.39	1.70	1.83	2.37	2.34
OK	4.33	4.00	6.00	4.14	4.20	3.00	3.00	0	5.62	0	4.00	14.00
OR	2.72	2.22	2.08	1.83	1.35	5.47	3.10	1.32	1.32	2.89	1.74	2.01
PA	2.50	1.95	2.64	2.64	1.44	2.39	6.70	2.87	1.67	2.25	2.95	3.25
RI	2.88	1.78	2.14	.59	0	0	2.04	2.43	1.36	1.90	1.09	3.26
SC	1.79	1.48	1.30	1.93	2.63	.60	2.50	1.13	1.82	2.29	2.73	1.10
SD	2.89	2.50	3.50	3.50	3.73	8.00	0	1.00	4.02	7.25	3.06	2.33
TN	2.32	2.21	1.23	1.35	2.01	1.48	3.63	2.78	1.94	.75	2.20	2.85
TX	1.54	1.10	2.74	2.08	1.24	1.47	2.63	1.50	1.74	3.01	3.66	.63
UT	2.36	3.02	2.58	1.84	3.06	1.67	3.11	5.08	2.47	1.93	2.48	4.89
VT	3.04	1.90	2.50	3.00	2.67	0	2.00	2.60	2.96	4.00	2.43	6.20
VA	2.11	2.69	2.55	1.75	2.48	2.00	.50	1.14	1.84	4.20	3.08	1.02
WA	2.57	2.12	1.71	2.40	2.00	5.00	.48	1.18	1.69	1.66	1.85	2.57
WV	2.41	2.05	1.92	3.57	2.09	3.65	1.67	2.18	1.86	3.27	2.86	3.15
WI	2.13	2.74	2.01	1.96	2.42	0	5.08	1.35	2.24	1.11	2.77	4.00
WY	3.12	1.70	1.56	2.24	2.92	1.00	0	1.33	1.78	1.22	3.22	1.08

B. BOATING KNOWLEDGE—STATE RESULTS

Table B.1 Percentages for Most Recent Boating Safety Course Completed by State

	Most Recent Boating Safety Course Completed					
	During the past year	1 to 2 years ago	3 to 5 years ago	6 to 9 years ago	10 or more years ago	Never taken a boating safety course
AL	2.9	12.7	13.8	3.9	10.7	56.1
AK	7.6	8.1	11.3	5.2	14.5	53.3
AR	1.2	3.4	4.2	1.8	10.1	79.3
AZ	2.8	3.9	5.5	2.9	16.0	68.8
CA	3.8	4.4	6.7	5.0	16.8	63.3
CO	1.0	4.3	7.1	5.1	15.1	67.5
CT	3.6	9.3	13.7	6.1	16.8	50.6
DE	4.1	7.2	12.6	5.6	15.9	54.6
DC	3.9	6.9	12.6	5.1	17.9	53.7
FL	6.8	10.1	10.0	6.4	19.2	47.5
GA	1.7	4.2	8.3	3.7	13.3	68.8
HI	5.4	2.7	7.4	3.0	14.8	66.7
ID	.5	5.6	6.8	2.4	14.5	70.2
IL	3.0	2.9	7.0	2.1	14.0	71.0
IN	1.5	3.8	6.0	4.4	9.3	75.1
IA	.8	2.5	3.6	4.1	9.1	79.8
KS	1.6	2.5	4.0	2.5	7.5	81.9
KY	2.2	1.8	5.3	5.2	10.5	74.9
LA	2.0	4.7	7.1	1.7	10.8	73.7
ME	2.5	3.0	5.6	4.1	17.0	67.8
MD	4.4	4.8	9.3	5.4	22.4	53.6
MA	3.5	7.3	10.3	7.7	23.7	47.5
MI	1.7	4.9	7.3	4.7	25.0	56.3
MN	.2	2.3	2.7	2.3	11.0	81.5
MS	3.3	5.1	8.2	4.2	8.9	70.3
MO	1.7	4.2	4.8	3.3	10.4	75.6
MT	1.6	3.1	4.8	3.8	13.8	72.9
NE	2.7	3.7	4.6	1.7	7.7	79.6
NV	1.8	5.0	7.6	5.1	17.2	63.3
NH	6.6	6.4	5.1	4.8	15.5	61.6
NJ	3.3	5.3	12.2	5.5	19.1	54.6
NM	3.9	4.0	8.1	2.8	13.8	67.4
NY	4.1	5.6	6.6	4.8	25.2	53.6
NC	1.8	3.6	8.1	3.9	14.7	68.0
ND	1.6	3.3	5.1	2.4	6.4	81.3
OH	2.1	3.1	4.9	4.8	12.3	72.8
OK	2.3	2.7	4.3	1.3	10.0	79.3
OR	4.8	11.5	8.4	5.4	15.5	54.3
PA	3.9	7.1	8.8	5.4	11.3	63.5
RI	4.3	3.6	10.8	5.7	14.5	61.1
SC	2.6	5.4	9.5	5.2	12.7	64.7
SD	1.0	2.0	5.0	1.3	5.0	85.6
TN	2.4	3.1	4.9	3.5	11.7	74.5
TX	2.8	2.9	7.6	2.9	12.5	71.3
UT	3.8	3.6	6.1	4.1	10.7	71.7
VT	1.4	4.1	5.1	1.7	21.7	66.1
VA	2.1	7.0	7.3	4.8	12.6	66.2
WA	2.9	5.3	9.3	5.5	21.0	56.0
WV	2.5	3.9	6.2	3.1	11.2	73.1
WI	.9	2.4	4.1	3.2	11.5	77.9
WY	1.7	2.0	4.6	2.5	13.2	75.9

Table B.2 Population Estimates for Most Recent Boating Safety Course by State

	Population Estimates for Most Recent Boating Safety Course					
	During the past year	1 to 2 years ago	3 to 5 years ago	6 to 9 years ago	10 or more years ago	Never taken a boating safety course
AL	14,175	62,775	68,111	19,288	52,650	277,019
AK	7,276	7,798	10,832	5,025	13,866	51,159
AR	4,684	13,161	16,442	6,947	38,971	307,050
AZ	12,263	17,518	24,672	12,920	71,533	306,790
CA	94,812	107,351	165,674	123,134	414,541	1,561,901
CO	4,571	18,978	31,267	22,457	66,740	298,927
CT	17,663	46,120	67,793	30,212	83,527	251,297
DE	4,048	7,103	12,411	5,498	15,600	53,763
DC	2,630	4,708	8,611	3,440	12,162	36,538
FL	132,777	196,442	194,494	123,695	374,414	924,283
GA	13,872	34,722	67,959	30,337	109,865	566,506
HI	3,115	1,558	4,284	1,752	8,568	38,557
ID	864	10,808	13,124	4,597	27,861	134,636
IL	38,099	37,168	90,622	26,814	180,488	913,760
IN	13,201	33,002	51,987	37,962	80,885	654,337
IA	3,126	10,224	14,648	16,740	37,031	323,042
KS	5,259	8,340	13,228	8,447	24,967	272,757
KY	11,166	9,086	26,491	26,053	52,763	375,468
LA	6,520	15,214	22,820	5,433	34,773	237,978
ME	5,526	6,635	12,290	9,139	37,605	150,142
MD	29,129	31,598	60,786	35,332	147,014	351,489
MA	23,628	48,924	69,065	52,041	159,337	319,836
MI	29,150	82,097	123,227	79,624	421,351	947,094
MN	2,314	22,990	26,025	22,193	107,517	797,630
MS	8,685	13,623	21,728	11,088	23,683	186,528
MO	12,466	31,005	35,899	24,758	77,269	561,066
MT	2,335	4,501	7,088	5,616	20,424	107,608
NE	5,096	7,075	8,833	3,295	14,548	151,281
NV	3,063	8,405	12,770	8,493	28,867	106,022
NH	14,386	14,011	11,234	10,584	33,994	135,361
NJ	28,634	46,319	106,113	48,003	166,749	476,666
NM	5,642	5,839	11,651	4,084	20,031	97,464
NY	59,012	80,565	94,420	69,275	361,772	768,701
NC	18,578	36,853	83,458	40,573	152,017	703,674
ND	1,539	3,213	5,000	2,320	6,230	79,672
OH	27,417	39,724	62,208	61,611	156,766	928,702
OK	5,743	6,564	10,666	3,282	24,614	194,454
OR	21,497	51,228	37,405	23,983	68,823	241,149
PA	49,340	89,975	111,274	67,503	142,356	799,817
RI	6,454	5,309	16,207	8,543	21,642	91,392
SC	14,177	29,964	52,281	28,683	70,025	357,442
SD	706	1,412	3,531	942	3,532	60,262
TN	16,020	21,040	32,558	23,554	78,156	499,423
TX	54,565	55,781	148,106	55,424	243,363	1,384,087
UT	9,708	9,083	15,654	10,588	27,235	183,240
VT	1,147	3,442	4,302	1,434	18,357	55,932
VA	17,802	60,491	63,072	40,853	108,390	568,119
WA	20,597	37,546	66,204	39,037	149,417	397,770
WV	3,912	6,202	9,905	5,012	17,923	116,485
WI	8,883	24,132	40,308	31,780	113,631	769,026
WY	1,157	1,352	3,115	1,707	8,942	51,248

Table B.3a Percentages for Type of Safety Course Taken by State

	Type of Safety Course		
	A classroom course	A home study course	Other type of course
AL	62.0	26.0	12.0
AK	68.9	10.0	21.1
AR	70.7	7.8	21.6
AZ	68.6	15.7	15.7
CA	55.7	22.1	22.2
CO	62.4	11.5	26.1
CT	77.9	6.9	15.2
DE	85.2	6.9	7.9
DC	74.8	7.4	17.8
FL	71.2	16.3	12.5
GA	67.7	15.3	17.0
HI	73.7	3.0	23.2
ID	55.7	15.7	28.6
IL	79.2	8.8	12.0
IN	70.7	12.6	16.7
IA	59.0	18.2	22.7
KS	53.7	20.5	25.8
KY	63.5	19.8	16.7
LA	78.2	6.4	15.4
ME	68.8	6.2	25.0
MD	74.4	12.8	12.8
MA	72.1	6.8	21.2
MI	86.2	5.4	8.4
MN	51.8	35.4	12.8
MS	65.3	18.3	16.3
MO	61.2	19.0	19.8
MT	51.4	17.4	31.1
NE	60.0	20.6	19.4
NV	58.5	23.2	18.3
NH	75.2	9.2	15.6
NJ	78.5	11.5	10.0
NM	65.8	16.0	18.2
NY	75.4	8.7	16.0
NC	75.8	9.6	14.5
ND	55.3	28.3	16.4
OH	70.8	15.5	13.8
OK	67.2	9.8	23.0
OR	49.2	33.7	17.1
PA	77.2	7.9	14.9
RI	75.7	9.0	15.3
SC	74.4	14.8	10.8
SD	42.9	21.4	35.7
TN	68.8	13.6	17.6
TX	63.6	20.4	16.1
UT	57.7	14.0	28.4
VT	71.7	5.1	23.2
VA	73.4	13.0	13.7
WA	69.7	8.0	22.2
WV	65.3	10.3	24.4
WI	79.5	7.1	13.4
WY	58.5	26.5	14.9

Table B.3b Percentages for Provider of Safety Course Taken by State

	Provider of Safety Course			
	USCG Auxiliary	US Power Squadrons	State	Other
AL	21.5	9.5	53.9	11.4
AK	35.5	4.2	16.6	43.2
AR	23.1	11.5	37.3	18.2
AZ	27.5	7.6	35.3	16.8
CA	36.1	15.9	18.1	30.1
CO	20.3	4.7	31.5	22.9
CT	24.0	27.6	34.2	9.8
DE	40.8	20.0	27.1	9.5
DC	24.6	14.6	16.9	15.0
FL	33.2	25.9	20.5	15.8
GA	22.7	10.4	35.7	16.2
HI	37.5	4.2	16.5	44.8
ID	23.1	8.1	28.3	31.5
IL	35.6	18.8	23.2	12.7
IN	24.5	21.0	24.5	13.6
IA	20.6	13.6	25.0	17.1
KS	30.4	4.5	42.8	12.4
KY	23.7	11.9	34.7	13.3
LA	35.1	18.9	31.1	25.3
ME	23.5	22.1	24.1	36.0
MD	37.9	22.1	22.7	12.7
MA	33.1	20.4	16.6	25.4
MI	23.0	23.8	34.6	7.2
MN	17.3	11.3	41.8	15.9
MS	22.2	13.7	42.3	12.3
MO	25.9	13.0	30.1	16.8
MT	32.6	8.5	24.4	24.0
NE	29.4	6.9	35.1	7.8
NV	35.9	7.3	33.1	27.4
NH	27.5	13.8	38.6	13.9
NJ	39.1	28.4	18.9	9.8
NM	23.5	5.0	42.5	13.5
NY	36.2	27.4	12.4	18.1
NC	21.4	19.1	32.6	8.4
ND	20.3	3.3	48.8	13.6
OH	23.8	28.1	31.1	12.6
OK	29.5	8.3	32.8	33.3
OR	28.4	17.8	31.6	20.6
PA	24.0	15.7	33.6	11.7
RI	35.4	23.6	14.9	17.2
SC	19.5	17.7	31.8	16.6
SD	37.5	2.4	34.1	25.0
TN	31.9	13.6	25.1	12.7
TX	31.3	13.5	28.2	14.0
UT	24.5	2.3	44.5	10.8
VT	22.1	13.5	24.0	36.5
VA	33.5	12.3	26.1	9.1
WA	35.6	18.7	11.7	33.6
WV	27.2	13.9	33.3	18.4
WI	22.0	13.7	37.7	13.1
WY	21.3	4.7	40.9	17.7

**Table B.4a Percentages for Most Recent Safety Course Taken by State—
During the Past Year**

	Type of Vessel											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	2.4	0	0	0	0	0	0	0	1.0	11.1	7.0	0
AK	2.6	8.0	15.4	3.2	0	0	18.2	25.0	8.6	11.4	1.6	0
AR	0	0	0	0	3.1	0	0	16.7	0.5	0	2.6	0
AZ	9.4	7.9	0	0	0	0	0	0	1.3	12.5	2.5	0
CA	0	3.9	0	0	0	0	15.4	21.4	3.5	2.6	2.7	4.3
CO	0	0	0	2.7	0	0	0	0	1.5	0	1.5	0
CT	7.1	6.5	0	0	0	0	5.0	0	2.7	3.5	1.7	0
DE	1.4	0	0	0	0	0	0	4.5	3.8	7.8	8.1	3.4
DC	2.7	2.7	0	0	0	0	0	10.8	2.7	7.4	6.3	10.5
FL	0	0	6.7	0	11.8	0	12.5	20.0	4.4	12.9	10.3	0
GA	2.0	0	0	0	0	0	0	0	1.2	0	2.9	3.7
HI	0	3.1	0	5.6	0	0	14.3	0	9.6	10.0	8.3	0
ID	0	0	0	0	5.9	0	0	0	0.6	0	0	0
IL	0	4.8	0	0	3.3	0	20.0	0	2.4	16.1	3.8	0
IN	0	7.7	0	0	0	0	0	0	0.9	8.0	0.9	3.1
IA	1.5	0	3.7	0	0	0	0	0	0.5	0	1.0	0
KS	5.7	0	3.4	0	3.0	0	0	0	1.2	0	0.7	0
KY	2.3	0	0	6.3	7.0	33.3	0	0	2.0	0	0	0
LA	0	0	0	0	0	0	0	0	1.7	12.5	2.0	3.6
ME	0	1.9	0	10.0	0	0	0	15.4	2.1	4.7	2.9	0
MD	5.6	9.1	0	0	0	0	8.7	9.1	3.8	2.8	5.2	0
MA	1.6	2.7	0	11.1	14.3	0	0	10.3	1.5	6.8	2.0	0
MI	1.2	0	0	0	3.2	0	11.1	0	2.4	5.6	0.9	0
MN	0	0	0	0	0	0	0	0	0.4	0	0	0
MS	2.3	0	4.3	0	13.3	0	0	20.0	1.3	6.5	5.9	4.5
MO	0	0	0	0	3.7	0	0	0	0	0	3.5	5.7
MT	0	0	6.7	0	0	0	0	0	2.0	5.0	1.5	3.1
NE	0	0	0	0	0	0	0	20.0	3.7	0	4.3	3.0
NV	0	0	0	0	0	0	0	0	3.0	4.8	1.1	0
NH	3.3	1.9	0	0	6.3	0	12.5	0	8.0	20.0	9.0	9.1
NJ	1.4	0	0	0	0	0	0	0	2.9	4.6	8.2	0
NM	7.1	0	0	0	0	0	16.7	0	5.2	0	5.1	3.7
NY	0	5.3	0	0	0	0	0	12.5	5.3	6.3	3.8	6.3
NC	1.4	0	0	11.1	0	0	30.0	0	1.7	0	1.0	0
ND	0	0	0	14.3	0	100.0	0	0	1.8	0	1.4	0
OH	1.5	0	0	6.3	4.2	0	0	0	1.6	2.1	3.7	0
OK	0	16.7	0	0	0	0	33.3	0	3.3	25.0	0	0
OR	6.3	3.7	0	0	0	0	7.7	18.2	4.8	8.3	5.5	3.2
PA	4.5	0	1.8	0	0	0	16.7	0	2.1	18.2	6.7	0
RI	3.7	0	2.7	0	0	0	9.5	5.0	4.6	3.8	5.4	13.3
SC	5.7	0	4.2	0	3.1	0	12.5	0	2.7	0	2.8	0
SD	0	0	0	0	0	0	0	0	0.6	0	2.8	0
TN	7.0	0	0	0	3.1	0	0	0	1.7	0	2.8	0
TX	2.7	0	0	7.1	0	0	0	0	1.7	9.5	3.9	3.6
UT	0	7.1	0	0	10.0	0	0	10.0	2.4	7.1	4.1	11.1
VT	0	0	0	7.1	0	0	0	20.0	0	5.0	0	0
VA	0	0	2.7	0	0	0	0	0	0.7	3.0	5.5	0
WA	4.0	3.4	0	0	0	0	0	14.3	3.3	5.1	2.8	0
WV	6.8	0	5.7	0	0	0	0	0	0.7	8.7	3.8	0
WI	0	6.3	0	0	3.6	0	0	11.1	1.0	0	0	0
WY	3.3	5.9	4.3	0	0	0	0	0	1.7	3.6	0.9	0

**Table B.4b Percentages for Most Recent Safety Course Taken by State—
1 to 2 Years Ago**

	Type of Vessel											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	9.8	8.3	0	15.4	14.8	0	0	14.3	10.8	5.6	18.6	12.9
AK	7.9	4.0	7.7	3.2	0	0	0	25.0	5.5	13.2	6.5	12.9
AR	1.8	0	6.3	0	6.3	0	0	0	2.6	0	5.2	7.7
AZ	6.3	0	0	0	5.3	0	0	0	6.4	4.2	4.9	0
CA	0	2.0	6.7	0	0	0	7.7	14.3	5.6	2.6	3.3	13.0
CO	2.2	0	3.7	2.7	5.0	14.3	0	7.7	3.8	0	5.9	0
CT	1.2	8.7	0	13.6	0	0	10.0	10.3	8.1	17.5	20.7	0
DE	5.5	9.4	0	0	5.3	0	0	13.6	5.4	15.7	11.6	3.4
DC	4.1	2.7	3.8	0	0	0	5.0	5.4	9.6	25.9	6.3	0
FL	0	9.4	6.7	0	5.9	0	0	20.0	10.7	11.4	14.7	4.3
GA	3.9	0	0	6.7	4.8	0	0	0	2.4	9.5	6.5	7.4
HI	0	1.0	0	5.6	0	0	0	0	5.8	0	2.1	13.3
ID	0	0	0	8.9	5.9	0	0	0	4.4	13.0	5.8	8.8
IL	1.5	0	0	0	6.7	0	0	14.3	2.4	12.9	2.8	0
IN	5.3	0	0	0	0	0	0	0	2.6	8.0	6.1	9.4
IA	0	25.0	0	20.0	0	0	0	9.1	2.4	0	3.1	0
KS	1.9	0	0	0	3.0	0	0	20.0	2.9	0	2.2	4.0
KY	0	0	0	0	1.8	0	0	16.7	1.3	7.7	2.3	3.3
LA	0	0	0	0	0	0	0	0	4.6	25.0	6.1	3.6
ME	0	3.8	0	0	0	0	0	7.7	3.1	9.3	2.9	0
MD	0	3.0	0	6.3	12.5	0	0	4.5	3.8	8.3	8.2	0
MA	1.6	2.7	0	33.3	0	0	0	13.8	9.8	11.4	4.0	0
MI	7.3	4.2	9.4	0	6.5	0	0	0	3.1	5.6	5.6	0
MN	2.0	0	13.3	0	3.8	0	0	14.3	2.4	0	2.1	0
MS	4.7	8.3	0	0	13.3	0	50.0	0	3.8	3.2	8.8	0
MO	0	0	7.7	0	0	0	33.3	0	5.0	20.0	5.0	5.7
MT	0	8.3	0	1.9	0	0	0	0	3.9	5.0	2.2	9.4
NE	6.7	5.6	0	0	0	0	0	0	2.6	7.1	5.2	6.1
NV	7.1	5.3	25.0	3.7	8.3	0	0	10.0	3.0	4.8	5.1	12.5
NH	6.7	0	2.4	5.9	0	0	12.5	7.1	6.3	15.0	7.9	0
NJ	0	0	0	0	0	100.0	7.7	7.7	6.7	6.2	9.3	4.8
NM	2.4	3.7	0	3.8	0	16.7	0	0	0.6	0	9.4	0
NY	5.3	0	0	11.8	6.3	0	11.1	6.3	6.7	10.9	2.9	6.3
NC	2.7	0	0	0	6.3	0	0	12.5	2.8	12.1	4.8	0
ND	0	0	0	0	0	0	0	0	3.6	0	5.6	0
OH	0	3.8	0	6.3	0	0	50.0	0	3.1	4.2	3.7	3.7
OK	0	0	0	0	0	0	0	0	2.5	0	5.6	0
OR	0	3.7	3.4	7.0	0	0	0	0	13.3	21.7	15.1	9.7
PA	3.0	2.9	1.8	4.8	5.0	0	16.7	0	8.4	4.5	15.7	4.8
RI	1.2	0	0	0	0	0	9.5	2.5	5.6	7.7	4.1	0
SC	2.9	4.2	0	11.1	3.1	0	12.5	0	5.9	18.2	3.7	0
SD	0	0	0	0	0	0	0	0	1.2	0	4.2	7.1
TN	2.3	0	0	0	6.3	0	0	14.3	2.2	16.7	2.1	4.2
TX	2.7	0	7.1	7.1	0	0	20.0	0	1.1	4.8	4.5	0
UT	0	0	0	0	0	0	0	10.0	3.1	3.6	4.7	5.6
VT	0	7.3	0	0	0	0	33.3	10.0	0	5.0	19.0	6.7
VA	5.5	0	8.1	0	0	0	0	10.0	7.4	9.1	9.2	6.7
WA	0	0	0	4.0	0	0	0	14.3	4.6	9.0	7.5	6.5
WV	6.8	0	0	4.2	2.4	0	12.5	0	1.4	8.7	8.6	0
WI	1.6	0	0	0	0	0	0	0	1.0	13.3	6.9	0
WY	0	5.9	0	0	11.8	0	0	0	2.8	3.6	0.9	0

**Table B.4c Percentages for Most Recent Safety Course Taken by State—
3 to 5 Years Ago**

	Type of Vessel											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	2.4	8.3	9.1	0	7.4	0	20.0	14.3	17.9	27.8	14.0	6.5
AK	7.9	12.0	7.7	0	66.7	0	9.1	0	9.2	18.4	8.1	16.1
AR	0	7.7	0	0	6.3	0	0	0	5.1	0	6.9	0
AZ	0	7.9	9.5	0	0	20.0	0	27.3	5.7	4.2	5.7	7.4
CA	7.1	0	6.7	0	0	0	15.4	7.1	9.2	12.8	5.3	8.7
CO	6.5	10.7	3.7	8.1	5.0	28.6	0	15.4	7.7	23.1	4.4	6.5
CT	3.5	6.5	8.3	4.5	0	50.0	40.0	6.9	17.1	24.6	19.0	11.8
DE	12.3	9.4	0	5.9	10.5	0	0	27.3	14.6	21.6	11.6	3.4
DC	10.8	9.3	13.2	13.3	0	25.0	15.0	32.4	5.5	20.4	9.4	10.5
FL	7.9	3.1	6.7	20.0	11.8	0	0	30.0	10.7	12.9	8.6	8.7
GA	7.8	4.8	5.9	6.7	9.5	0	0	22.2	7.9	4.8	9.4	14.8
HI	0	10.2	33.3	0	0	0	0	0	7.7	5.0	6.3	20.0
ID	6.1	7.1	9.1	3.6	0	0	0	33.3	7.5	4.3	8.8	2.9
IL	3.1	14.3	0	0	6.7	0	20.0	28.6	6.1	12.9	6.6	12.0
IN	5.3	23.1	0	0	0	14.3	0	0	6.1	24.0	6.1	0
IA	0	16.7	7.4	0	0	0	0	18.2	2.4	0	7.3	0
KS	1.9	0	0	0	0	0	33.3	0	3.5	0	8.0	4.0
KY	4.7	0	6.7	0	3.5	0	0	16.7	3.9	15.4	7.7	6.7
LA	20.0	0	0	0	11.1	0	0	100.0	6.9	0	2.0	10.7
ME	1.5	5.7	0	10.0	0	0	20.0	7.7	5.2	11.6	7.1	0
MD	4.2	3.0	3.0	0	12.5	0	17.4	4.5	11.4	15.3	10.3	0
MA	6.6	8.1	4.0	11.1	0	0	25.0	3.4	12.1	13.6	16.0	0
MI	2.4	4.2	3.1	0	6.5	100.0	0	6.7	9.4	11.1	10.2	5.6
MN	4.0	0	0	10.0	3.8	0	0	0	2.4	0	4.2	0
MS	2.3	16.7	13.0	0	0	50.0	0	0	7.2	29.0	7.8	9.1
MO	0	0	0	0	3.7	0	33.3	0	6.3	10.0	7.1	2.9
MT	3.8	0	6.7	3.8	6.7	0	0	0	5.9	0	5.2	3.1
NE	8.3	0	0	8.3	4.3	0	0	0	4.7	7.1	3.5	3.0
NV	0	5.3	0	3.7	8.3	0	20.0	20.0	4.8	9.5	9.1	25.0
NH	4.4	1.9	0	5.9	0	0	0	0	7.1	10.0	6.7	0
NJ	4.2	0	0	20.0	0	0	23.1	0	12.5	21.5	19.6	14.3
NM	2.4	11.1	21.1	11.5	0	0	16.7	14.3	11.0	6.3	6.5	0
NY	0	5.3	4.2	0	0	0	0	0	6.7	14.1	9.6	0
NC	5.5	21.1	4.2	0	0	50.0	10.0	37.5	7.2	9.1	8.6	6.3
ND	2.4	0	0	0	13.6	0	0	0	4.5	0	7.0	4.8
OH	1.5	0	0	0	4.2	0	0	22.2	4.7	10.4	8.3	0
OK	5.3	0	0	23.1	0	0	0	25.0	4.9	0	1.1	8.3
OR	0	0	6.9	4.7	0	0	15.4	18.2	8.5	18.3	1.4	16.1
PA	1.5	2.9	7.3	0	15.0	50.0	16.7	18.8	6.3	13.6	15.7	23.8
RI	8.6	14.3	0	7.7	0	0	9.5	15.0	8.3	17.3	16.2	0
SC	2.9	12.5	0	11.1	12.5	0	12.5	25.0	9.1	18.2	10.1	8.3
SD	0	9.1	0	0	11.1	0	0	0	2.5	33.3	7.0	21.4
TN	2.3	7.7	5.9	18.2	0	0	0	14.3	4.4	8.3	5.6	0
TX	5.4	6.3	21.4	7.1	0	0	0	0	6.7	19.0	7.8	3.6
UT	5.7	7.1	0	3.6	0	0	33.3	0	4.7	10.7	8.3	0
VT	1.8	4.9	4.2	7.1	0	0	0	0	8.2	5.0	9.5	0
VA	1.4	4.2	2.7	16.7	16.7	0	8.3	10.0	5.9	12.1	11.0	0
WA	8.0	10.3	3.3	4.0	0	0	33.3	28.6	7.9	15.4	6.6	9.7
WV	0	0	0	4.2	4.8	0	12.5	0	8.3	17.4	8.6	6.3
WI	6.6	0	3.1	0	0	0	0	11.1	3.9	0	5.7	4.2
WY	1.6	11.8	8.7	3.7	17.6	0	50.0	0	3.9	10.7	2.6	0

**Table B.4d Percentages for Most Recent Safety Course Taken by State—
6 to 9 Years Ago**

	Type of Vessel											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	4.9	0	0	7.7	0	0	0	0	4.6	5.6	3.9	3.2
AK	0	4.0	7.7	3.2	0	0	9.1	25.0	4.9	8.8	3.2	6.5
AR	1.8	0	0	0	3.1	0	0	0	2.1	0	2.6	0
AZ	3.1	2.6	0	3.2	5.3	0	0	0	5.1	0	0.8	0
CA	0	2.0	0	0	0	0	0	7.1	4.2	12.8	7.3	4.3
CO	2.2	0	0	13.5	0	0	20.0	7.7	6.2	0	5.2	6.5
CT	1.2	8.7	2.8	0	0	0	5.0	0	8.1	10.5	1.7	23.5
DE	1.4	0	0	0	10.5	100.0	25.0	13.6	9.2	7.8	3.5	0
DC	4.1	2.7	3.8	20.0	0	0	5.0	0	5.5	7.4	9.4	5.3
FL	0	6.3	0	0	23.5	0	37.5	0	5.0	5.7	7.8	8.7
GA	7.8	4.8	0	0	0	0	20.0	11.1	3.6	4.8	3.6	0
HI	0	2.0	0	0	50.0	0	0	0	3.8	15.0	2.1	0
ID	6.1	0	0	0	0	0	0	0	2.5	4.3	2.9	2.9
IL	1.5	0	2.8	0	0	0	20.0	0	3.6	3.2	0.9	0
IN	4.0	0	2.1	15.0	0	0	0	0	3.5	8.0	6.1	3.1
IA	1.5	8.3	7.4	0	0	0	0	0	4.8	20.0	4.2	3.1
KS	5.7	0	0	0	9.1	0	0	0	1.2	12.5	2.2	4.0
KY	4.7	15.4	0	0	1.8	0	0	0	4.6	7.7	8.5	3.3
LA	0	0	0	0	0	0	0	0	2.3	0	2.0	0
ME	0	3.8	0	0	12.5	0	0	7.7	5.8	11.6	1.4	0
MD	1.4	0	0	0	12.5	0	4.3	4.5	3.8	13.9	8.2	0
MA	4.9	8.1	16.0	0	14.3	0	12.5	0	6.1	13.6	10.0	0
MI	4.9	4.2	6.3	9.1	0	0	11.1	0	3.1	5.6	5.6	11.1
MN	4.0	0	6.7	0	0	33.3	0	0	2.4	7.1	1.0	0
MS	2.3	8.3	0	0	6.7	0	0	0	4.3	6.5	3.9	9.1
MO	2.6	12.5	0	0	0	0	0	0	2.5	0	5.7	2.9
MT	5.7	0	0	1.9	0	0	0	0	3.3	10.0	5.9	0
NE	0	0	0	0	0	0	0	0	3.2	7.1	0.9	3.0
NV	7.1	0	0	7.4	8.3	0	20.0	10.0	7.3	7.1	2.3	0
NH	3.3	0	2.4	5.9	0	0	12.5	0	5.4	5.0	5.6	27.3
NJ	0	3.7	2.4	0	0	0	7.7	7.7	7.7	10.8	6.2	9.5
NM	2.4	0	0	11.5	4.2	0	0	0	1.9	6.3	3.6	0
NY	2.6	0	0	0	6.3	0	11.1	12.5	6.7	3.1	6.7	0
NC	0	0	8.3	11.1	0	0	10.0	0	3.9	15.2	1.9	6.3
ND	2.4	6.3	0	14.3	0	0	0	0	0.5	14.3	3.5	9.5
OH	1.5	3.8	3.1	0	12.5	0	0	11.1	5.4	6.3	5.5	3.7
OK	5.3	0	0	0	0	0	0	0	1.6	0	0	8.3
OR	6.3	0	6.9	4.7	0	0	15.4	9.1	5.3	6.7	4.1	6.5
PA	6.1	2.9	7.3	4.8	0	0	0	0	4.9	9.1	7.9	0
RI	1.2	0	2.7	0	0	0	23.8	10.0	6.5	7.7	6.8	0
SC	2.9	0	0	0	6.3	0	0	25.0	5.9	6.1	5.5	8.3
SD	0	9.1	0	0	0	0	0	0	1.2	0	1.4	0
TN	4.7	0	0	0	6.3	0	0	14.3	3.3	8.3	3.5	0
TX	2.7	0	0	0	0	0	20.0	0	3.3	4.8	2.6	3.6
UT	2.9	14.3	4.5	0	0	0	0	0	3.9	3.6	3.1	16.7
VT	0	0	0	0	0	0	0	0	4.7	5.0	0	0
VA	1.4	16.7	0	0	0	0	8.3	0	5.1	6.1	4.6	0
WA	0	10.3	0	0	0	0	0	14.3	3.9	9.0	6.6	9.7
WV	2.3	0	0	0	2.4	0	12.5	0	2.8	4.3	5.7	3.1
WI	1.6	0	0	0	3.6	0	0	0	3.4	13.3	4.6	4.2
WY	3.3	0	0	3.7	0	0	0	0	2.8	7.1	2.6	0

**Table B.4e Percentages for Most Recent Safety Course Taken by State—
10 or More Years Ago**

	Type of Vessel											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	9.8	0	9.1	7.7	7.4	0	80.0	14.3	8.2	22.2	12.4	9.7
AK	2.6	4.0	7.7	12.9	0	0	27.3	0	16.6	21.1	12.9	12.9
AR	9.1	7.7	12.5	7.1	9.4	28.6	33.3	0	8.2	22.2	10.3	19.2
AZ	9.4	10.5	4.8	29.0	15.8	0	20.0	27.3	21.0	37.5	6.6	22.2
CA	42.9	5.9	20.0	14.3	16.7	0	7.7	28.6	16.9	30.8	13.3	21.7
CO	10.9	25.0	22.2	10.8	15.0	0	20.0	15.4	15.4	15.4	13.3	16.1
CT	4.7	6.5	8.3	18.2	0	0	40.0	31.0	21.6	33.3	12.1	17.6
DE	9.6	9.4	18.8	5.9	26.3	0	50.0	9.1	22.3	17.6	14.0	10.3
DC	17.6	13.3	24.5	0	20.0	25.0	30.0	21.6	19.2	25.9	7.8	10.5
FL	15.8	12.5	33.3	20.0	11.8	100.0	25.0	10.0	20.1	31.4	13.8	13.0
GA	5.9	28.6	5.9	13.3	28.6	0	40.0	11.1	9.7	9.5	13.7	18.5
HI	8.3	9.2	0	5.6	0	0	28.6	50.0	19.2	20.0	10.4	40.0
ID	24.2	21.4	18.2	7.1	5.9	0	0	66.7	16.4	17.4	10.2	17.6
IL	10.8	14.3	11.1	33.3	6.7	0	40.0	14.3	15.8	19.4	14.2	8.0
IN	8.0	7.7	12.5	0	14.8	0	0	7.1	8.7	28.0	8.8	0
IA	10.4	8.3	0	0	10.7	0	0	27.3	8.7	30.0	8.3	9.4
KS	7.5	0	0	7.1	3.0	0	33.3	20.0	8.8	0	8.7	12.0
KY	2.3	30.8	16.7	12.5	8.8	0	0	33.3	12.5	23.1	9.2	0
LA	6.7	0	0	50.0	11.1	0	75.0	0	8.0	0	18.4	10.7
ME	12.3	11.3	33.3	0	0	0	40.0	30.8	15.7	30.2	20.0	13.0
MD	25.4	18.2	15.2	6.3	25.0	0	39.1	22.7	20.0	29.2	23.7	14.3
MA	24.6	29.7	20.0	0	0	0	37.5	31.0	23.5	31.8	16.0	36.4
MI	17.1	25.0	21.9	36.4	29.0	0	22.2	33.3	22.0	27.8	30.6	33.3
MN	8.0	18.2	13.3	0	3.8	0	0	28.6	8.1	28.6	17.7	13.0
MS	7.0	0	4.3	0	0	0	0	60.0	9.4	9.7	9.8	13.6
MO	9.0	0	0	5.9	18.5	0	0	100.0	10.1	10.0	9.9	17.1
MT	17.0	33.3	0	9.6	0	0	66.7	40.0	14.5	20.0	10.4	21.9
NE	10.0	5.6	5.9	8.3	4.3	0	0	0	7.4	14.3	7.0	3.0
NV	14.3	15.8	0	7.4	16.7	0	40.0	40.0	16.4	31.0	14.8	18.8
NH	17.8	18.5	9.8	0	18.8	0	37.5	35.7	16.1	17.5	10.1	27.3
NJ	12.7	14.8	14.6	10.0	25.0	0	23.1	30.8	26.0	26.2	14.4	19.0
NM	11.9	14.8	0	26.9	20.8	33.3	16.7	42.9	14.8	31.3	6.5	18.5
NY	5.3	15.8	16.7	17.6	18.8	0	44.4	43.8	31.3	31.3	24.0	18.8
NC	13.7	21.1	4.2	0	6.3	0	40.0	0	14.4	21.2	16.2	12.5
ND	0	6.3	10.0	0	0	0	0	0	8.6	0	6.3	4.8
OH	10.4	11.5	12.5	18.8	0	0	0	33.3	13.2	27.1	10.1	3.7
OK	21.1	0	0	0	0	0	0	0	13.9	25.0	7.9	8.3
OR	25.0	22.2	6.9	7.0	16.7	0	23.1	9.1	19.1	16.7	11.0	12.9
PA	9.1	8.8	10.9	4.8	10.0	0	16.7	25.0	16.8	18.2	4.5	9.5
RI	13.6	8.2	16.2	0	0	0	23.8	30.0	13.9	25.0	2.7	20.0
SC	20.0	16.7	12.5	0	3.1	0	37.5	25.0	12.3	18.2	11.0	8.3
SD	7.7	9.1	20.0	0	0	0	0	0	5.6	0	0	21.4
TN	9.3	7.7	5.9	27.3	9.4	14.3	0	14.3	12.8	25.0	9.9	12.5
TX	16.2	6.3	14.3	7.1	7.1	0	0	16.7	15.6	19.0	8.4	14.3
UT	20.0	0	18.2	3.6	0	0	0	50.0	11.0	10.7	8.8	11.1
VT	21.8	19.5	25.0	14.3	33.3	0	16.7	40.0	20.0	30.0	19.0	13.3
VA	12.3	12.5	5.4	0	0	0	41.7	10.0	14.7	18.2	11.0	20.0
WA	16.0	17.2	16.7	28.0	33.3	0	25.0	14.3	23.7	24.4	16.0	19.4
WV	6.8	8.3	3.8	0	4.8	75.0	25.0	25.0	17.9	8.7	8.6	12.5
WI	13.1	12.5	9.4	22.2	7.1	0	50.0	0	10.1	13.3	12.6	12.5
WY	19.7	17.6	26.1	0	5.9	33.3	0	40.0	11.7	17.9	11.4	5.6

**Table B.4f Percentages for Most Recent Safety Course Taken by State—
Never Taken a Safety Course**

	Type of Vessel											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	70.7	83.3	81.8	69.2	70.4	0	0	57.1	57.4	27.8	44.2	67.7
AK	78.9	68.0	53.8	77.4	33.3	0	36.4	25.0	55.2	27.2	67.7	51.6
AR	87.3	84.6	81.3	92.9	71.9	71.4	66.7	83.3	81.5	77.8	72.4	73.1
AZ	71.9	71.1	85.7	67.7	73.7	80.0	80.0	45.5	60.5	41.7	79.5	70.4
CA	50.0	86.3	66.7	85.7	83.3	100.0	53.8	21.4	60.6	38.5	68.0	47.8
CO	78.3	64.3	70.4	62.2	75.0	57.1	60.0	53.8	65.4	61.5	69.6	71.0
CT	82.4	63.0	80.6	63.6	100.0	50.0	0	51.7	42.3	10.5	44.8	47.1
DE	69.9	71.9	81.3	88.2	47.4	0	25.0	31.8	44.6	29.4	51.2	79.3
DC	60.8	69.3	54.7	66.7	80.0	50.0	45.0	29.7	57.5	13.0	60.9	63.2
FL	76.3	68.8	46.7	60.0	35.3	0	25.0	20.0	49.1	25.7	44.8	65.2
GA	72.5	61.9	88.2	73.3	57.1	100.0	40.0	55.6	75.2	71.4	64.0	55.6
HI	91.7	74.5	66.7	83.3	50.0	100.0	57.1	50.0	53.8	50.0	70.8	26.7
ID	63.6	71.4	72.7	80.4	82.4	0	100.0	0	68.6	60.9	72.3	67.6
IL	83.1	66.7	86.1	66.7	76.7	100.0	0	42.9	69.7	35.5	71.7	80.0
IN	77.3	61.5	85.4	85.0	85.2	85.7	0	92.9	78.3	24.0	71.9	84.4
IA	86.6	41.7	81.5	80.0	89.3	100.0	0	45.5	81.2	50.0	76.0	87.5
KS	77.4	100.0	96.6	92.9	81.8	100.0	33.3	60.0	82.5	87.5	78.3	76.0
KY	86.0	53.8	76.7	81.3	77.2	66.7	100.0	33.3	75.7	46.2	72.3	86.7
LA	73.3	100.0	100.0	50.0	77.8	100.0	25.0	0	76.4	62.5	69.4	71.4
ME	86.2	73.6	66.7	80.0	87.5	100.0	40.0	30.8	68.1	32.6	65.7	87.0
MD	63.4	66.7	81.8	87.5	37.5	0	30.4	54.5	57.1	30.6	44.3	85.7
MA	60.7	48.6	60.0	44.4	71.4	0	25.0	41.4	47.0	22.7	52.0	63.6
MI	67.1	62.5	59.4	54.5	54.8	0	55.6	60.0	59.8	44.4	47.2	50.0
MN	82.0	81.8	66.7	90.0	88.5	66.7	100.0	57.1	84.2	64.3	75.0	87.0
MS	81.4	66.7	78.3	100.0	66.7	50.0	50.0	20.0	74.0	45.2	63.7	63.6
MO	88.5	87.5	92.3	94.1	74.1	100.0	33.3	0	76.1	60.0	68.8	65.7
MT	73.6	58.3	86.7	82.7	93.3	100.0	33.3	60.0	70.4	60.0	74.8	62.5
NE	75.0	88.9	94.1	83.3	91.3	100.0	100.0	80.0	78.4	64.3	79.1	81.8
NV	71.4	73.7	75.0	77.8	58.3	100.0	20.0	20.0	65.5	42.9	67.6	43.8
NH	64.4	77.8	85.4	82.4	75.0	0	25.0	57.1	57.1	32.5	60.7	36.4
NJ	81.7	81.5	82.9	70.0	75.0	0	38.5	53.8	44.2	30.8	42.3	52.4
NM	73.8	70.4	78.9	46.2	75.0	50.0	50.0	42.9	66.5	56.3	68.8	77.8
NY	86.8	73.7	79.2	70.6	68.8	100.0	33.3	25.0	43.3	34.4	52.9	68.8
NC	76.7	57.9	83.3	77.8	87.5	50.0	10.0	50.0	70.0	42.4	67.6	75.0
ND	95.1	87.5	90.0	71.4	86.4	0	100.0	100.0	80.9	85.7	76.1	81.0
OH	85.1	80.8	84.4	68.8	79.2	100.0	50.0	33.3	72.1	50.0	68.8	88.9
OK	68.4	83.3	100.0	76.9	100.0	100.0	66.7	75.0	73.8	50.0	85.4	75.0
OR	62.5	70.4	75.9	76.7	83.3	0	38.5	45.5	48.9	28.3	63.0	51.6
PA	75.8	82.4	70.9	85.7	70.0	50.0	33.3	56.3	61.5	36.4	49.4	61.9
RI	71.6	77.6	78.4	92.3	100.0	0	23.8	37.5	61.1	38.5	64.9	66.7
SC	65.7	66.7	83.3	77.8	71.9	100.0	25.0	25.0	64.2	39.4	67.0	75.0
SD	92.3	72.7	80.0	100.0	88.9	0	100.0	100.0	88.9	66.7	84.5	50.0
TN	74.4	84.6	88.2	54.5	75.0	85.7	100.0	42.9	75.6	41.7	76.1	83.3
TX	70.3	87.5	57.1	71.4	92.9	100.0	60.0	83.3	71.7	42.9	72.7	75.0
UT	71.4	71.4	77.3	92.9	90.0	100.0	66.7	30.0	74.8	64.3	71.0	55.6
VT	76.4	68.3	70.8	71.4	66.7	0	50.0	30.0	67.1	50.0	52.4	80.0
VA	79.5	66.7	81.1	83.3	83.3	100.0	41.7	70.0	66.2	51.5	58.7	73.3
WA	72.0	58.6	80.0	64.0	66.7	100.0	41.7	14.3	56.6	37.2	60.4	54.8
WV	77.3	91.7	90.6	91.7	85.7	25.0	37.5	75.0	69.0	52.2	64.8	78.1
WI	77.0	81.3	87.5	77.8	85.7	100.0	50.0	77.8	80.7	60.0	70.1	79.2
WY	72.1	58.8	60.9	92.6	64.7	66.7	50.0	60.0	77.1	57.1	81.6	94.4

C. BOAT OPERATED MOST OFTEN—STATE RESULTS

Table C.1 Percent of Operators Using Boat Operated Most Often by State

	Type of Boat Operated Most Often											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	12.4	2.0	2.6	2.0	14.0	.2	1.0	1.4	47.4	3.9	8.7	4.4
AK	15.2	6.5	4.6	6.2	1.1	0	2.2	.6	39.4	15.3	5.3	3.6
AR	16.2	2.7	3.6	2.9	11.8	2.0	.4	.6	45.2	.8	9.8	4.0
AZ	8.8	8.1	5.0	6.8	5.9	2.0	2.2	2.5	33.9	4.1	16.0	4.6
CA	6.4	13.1	3.2	4.2	2.9	.9	5.8	2.4	38.1	6.3	14.6	2.1
CO	15.4	8.6	6.9	7.0	5.4	2.2	.9	2.1	32.5	2.8	11.5	4.8
CT	26.7	9.7	7.1	4.3	1.2	.8	6.6	4.2	22.0	9.2	6.1	2.1
DE	19.1	7.0	6.6	2.7	5.4	.6	1.7	4.4	28.0	10.0	9.3	5.3
DC	24.0	17.0	7.4	2.2	2.2	.3	5.1	7.0	14.2	8.6	8.8	3.2
FL	12.4	7.2	2.1	1.8	5.9	0	3.0	1.5	37.8	12.6	12.2	3.4
GA	12.9	4.9	4.4	2.9	10.5	1.0	1.4	1.5	37.4	4.3	14.5	4.4
HI	19.2	36.7	.7	4.4	1.3	.3	2.4	2.7	15.2	6.4	7.7	3.0
ID	12.0	3.0	3.1	11.7	5.0	.2	.8	.6	41.5	4.1	13.8	4.3
IL	19.6	4.4	6.8	1.0	9.5	1.0	1.5	1.3	36.6	5.2	8.8	4.4
IN	22.5	2.1	11.2	2.3	9.5	2.9	.9	1.6	26.9	5.0	9.3	5.6
IA	19.8	2.1	6.2	1.3	7.0	.8	.5	1.6	45.8	1.7	9.2	4.1
KS	15.3	3.4	7.0	3.5	9.1	1.2	1.2	.5	37.9	.9	16.6	3.4
KY	13.6	1.4	7.4	3.1	15.9	3.0	.2	1.0	38.2	3.1	8.9	4.2
LA	7.4	1.3	1.7	1.7	5.7	0	1.3	.3	65.4	2.3	6.4	6.4
ME	28.7	13.8	3.1	.6	3.4	.2	2.6	1.8	33.9	6.2	4.1	1.5
MD	18.3	9.4	7.6	3.8	3.7	.3	6.4	4.0	22.5	14.1	7.6	2.3
MA	25.5	11.2	5.2	2.2	2.4	.4	4.3	5.7	27.6	7.7	5.8	2.0
MI	22.4	5.9	7.9	1.9	13.6	.2	2.7	2.3	25.9	8.0	7.4	1.8
MN	15.3	1.3	4.6	1.6	13.1	.7	.6	.9	51.8	1.9	6.8	1.3
MS	10.8	2.1	4.8	1.4	7.0	.6	1.4	.7	56.9	4.5	7.0	2.8
MO	23.0	1.6	1.8	3.0	10.5	.6	1.0	.5	39.7	3.4	9.4	5.5
MT	15.2	4.2	4.4	10.4	5.2	.6	1.0	.4	38.9	3.8	12.9	3.2
NE	15.5	2.8	4.1	3.7	7.5	.5	1.1	.5	45.0	1.5	13.2	4.6
NV	6.7	5.3	1.8	5.9	5.2	1.2	1.8	1.4	43.4	8.0	17.1	2.2
NH	29.8	11.6	8.8	2.1	4.7	0	1.8	2.2	26.2	5.8	6.2	.8
NJ	18.0	8.7	8.5	4.5	2.3	.3	4.4	2.9	24.5	11.2	10.7	4.0
NM	12.8	5.1	4.6	4.2	7.2	1.7	2.1	1.5	37.1	2.8	16.9	3.9
NY	16.5	10.8	3.1	2.3	4.7	.8	3.2	3.7	34.4	11.6	6.8	2.1
NC	19.4	3.7	3.8	2.0	7.6	.5	1.9	1.5	40.0	5.0	11.8	2.9
ND	11.8	3.3	2.2	1.0	9.2	.4	.8	.6	54.7	1.2	12.9	2.0
OH	22.4	5.1	6.9	2.6	7.0	1.2	.9	1.5	29.5	8.5	10.9	3.5
OK	11.4	1.7	3.3	3.7	12.7	1.0	1.0	1.0	44.1	1.7	15.4	3.0
OR	7.5	7.0	9.7	8.2	1.4	.2	3.1	1.4	42.4	7.9	7.5	3.7
PA	20.8	7.5	11.5	4.2	5.4	.9	1.8	2.5	29.2	3.2	9.9	3.1
RI	24.4	12.0	5.7	2.2	.6	.4	7.6	6.6	21.4	8.1	9.5	1.7
SC	10.2	5.3	4.7	2.2	15.0	1.1	2.5	1.0	39.5	5.2	9.8	3.5
SD	8.4	3.7	2.3	2.0	4.0	0	.3	.7	62.5	.7	11.7	3.7
TN	12.7	2.9	4.0	1.8	12.6	2.2	.6	1.8	45.1	2.2	11.0	3.1
TX	11.3	3.0	2.4	2.8	5.6	.2	1.3	1.1	47.3	2.7	17.4	4.9
UT	12.5	4.8	3.2	6.2	3.1	1.8	1.3	1.6	34.6	6.8	21.3	2.8
VT	32.9	12.9	8.8	2.7	3.1	0	2.7	2.7	23.4	5.1	3.4	2.4
VA	21.9	5.6	7.0	3.0	4.9	.9	2.6	2.8	29.4	7.0	13.1	1.9
WA	8.4	8.6	8.1	5.6	1.2	.2	5.0	1.0	39.4	12.2	7.2	3.1
WV	15.6	3.0	13.0	5.3	12.7	.9	2.1	.6	28.6	4.8	8.2	5.2
WI	20.6	2.9	7.1	1.5	10.2	.2	.9	2.5	42.0	2.7	6.4	2.9
WY	17.1	3.6	5.2	6.4	3.9	.7	.4	1.3	41.6	4.7	12.3	2.6

Table C.2 Percentages for Length Categories of Boats Operated Most Often by State

	Length Categories of Boats Operated Most Often						Total
	Under 16 feet	16 to 20 feet	21 to 25 feet	26 to 39 feet	40 to 65 feet	Over 65 feet	
AL	36.9	42.0	13.9	6.4	.8	0	100.0
AK	29.0	46.7	15.1	7.4	1.6	.2	100.0
AR	45.5	39.0	12.5	2.0	1.1	0	100.0
AZ	45.9	30.7	13.9	6.4	2.5	.8	100.0
CA	44.2	30.1	14.9	8.5	1.6	.7	100.0
CO	50.4	34.6	9.4	4.2	1.1	.3	100.0
CT	51.9	23.4	10.6	10.6	3.2	.3	100.0
DE	48.8	27.9	13.1	6.4	2.1	1.6	100.0
DC	54.0	20.1	5.6	14.0	5.0	1.3	100.0
FL	33.6	32.0	16.8	10.3	6.9	.4	100.0
GA	43.6	35.3	13.8	5.5	1.5	.3	100.0
HI	56.3	19.2	9.6	9.6	5.0	.4	100.0
ID	43.7	39.8	13.2	2.9	.4	0	100.0
IL	41.3	39.7	11.3	5.5	2.3	0	100.0
IN	48.1	33.6	9.4	4.5	2.7	1.7	100.0
IA	40.6	46.1	8.6	3.4	1.3	0	100.0
KS	50.2	36.1	9.2	3.8	.7	0	100.0
KY	41.0	37.5	12.7	4.9	1.8	2.1	100.0
LA	37.8	47.2	10.4	3.8	.7	0	100.0
ME	47.3	39.5	7.3	4.7	1.0	.2	100.0
MD	39.3	27.7	12.8	15.5	4.7	0	100.0
MA	48.2	27.2	10.9	10.1	2.7	.8	100.0
MI	42.2	34.1	12.4	9.3	2.0	0	100.0
MN	35.3	55.1	6.7	2.1	.8	0	100.0
MS	49.3	33.3	10.7	5.4	1.1	.2	100.0
MO	38.2	40.2	13.0	7.1	1.0	.5	100.0
MT	44.2	43.5	7.7	4.2	.4	0	100.0
NE	43.7	44.1	8.1	3.0	.8	.3	100.0
NV	45.6	30.1	14.9	7.3	1.9	.2	100.0
NH	49.5	32.0	8.9	8.3	1.1	.2	100.0
NJ	47.8	20.2	14.5	11.5	5.1	1.0	100.0
NM	45.2	38.0	9.4	4.2	2.6	.6	100.0
NY	39.6	30.9	13.8	13.0	2.0	.6	100.0
NC	44.1	36.3	12.6	4.6	2.1	.3	100.0
ND	36.7	55.9	5.9	1.5	0	0	100.0
OH	50.1	32.1	11.2	5.6	1.1	0	100.0
OK	41.2	43.0	9.7	5.0	.4	.7	100.0
OR	44.7	39.0	8.7	3.8	3.2	.6	100.0
PA	54.0	32.2	7.7	3.5	1.7	.8	100.0
RI	50.0	22.3	10.0	15.2	1.8	.6	100.0
SC	45.6	25.3	22.2	4.1	2.3	.6	100.0
SD	33.8	58.4	5.6	1.4	0	.7	100.0
TN	40.1	44.0	10.3	3.4	1.6	.7	100.0
TX	37.8	43.5	12.6	4.3	1.2	.5	100.0
UT	47.6	29.1	16.9	4.2	1.5	.7	100.0
VT	46.5	41.0	7.7	4.4	0	.4	100.0
VA	48.5	30.2	10.3	8.2	2.4	.5	100.0
WA	39.5	37.4	10.3	9.0	3.5	.4	100.0
WV	54.4	30.6	9.1	5.0	.9	0	100.0
WI	43.0	43.0	10.0	2.8	1.2	0	100.0
WY	42.6	44.2	10.5	2.4	.2	.2	100.0

Table C.3 Mean Length in Feet of Boat Operated Most Often by State

	Type of Boat Operated Most Often											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	13.16	10.66	12.59	10.40	21.42	25.00	30.94	21.43	17.21	28.10	9.05	17.30
AK	14.21	15.63	13.30	12.90	17.55	0	27.23	26.00	18.15	26.52	8.49	19.41
AR	13.90	10.55	12.93	8.14	21.56	33.06	33.50	16.00	16.82	30.85	9.79	13.76
AZ	14.18	10.69	12.76	11.50	22.47	45.50	32.32	25.64	17.98	25.23	10.55	14.46
CA	15.07	10.23	21.26	9.93	21.11	32.36	30.47	22.32	17.71	29.60	9.54	23.89
CO	12.93	10.14	11.08	10.35	19.91	42.75	21.07	17.40	18.29	25.39	9.71	9.91
CT	12.97	11.36	14.63	7.53	18.78	30.00	28.99	16.67	18.17	29.43	8.75	29.24
DE	15.46	11.31	12.66	9.14	21.65	100.00	34.10	43.05	18.25	26.89	8.20	14.05
DC	12.62	13.61	12.10	8.65	15.97	38.67	28.06	27.85	19.31	37.06	12.15	14.89
FL	13.15	13.14	13.70	10.15	20.53	0	37.95	27.71	19.84	32.84	9.21	15.72
GA	12.50	12.07	12.15	10.52	20.84	55.91	28.75	21.17	17.74	26.36	9.06	18.55
HI	23.18	13.39	5.50	12.27	21.00	56.00	30.71	15.86	18.14	25.42	10.11	16.00
ID	13.82	10.36	12.67	9.96	17.64	40.00	25.53	14.36	18.25	23.76	9.18	16.54
IL	13.93	10.77	14.16	9.50	21.16	23.00	30.38	15.36	17.41	29.76	10.75	15.96
IN	13.49	15.21	11.88	15.25	20.05	48.14	34.20	14.47	18.37	28.68	9.57	14.10
IA	14.51	17.17	12.19	10.50	21.42	38.66	24.33	18.01	17.12	26.00	9.45	15.09
KS	12.70	11.23	14.03	12.18	20.95	26.08	27.32	12.18	17.33	22.51	9.44	11.30
KY	12.74	8.00	12.51	10.82	20.40	63.31	23.00	29.50	17.75	27.66	12.73	18.69
LA	12.85	13.75	11.25	6.40	21.29	0	26.50	10.00	17.24	28.00	7.79	14.16
ME	14.16	13.45	11.25	15.59	20.77	26.00	31.97	16.71	16.34	28.88	10.66	6.19
MD	13.96	10.99	13.85	10.52	22.59	41.67	31.03	22.07	18.46	28.10	14.65	19.68
MA	13.85	12.15	12.50	10.00	22.50	61.89	33.44	15.59	19.00	29.50	13.31	10.55
MI	12.90	12.24	13.09	9.63	20.96	25.00	32.36	20.77	17.77	28.15	10.39	18.78
MN	14.50	15.48	13.16	7.22	19.57	40.00	31.22	16.04	16.60	24.91	8.09	13.54
MS	12.57	10.00	14.04	9.57	22.52	56.03	31.33	17.00	16.45	29.90	8.49	12.90
MO	12.79	19.83	12.29	15.58	21.50	62.68	24.50	16.00	18.61	29.25	10.33	13.92
MT	14.52	11.21	12.84	11.76	21.01	32.68	30.71	40.00	17.87	24.05	9.28	13.39
NE	13.07	11.17	12.29	9.18	20.75	38.00	24.47	16.50	17.44	21.28	8.57	13.28
NV	13.93	11.04	11.55	8.39	19.08	53.96	30.86	16.27	18.35	26.40	8.06	16.41
NH	13.36	11.48	12.47	6.64	19.35	0	30.64	24.10	19.35	26.45	11.98	17.43
NJ	13.05	11.91	11.39	8.61	18.76	41.67	35.85	19.87	31.50	30.48	7.95	37.40
NM	13.83	10.94	11.93	8.55	20.97	33.69	34.81	29.56	17.49	21.35	10.49	16.32
NY	13.49	12.02	10.72	6.56	18.86	31.06	28.57	18.63	19.64	30.27	6.82	21.59
NC	14.46	12.17	10.35	9.88	20.02	15.00	34.15	19.27	17.85	27.11	11.11	15.02
ND	13.90	10.08	11.38	10.80	18.73	26.00	24.18	17.00	16.86	21.42	8.55	12.54
OH	12.88	11.14	11.55	9.82	20.37	43.50	27.32	17.69	16.79	24.48	10.05	16.19
OK	12.10	11.25	10.40	10.10	27.30	30.00	36.33	13.00	18.70	23.60	7.53	13.56
OR	17.68	12.16	12.99	13.30	20.09	60.00	31.65	14.84	17.51	28.42	8.10	17.86
PA	13.39	11.32	11.71	11.51	19.13	53.63	30.10	23.71	17.09	26.03	8.97	125.48
RI	13.42	11.10	11.48	8.73	21.69	43.00	32.28	18.46	19.43	29.07	10.55	24.57
SC	15.69	11.17	12.11	8.60	21.49	44.40	24.04	21.81	17.90	27.40	9.12	14.89
SD	14.87	10.09	12.50	8.60	22.00	0	25.00	15.50	18.91	22.50	8.10	12.00
TN	14.15	10.71	11.34	11.00	20.94	38.40	43.99	15.00	17.14	31.69	9.19	16.93
TX	18.32	11.08	14.17	11.18	21.29	75.00	27.91	26.23	18.20	27.24	9.02	13.10
UT	12.81	10.66	14.14	10.76	16.75	54.05	29.21	18.94	19.12	24.78	8.10	18.17
VT	14.54	11.42	14.46	7.29	22.33	0	27.25	19.12	19.12	22.20	9.78	8.86
VA	13.50	11.12	13.15	12.14	19.66	45.75	28.14	28.56	18.39	24.87	9.63	13.41
WA	13.38	11.86	11.91	8.33	13.77	60.00	32.19	17.36	17.74	29.27	8.80	19.67
WV	13.59	11.09	12.74	11.26	19.67	37.94	25.39	16.16	16.45	26.19	8.60	13.15
WI	13.99	11.71	13.52	11.29	21.10	65.00	26.64	16.25	16.55	25.90	10.56	17.21
WY	14.95	12.56	12.14	11.25	19.08	31.97	27.62	17.33	17.70	22.32	8.47	12.09

D. ACTIVITIES ON THE BOAT OPERATED MOST OFTEN— STATE RESULTS

Table D.1 Percent of Boat Operators Engaging in Boating Activities by State

	Type of Activity										
	Cruising using engine	Sailing	Paddling	Swimming or diving off boat	Recreational Fishing	Fishing Tournament	Hunting	Racing	Waterskiing or Tubing	Whitewater Sports	Other
AL	46.1	4.8	17.8	27.3	63.0	8.1	2.6	2.2	25.0	3.2	1.2
AK	42.1	3.4	31.0	10.8	69.9	6.6	29.1	3.2	8.5	6.2	7.6
AR	40.7	4.7	20.5	28.9	58.7	9.5	9.1	3.2	23.8	4.7	2.4
AZ	49.2	7.4	26.3	33.0	48.3	4.1	1.3	5.0	30.0	3.9	2.8
CA	51.1	9.6	27.6	33.8	39.0	3.2	0.8	8.8	31.7	4.7	6.2
CO	40.9	5.7	32.4	30.2	49.7	2.8	2.7	4.3	32.8	8.5	2.0
CT	36.2	13.2	40.2	27.6	40.4	4.5	1.4	4.7	18.6	5.6	2.2
DE	36.3	11.1	27.9	20.0	54.3	5.9	2.8	5.8	13.0	3.5	2.4
DC	33.8	17.0	45.8	23.3	24.6	1.3	0.3	6.4	9.2	5.4	2.5
FL	50.4	6.6	23.6	32.2	55.5	6.9	1.1	4.3	20.6	2.5	3.8
GA	46.3	4.9	23.3	27.1	54.3	7.4	3.1	4.6	23.5	5.3	2.0
HI	28.6	9.4	61.6	55.9	37.7	7.1	1.7	22.6	12.1	8.8	10.8
ID	39.7	2.6	27.5	32.3	52.8	5.3	7.4	3.6	33.1	12.3	3.2
IL	43.0	5.3	27.5	27.6	51.5	5.3	4.3	1.8	21.9	1.6	0.9
IN	44.4	9.9	31.3	33.0	51.1	4.8	2.7	5.0	18.8	2.5	1.1
IA	41.6	5.8	24.8	20.4	51.6	5.0	5.4	3.9	25.8	1.8	2.0
KS	45.5	5.3	26.2	31.4	51.2	3.4	1.3	5.4	30.1	2.4	1.0
KY	47.5	5.5	20.8	32.4	57.1	11.4	2.7	1.3	22.2	2.6	2.7
LA	63.1	2.7	22.5	29.2	73.2	19.5	22.5	5.0	27.9	3.7	6.7
ME	38.1	5.9	44.1	20.7	54.1	2.1	3.5	3.1	17.5	5.2	3.6
MD	40.3	15.3	33.2	23.3	43.9	6.1	1.5	4.1	14.3	3.8	2.3
MA	38.6	14.1	42.2	27.3	38.8	4.3	1.2	3.4	11.4	3.1	4.4
MI	44.0	7.0	31.8	31.7	51.6	6.2	3.3	4.4	18.7	3.1	1.5
MN	46.5	2.7	18.1	23.7	67.5	3.4	4.0	1.9	24.8	2.2	1.4
MS	40.3	5.1	19.1	19.5	68.8	7.6	8.6	3.3	19.6	3.1	2.0
MO	43.6	3.3	30.7	40.2	53.3	9.5	3.4	4.7	27.5	4.4	2.1
MT	46.4	2.5	30.4	32.6	56.4	6.4	4.2	3.9	31.2	5.5	3.4
NE	45.2	5.2	22.9	25.6	57.4	5.9	1.9	3.6	31.6	3.2	1.4
NV	53.1	4.4	17.8	38.4	48.5	3.8	1.8	5.0	34.0	5.8	4.6
NH	36.7	9.3	46.3	32.4	44.8	4.9	1.4	1.2	18.3	4.2	3.1
NJ	44.2	14.6	31.4	28.9	41.3	6.5	1.3	4.5	15.7	3.3	1.5
NM	47.9	5.9	23.7	25.4	55.2	4.2	1.5	4.7	28.0	5.3	2.4
NY	47.0	8.5	31.9	29.3	45.5	3.7	1.1	5.3	18.1	2.5	5.4
NC	45.1	6.4	24.9	24.5	55.2	5.3	3.2	2.7	19.7	5.2	1.4
ND	42.1	4.5	17.3	23.4	61.6	6.7	1.7	2.8	30.6	1.6	2.5
OH	43.4	6.2	33.6	28.5	50.1	5.3	2.7	4.7	20.8	3.9	1.5
OK	63.8	2.3	21.7	47.5	60.9	13.4	3.7	7.4	37.1	1.7	3.7
OR	35.7	6.1	30.2	25.5	57.9	1.8	3.1	4.6	21.2	8.8	6.3
PA	35.7	8.4	37.6	22.3	50.9	4.1	3.2	4.1	19.2	4.7	2.3
RI	37.3	19.8	35.0	26.3	44.3	5.3	1.4	8.7	12.4	4.8	3.3
SC	48.2	8.4	20.3	29.0	58.2	9.7	4.9	3.8	24.3	3.3	2.5
SD	65.6	1.7	18.4	38.8	67.2	14.7	5.0	6.7	50.2	3.7	3.3
TN	46.0	4.4	21.3	32.8	55.6	9.5	4.6	3.4	24.9	5.1	1.8
TX	49.1	3.8	19.5	30.1	54.4	8.8	4.4	2.9	32.2	3.2	1.3
UT	46.9	4.7	24.7	33.5	42.0	2.5	3.4	7.7	42.6	7.3	2.8
VT	33.2	6.4	61.0	36.3	50.2	5.4	3.7	4.4	17.3	8.5	8.1
VA	41.0	11.8	31.2	28.1	48.3	5.0	1.8	2.7	16.8	3.6	0.2
WA	43.6	7.0	29.3	26.8	49.1	3.4	3.2	5.2	27.0	2.9	5.2
WV	40.1	4.2	32.7	33.2	62.7	5.3	3.2	4.6	21.7	7.6	4.1
WI	41.9	5.2	24.6	23.6	61.8	5.7	3.1	1.8	20.9	3.6	0.9
WY	40.2	4.1	27.5	24.3	65.4	6.9	2.1	2.9	28.9	5.5	2.6

Table D.2a Percent of Boating Activities on Canoes by State

	Type of Activity										
	Cruising using engine	Sailing	Paddling	Swimming or diving off boat	Recreational Fishing	Fishing Tournament	Hunting	Racing	Waterskiing or Tubing	Whitewater Sports	Other
AL	8.1	8.1	82.3	29.0	56.5	3.2	3.2	3.2	4.8	6.5	4.8
AK	6.7	1.3	96.0	12.0	58.7	4.0	22.7	2.7	1.3	10.7	9.3
AR	11.3	5.0	75.0	28.8	51.9	5.0	6.3	5.0	5.0	12.5	2.5
AZ	15.9	6.8	88.6	18.2	50.0	2.3	2.3	0	6.8	6.8	2.3
CA	9.7	3.2	96.9	32.3	34.4	6.5	3.2	6.5	0	18.8	6.5
CO	0	0	84.2	28.9	44.7	3.9	5.3	1.3	0	6.7	3.9
CT	6.1	4.5	85.6	15.2	45.1	6.1	2.3	0	5.3	3.1	3.0
DE	4.2	10.5	70.5	13.7	42.6	5.3	1.1	7.4	2.1	4.2	3.2
DC	5.8	2.5	87.4	15.8	29.4	2.5	0	4.2	5.8	4.2	2.5
FL	4.8	0	87.1	18.0	38.7	8.2	0	3.2	3.2	1.6	3.2
GA	7.8	6.3	85.7	15.6	34.9	6.3	1.6	9.5	0	6.3	0
HI	1.7	3.4	100.0	56.1	17.5	5.2	1.7	64.9	5.2	8.6	19.3
ID	1.7	3.4	94.8	28.8	49.2	3.4	3.4	3.4	0	16.9	5.2
IL	5.2	3.1	82.5	22.7	44.9	4.1	2.1	0	4.1	2.1	1.0
IN	9.9	9.0	85.6	29.7	51.4	3.6	2.7	6.3	3.6	0.9	0.9
IA	8.2	10.2	81.6	21.4	42.4	5.1	7.1	8.2	4.1	4.1	2.0
KS	11.8	5.3	88.2	34.2	34.2	1.3	1.3	5.3	10.5	1.3	0
KY	14.7	11.9	76.1	25.0	41.8	10.4	0	1.5	7.4	1.5	0
LA	9.1	0	100.0	22.7	45.5	4.5	22.7	13.6	4.5	9.1	4.5
ME	4.2	2.1	91.5	14.1	59.9	0.7	8.5	3.5	1.4	8.5	4.2
MD	6.6	4.4	85.7	16.5	35.2	7.7	3.3	4.4	4.4	4.4	3.3
MA	3.1	5.5	89.8	19.7	26.0	0	2.4	2.4	0	2.4	4.7
MI	7.3	3.6	85.3	24.8	38.2	3.6	6.4	3.6	5.5	5.5	0
MN	6.6	2.6	86.7	22.4	47.4	0	2.6	2.6	2.6	5.3	2.6
MS	15.1	14.8	81.1	28.3	41.5	5.6	5.6	5.6	9.4	9.4	1.9
MO	5.2	4.3	92.1	41.7	41.7	4.3	1.8	9.6	7.0	6.1	0.9
MT	5.3	2.7	93.3	22.7	48.7	1.3	2.7	4.0	4.0	4.0	2.7
NE	9.2	5.2	80.3	18.2	41.6	6.6	0	2.6	5.2	1.3	2.6
NV	3.0	0	87.9	21.2	48.5	3.0	6.1	3.0	0	3.1	12.1
NH	4.8	4.7	91.2	26.4	48.0	2.0	2.0	2.7	2.7	6.1	4.1
NJ	6.7	14.6	82.0	22.5	32.2	13.3	2.2	3.3	4.5	3.3	0
NM	4.7	1.6	87.3	23.4	46.0	1.6	4.7	6.3	4.7	4.7	1.6
NY	3.7	1.2	92.7	29.3	46.3	2.4	2.4	7.4	4.9	7.4	8.6
NC	6.3	2.1	75.0	22.9	54.6	4.1	1.0	2.1	4.1	4.1	0
ND	6.9	5.2	86.2	19.0	27.6	3.4	3.4	0	5.2	3.4	3.4
OH	12.6	7.1	84.7	28.8	38.7	2.7	2.7	8.1	0.9	6.3	0
OK	9.1	2.9	85.3	44.1	52.9	2.9	5.9	5.9	2.9	2.9	0
OR	0	10.5	97.3	24.3	43.2	0	0	5.4	2.7	7.9	13.2
PA	3.9	7.8	87.4	25.2	44.7	1.0	3.9	1.9	3.9	4.9	3.9
RI	10.9	12.5	72.3	15.0	52.9	10.0	2.5	0.8	3.4	5.0	2.5
SC	2.0	14.0	78.4	19.6	42.0	6.0	0	6.0	2.0	4.0	4.0
SD	4.0	0	100.0	20.0	56.0	4.0	4.0	8.0	0	4.0	12.0
TN	6.5	3.2	82.5	24.2	39.7	6.5	0	9.5	4.8	14.3	1.6
TX	5.5	3.6	89.3	16.1	37.5	1.8	3.6	0	1.8	1.8	0
UT	3.3	0	90.3	19.4	37.1	0	0	11.3	9.7	6.5	1.6
VT	4.0	0	100.0	25.5	43.4	1.0	2.0	4.0	0	12.2	8.1
VA	8.3	9.3	77.8	27.5	44.4	5.6	2.8	0.9	0	8.3	0
WA	0	0	97.6	9.8	31.7	0	2.4	9.8	0	4.8	4.8
WV	9.1	3.9	82.9	16.9	74.0	1.3	3.9	6.5	1.3	13.2	6.5
WI	8.7	4.9	77.5	18.6	52.0	2.0	2.9	0	4.9	5.8	0
WY	3.5	2.4	90.6	10.6	54.1	3.5	2.4	2.4	1.2	4.7	3.5

Table D.2b Percent of Boating Activities on Kayaks by State

	Type of Activity										
	Cruising using engine	Sailing	Paddling	Swimming or diving off boat	Recreational Fishing	Fishing Tournament	Hunting	Racing	Waterskiing or Tubing	Whitewater Sports	Other
AL	10.0	0	100.0	20.0	30.0	10.0	0	0	0	30.0	0
AK	0	0	100.0	6.3	15.6	0	3.1	3.1	0	15.6	15.6
AR	0	7.7	100.0	30.8	15.4	0	0	7.7	0	23.1	0
AZ	0	0	97.5	25.0	12.5	0	0	0	0	7.3	2.5
CA	1.6	0	100.0	24.6	4.7	0	0	6.3	0	14.1	12.5
CO	0	0	90.5	16.3	23.3	0	2.4	7.0	7.0	41.9	7.0
CT	2.1	2.1	97.9	22.9	16.3	0	0	8.3	2.1	22.9	2.1
DE	8.6	11.8	79.4	11.8	25.7	0	0	0	8.6	2.9	0
DC	2.4	11.8	90.5	32.1	11.8	0	0	9.5	5.9	11.8	2.4
FL	2.8	0	88.9	16.7	16.7	0	0	2.8	8.3	2.8	11.1
GA	0	0	95.8	16.7	20.8	0	0	4.2	4.2	16.7	4.2
HI	2.7	0.9	98.2	53.2	22.7	0.9	0	10.0	0	10.9	8.2
ID	0	0	78.6	21.4	53.3	0	7.1	7.1	0	28.6	0
IL	0	4.8	77.3	9.5	9.5	0	0	0	0	13.6	4.8
IN	10.0	10.0	100.0	40.0	54.5	0	0	27.3	10.0	27.3	0
IA	0	10.0	90.0	10.0	18.2	0	0	0	0	10.0	0
KS	0	6.3	94.1	6.3	17.6	0	0	6.3	6.3	17.6	6.3
KY	14.3	0	100.0	0	28.6	0	0	0	0	28.6	0
LA	0	0	100.0	0	50.0	0	0	0	0	0	0
ME	4.4	2.9	95.6	13.2	15.9	0	1.5	8.7	1.5	14.7	1.5
MD	6.4	14.9	87.2	17.4	14.9	2.2	0	6.5	2.2	17.4	0
MA	0	1.8	92.9	17.9	17.9	0	0	0	0	7.1	5.4
MI	0	0	93.1	13.8	3.4	0	3.4	3.4	6.9	3.4	0
MN	28.6	14.3	66.7	14.3	57.1	0	0	0	0	0	33.3
MS	10.0	10.0	80.0	27.3	27.3	0	0	0	27.3	10.0	0
MO	12.5	0	87.5	0	12.5	0	0	0	12.5	25.0	0
MT	0	0	100.0	14.3	28.6	4.8	0	14.3	9.5	33.3	0
NE	0	15.4	84.6	28.6	28.6	0	7.7	0	7.7	7.7	0
NV	0	0	92.3	26.9	11.5	0	3.8	15.4	3.8	38.5	3.8
NH	10.3	14.0	84.5	26.3	24.6	0	0	0	7.0	10.3	0
NJ	11.4	6.8	84.1	16.3	11.6	2.3	0	9.3	0	6.8	0
NM	4.0	0	96.0	26.9	4.0	0	0	0	0	20.0	0
NY	1.9	3.7	96.3	9.4	11.3	0	1.9	3.7	1.9	0	9.4
NC	0	11.1	94.4	0	21.1	0	0	5.6	0	21.1	5.6
ND	12.5	6.3	81.3	6.3	12.5	0	0	0	0	0	0
OH	0	4.0	88.0	7.7	15.4	0	7.7	4.0	0	7.7	0
OK	0	0	100.0	40.0	0	0	0	0	0	0	0
OR	2.9	0	100.0	22.9	8.6	0	0	11.4	2.9	29.4	14.3
PA	10.5	0	89.5	13.5	5.4	2.7	0	2.7	10.5	18.9	5.4
RI	6.8	5.1	98.3	16.9	18.6	0	0	10.2	1.7	11.9	5.1
SC	11.5	3.8	84.6	15.4	23.1	0	3.8	7.7	7.7	11.5	3.8
SD	0	9.1	90.9	27.3	27.3	9.1	18.2	0	9.1	27.3	18.2
TN	14.3	7.1	85.7	40.0	14.3	0	7.1	7.1	0	21.4	0
TX	0	0	86.7	0	33.3	6.7	0	0	0	21.4	0
UT	4.2	0	87.5	16.7	37.5	4.2	4.2	8.7	4.2	30.4	4.2
VT	0	0	100.0	12.8	23.7	0	2.6	5.1	0	17.9	5.1
VA	0	0	85.2	21.4	0	0	0	0	3.7	3.7	0
WA	0	2.4	97.6	9.5	9.5	2.4	0	4.8	0	7.1	11.9
WV	0	0	93.3	20.0	20.0	6.7	6.7	6.7	33.3	26.7	20.0
WI	0	0	100.0	13.3	13.3	0	0	0	6.7	6.7	6.7
WY	5.6	5.6	94.4	11.1	16.7	0	5.6	0	0	38.9	5.6

Table D.2c Percent of Boating Activities on Rowboats by State

	Type of Activity										
	Cruising using engine	Sailing	Paddling	Swimming or diving off boat	Recreational Fishing	Fishing Tournament	Hunting	Racing	Waterskiing or Tubing	Whitewater Sports	Other
AL	15.4	0	38.5	7.7	84.6	0	0	0	0	7.7	0
AK	0	4.3	59.1	17.4	69.6	8.7	4.3	4.3	4.3	4.3	4.3
AR	5.6	5.6	44.4	5.6	72.2	11.1	5.6	5.6	0	0	5.6
AZ	20.8	0	41.7	12.0	75.0	12.0	4.0	4.2	0	0	4.2
CA	0	6.3	75.0	12.5	50.0	0	6.3	18.8	0	0	0
CO	11.8	2.9	47.1	11.8	85.3	2.9	2.9	0	0	0	0
CT	14.3	16.7	57.1	14.3	47.2	2.9	0	0	5.7	8.6	0
DE	9.4	3.1	45.5	21.2	75.8	3.1	6.1	0	0	0	0
DC	8.1	8.1	73.0	5.4	35.1	0	0	8.1	0	0	5.4
FL	40.0	10.0	60.0	40.0	60.0	0	0	0	0	0	0
GA	22.7	0	59.1	22.7	66.7	9.5	4.8	0	0	0	0
HI	0	0	100.0	100.0	0	0	0	0	50.0	0	0
ID	6.7	0	66.7	46.7	86.7	6.7	13.3	0	6.7	13.3	0
IL	26.5	6.1	47.1	14.7	69.7	0	3.0	0	3.0	0	0
IN	18.2	25.5	43.6	17.9	63.6	0	5.4	1.8	5.5	0	1.8
IA	12.9	9.7	46.7	13.3	74.2	9.7	3.2	0	0	0	3.2
KS	2.9	0	38.2	8.6	82.9	2.9	2.9	2.9	0	0	2.9
KY	25.0	5.6	58.3	16.7	77.8	5.6	2.7	2.8	2.8	2.8	2.8
LA	20.0	0	100.0	20.0	60.0	0	20.0	0	0	0	0
ME	12.5	0	62.5	6.7	73.3	0	0	0	6.7	0	13.3
MD	21.6	15.8	51.4	18.4	63.2	10.8	0	0	0	0	2.6
MA	23.1	0	69.2	3.8	61.5	11.5	0	0	3.8	0	3.8
MI	13.2	5.3	48.7	15.4	71.8	5.1	0	0	0	0	0
MN	13.0	4.3	30.4	8.7	91.3	4.3	4.3	0	4.3	8.7	0
MS	12.5	4.2	56.5	12.5	87.5	4.2	12.5	4.2	12.5	8.3	0
MO	0	0	77.8	11.1	88.9	11.1	11.1	0	0	0	0
MT	13.6	4.5	50.0	31.8	81.8	9.1	4.5	0	13.6	4.5	4.5
NE	5.0	30.0	45.0	5.0	85.0	5.0	0	0	5.0	0	0
NV	22.2	0	55.6	11.1	88.9	11.1	11.1	0	0	0	0
NH	6.8	15.9	47.7	18.6	70.5	4.5	0	0	6.8	0	2.3
NJ	14.3	20.9	38.1	16.7	54.8	2.4	0	0	9.5	0	0
NM	17.4	13.0	34.8	4.5	77.3	0	4.5	0	0	0	4.5
NY	6.7	0	53.3	6.7	66.7	6.7	0	0	0	0	0
NC	21.1	11.1	47.4	21.1	78.9	5.6	0	0	0	5.6	0
ND	9.1	9.1	27.3	0	72.7	9.1	18.2	9.1	0	0	0
OH	8.6	11.8	67.6	5.9	71.4	5.9	5.9	0	0	0	0
OK	20.0	0	90.0	40.0	80.0	20.0	0	0	0	0	10.0
OR	2.1	2.1	66.7	14.6	75.0	2.1	10.4	0	6.3	4.2	12.5
PA	8.8	1.8	57.9	10.5	59.6	3.5	3.5	0	0	0	0
RI	10.7	14.8	42.9	21.4	57.1	0	0	0	0	0	0
SC	13.0	13.0	69.6	13.0	65.2	4.3	4.3	0	0	0	0
SD	42.9	0	42.9	0	85.7	0	28.6	0	0	0	0
TN	20.0	15.0	55.0	21.1	45.0	0	0	10.0	0	5.0	0
TX	25.0	0	66.7	25.0	75.0	0	8.3	0	8.3	0	0
UT	12.5	0	75.0	12.5	56.3	0	6.3	0	0	6.3	0
VT	19.2	3.8	96.2	15.4	80.8	3.8	3.8	0	0	0	7.7
VA	8.8	20.6	55.9	11.8	65.7	5.7	8.8	0	0	2.9	0
WA	17.5	0	65.0	12.5	65.0	0	5.0	2.5	5.0	0	7.5
WV	15.6	1.6	56.3	17.2	79.4	3.2	3.1	1.6	4.7	6.3	1.6
WI	13.9	5.6	25.0	11.1	80.6	8.3	5.6	0	5.6	2.9	2.8
WY	15.4	7.7	46.2	12.0	76.9	3.8	3.8	0	0	3.8	19.2

Table D.2d Percent of Boating Activities on Inflatables by State

	Type of Activity										
	Cruising using engine	Sailing	Paddling	Swimming or diving off boat	Recreational Fishing	Fishing Tournament	Hunting	Racing	Waterskiing or Tubing	Whitewater Sports	Other
AL	20.0	10.0	80.0	60.0	40.0	0	0	10.0	20.0	40.0	0
AK	12.9	0	80.6	16.1	54.8	0	9.7	6.5	0	32.3	9.7
AR	14.3	0	71.4	42.9	50.0	0	0	0	0	28.6	14.3
AZ	14.7	11.8	67.6	52.9	36.4	0	2.9	0	2.9	8.8	2.9
CA	14.3	4.8	85.7	40.0	38.1	0	0	9.5	19.0	20.0	4.8
CO	11.4	8.6	67.6	29.4	42.9	0	2.9	0	14.3	34.3	0
CT	31.8	4.8	61.9	42.9	36.4	0	0	0	14.3	14.3	0
DE	7.1	21.4	76.9	64.3	21.4	0	0	7.7	0	0	0
DC	20.0	18.2	63.6	18.2	27.3	0	0	0	0	18.2	0
FL	33.3	0	66.7	66.7	0	11.1	0	0	11.1	0	0
GA	7.1	0	78.6	35.7	21.4	0	0	7.1	28.6	50.0	0
HI	38.5	7.7	61.5	84.6	23.1	0	7.7	7.7	0	7.7	15.4
ID	3.5	3.5	82.8	42.1	37.9	1.8	3.5	0	5.3	42.1	3.5
IL	0	0	80.0	80.0	0	0	0	0	0	0	0
IN	0	27.3	63.6	63.6	27.3	0	0	0	0	9.1	0
IA	16.7	33.3	66.7	33.3	16.7	0	0	0	0	0	0
KS	5.9	0	76.5	47.1	61.1	0	0	0	0	5.9	5.9
KY	13.3	6.7	62.5	37.5	25.0	13.3	0	0	6.7	25.0	0
LA	20.0	0	80.0	60.0	80.0	0	0	20.0	20.0	0	0
ME	33.3	0	33.3	0	66.7	0	33.3	0	0	0	0
MD	21.1	15.8	73.7	21.1	36.8	0	0	0	5.3	15.8	0
MA	9.1	9.1	72.7	63.6	9.1	0	0	0	0	36.4	9.1
MI	11.1	0	60.0	50.0	22.2	0	0	11.1	0	0	0
MN	0	12.5	87.5	25.0	12.5	0	0	0	12.5	12.5	0
MS	0	0	100.0	50.0	28.6	14.3	0	14.3	0	28.6	0
MO	0	14.3	100.0	53.3	21.4	0	0	0	0	21.4	6.7
MT	3.9	0	76.9	42.3	51.9	2.0	0	0	7.8	23.5	2.0
NE	16.7	0	77.8	22.2	33.3	0	0	0	11.1	0	5.6
NV	6.9	0	82.8	43.3	31.0	0	0	3.4	6.9	33.3	3.4
NH	9.1	0	80.0	40.0	40.0	0	0	0	0	10.0	0
NJ	13.6	4.5	77.3	63.6	0	0	0	13.0	4.5	31.8	13.0
NM	0	5.0	61.9	33.3	55.0	9.5	4.8	0	5.0	14.3	14.3
NY	8.3	0	83.3	27.3	16.7	0	0	0	0	16.7	8.3
NC	22.2	10.0	50.0	10.0	40.0	0	0	10.0	10.0	60.0	0
ND	20.0	0	80.0	40.0	60.0	0	0	0	40.0	20.0	0
OH	38.5	0	76.9	38.5	30.8	0	0	0	0	15.4	0
OK	0	0	100.0	63.6	36.4	0	0	9.1	0	18.2	27.3
OR	7.3	0	82.9	46.3	29.3	0	2.4	2.4	12.2	51.2	14.6
PA	23.8	19.0	61.9	19.0	42.9	0	0	4.8	4.8	0	0
RI	10.0	10.0	70.0	72.7	30.0	0	0	10.0	30.0	27.3	0
SC	0	0	90.9	9.1	30.0	9.1	0	0	0	30.0	0
SD	0	0	83.3	16.7	16.7	16.7	0	16.7	16.7	16.7	0
TN	22.2	0	88.9	22.2	33.3	0	11.1	0	11.1	33.3	0
TX	15.4	7.1	84.6	57.1	35.7	7.1	7.1	0	15.4	15.4	0
UT	12.9	3.3	76.7	50.0	38.7	0	3.3	6.7	6.7	32.3	3.3
VT	0	0	100.0	0	25.0	0	0	0	0	12.5	0
VA	7.1	0	50.0	50.0	80.0	0	0	0	20.0	0	0
WA	7.1	7.1	85.7	57.1	28.6	0	0	7.1	14.3	10.7	7.1
WV	3.8	3.8	80.8	69.2	24.0	0	3.8	11.5	11.5	46.2	0
WI	12.5	12.5	62.5	37.5	50.0	12.5	0	0	0	12.5	0
WY	21.9	0	71.9	34.4	62.5	3.1	3.1	3.1	12.9	31.3	0

Table D.2e Percent of Boating Activities on Pontoon Boats by State

	Type of Activity										
	Cruising using engine	Sailing	Paddling	Swimming or diving off boat	Recreational Fishing	Fishing Tournament	Hunting	Racing	Waterskiing or Tubing	Whitewater Sports	Other
AL	85.7	1.4	2.9	50.7	60.9	0	0	0	30.0	0	1.4
AK	33.3	16.7	33.3	50.0	66.7	0	0	0	16.7	0	16.7
AR	83.1	6.8	0	69.5	39.0	1.7	1.7	0	42.4	0	3.4
AZ	83.3	3.4	3.4	55.2	65.5	3.4	0	0	26.7	0	3.4
CA	73.3	0	0	71.4	50.0	0	0	0	20.0	0	7.1
CO	77.8	3.7	11.1	59.3	77.8	3.7	0	0	37.0	0	3.7
CT	80.0	0	0	33.3	80.0	0	0	0	20.0	0	0
DE	74.1	11.1	0	50.0	80.8	0	0	0	22.2	0	11.1
DC	72.7	18.2	18.2	18.2	18.2	0	0	0	18.2	0	0
FL	66.7	0	10.3	33.3	73.3	3.3	0	0	16.7	0	3.3
GA	78.4	2.0	3.8	39.2	67.3	2.0	2.0	0	25.5	2.0	3.8
HI	100.0	0	0	100.0	25.0	0	0	0	0	0	25.0
ID	58.3	0	24.0	36.0	70.8	8.0	4.0	0	12.5	12.5	0
IL	89.4	2.1	2.1	51.1	45.7	2.1	2.1	0	29.8	0	2.1
IN	84.8	0	0	50.0	57.4	2.2	0	0	19.1	2.2	0
IA	88.6	0	5.7	32.4	38.2	0	0	0	20.0	0	2.9
KS	66.7	2.2	0	44.4	64.4	0	0	0	33.3	0	0
KY	64.6	5.1	1.3	50.6	65.4	5.1	1.3	1.3	26.6	0	3.8
LA	94.1	5.9	0	58.8	82.4	5.9	11.8	0	29.4	0	5.9
ME	70.6	11.8	11.8	47.1	52.9	0	5.9	5.9	17.6	0	0
MD	77.8	0	0	42.1	73.7	0	0	0	26.3	5.6	0
MA	100.0	0	0	66.7	41.7	0	0	8.3	33.3	0	0
MI	86.4	1.5	6.0	65.2	69.7	9.1	3.0	0	21.2	3.0	0
MN	83.1	0	1.5	38.5	60.0	0	1.5	0	15.4	0	0
MS	91.4	2.9	2.9	44.1	42.9	0	0	2.9	38.2	0	2.9
MO	84.6	0	3.8	69.2	56.6	1.9	0	0	35.8	0	3.8
MT	80.8	0	0	44.0	56.0	0	3.8	0	19.2	0	7.7
NE	75.7	2.7	13.5	29.7	64.9	2.7	0	0	13.5	0	0
NV	73.1	0	7.7	53.8	76.9	7.7	0	0	19.2	3.8	3.8
NH	87.0	0	4.3	60.9	60.9	0	0	0	17.4	0	0
NJ	83.3	9.1	0	16.7	81.8	0	0	0	16.7	0	0
NM	61.1	0	8.3	30.6	80.6	2.8	0	0	33.3	2.9	0
NY	83.3	4.3	0	39.1	54.2	4.3	0	4.3	16.7	0	13.0
NC	68.4	0	13.2	28.9	60.5	2.6	2.6	0	13.2	2.6	5.3
ND	73.9	8.7	6.5	47.8	44.4	0	2.2	2.2	15.6	0	2.2
OH	82.9	8.6	11.4	40.0	45.7	8.6	0	2.9	20.0	0	2.9
OK	92.1	0	2.6	63.2	92.1	7.9	2.6	0	42.1	0	5.3
OR	57.1	14.3	28.6	28.6	42.9	0.0	28.6	0	28.6	0	0
PA	57.7	11.1	11.1	29.6	53.8	7.4	0	0	15.4	0	3.7
RI	100.0	0	0	100.0	0	0	0	0	0	0	0
SC	78.4	4.1	2.7	45.9	63.5	5.4	1.4	0	29.7	0	0
SD	91.7	0	0	58.3	91.7	8.3	0	0	66.7	0	0
TN	77.4	1.6	3.2	66.1	62.9	1.6	3.2	0	35.5	0	4.8
TX	75.0	3.6	0	48.1	71.4	0	7.1	0	28.6	0	3.6
UT	40.0	6.7	37.5	25.0	93.3	18.8	0	0	6.3	0	0
VT	100.0	11.1	11.1	77.8	55.6	0	0	0	33.3	0	11.1
VA	91.7	0	4.2	54.2	40.0	0	0	0	20.8	0	0
WA	33.3	0	33.3	0	66.7	16.7	0	0	0	16.7	0
WV	84.1	1.6	1.6	59.7	63.5	3.2	1.6	1.6	25.4	1.6	0
WI	86.0	2.0	2.0	45.1	66.7	7.8	0	0	17.6	0	0
WY	55.0	5.3	5.3	50.0	85.0	5.0	0	0	20.0	0	5.3

Table D.2f Percent of Boating Activities on Houseboats by State

	Type of Activity										
	Cruising using engine	Sailing	Paddling	Swimming or diving off boat	Recreational Fishing	Fishing Tournament	Hunting	Racing	Waterskiing or Tubing	Whitewater Sports	Other
AL	100.0	0	0	100.0	0	0	0	0	100.0	0	0
AK	0	0	0	0	0	0	0	0	0	0	0
AR	60.0	0	0	50.0	30.0	0	0	0	30.0	0	0
AZ	70.0	0	10.0	50.0	80.0	0	0	0	45.5	0	10.0
CA	75.0	0	0	75.0	75.0	0	0	0	25.0	0	25.0
CO	54.5	27.3	0	81.8	63.6	10.0	0	0	63.6	10.0	0
CT	75.0	0	0	100.0	100.0	0	0	0	0	0	0
DE	50.0	0	0	50.0	50.0	0	0	0	50.0	50.0	0
DC	100.0	0	0	0	0	0	0	0	0	0	0
FL	0	0	0	0	0	0	0	0	0	0	0
GA	60.0	20.0	0	60.0	50.0	0	20.0	0	20.0	0	50.0
HI	100.0	0	0	100.0	100.0	0	0	0	100.0	0	0
ID	100.0	0	0	100.0	100.0	0	0	0	0	0	0
IL	80.0	0	0	80.0	0	20.0	50.0	20.0	0	0	0
IN	78.6	7.1	0	40.0	46.7	0	7.1	0	40.0	0	0
IA	75.0	0	0	50.0	25.0	0	0	0	25.0	0	25.0
KS	100.0	0	0	83.3	33.3	0	0	16.7	16.7	0	16.7
KY	73.3	6.7	0	53.3	26.7	0	0	0	6.7	0	20.0
LA	0	0	0	0	0	0	0	0	0	0	0
ME	0	0	0	0	100.0	0	0	0	0	0	0
MD	100.0	0	0	0	0	0	0	0	0	0	0
MA	100.0	100.0	0	100.0	0	0	0	0	0	0	0
MI	100.0	0	0	100.0	0	0	0	0	0	0	0
MN	100.0	0	0	0	33.3	0	0	0	0	0	0
MS	100.0	0	33.3	33.3	66.7	0	0	0	33.3	0	0
MO	66.7	0	0	100.0	33.3	0	66.7	66.7	33.3	0	0
MT	100.0	0	0	100.0	33.3	0	0	0	33.3	0	0
NE	50.0	50.0	0	50.0	50.0	0	0	0	0	0	0
NV	83.3	0	0	66.7	66.7	0	0	0	16.7	0	16.7
NH	0	0	0	0	0	0	0	0	0	0	0
NJ	100.0	0	0	0	0	0	0	0	0	0	0
NM	87.5	12.5	0	55.6	55.6	0	11.1	0	33.3	12.5	0
NY	50.0	0	0	25.0	50.0	0	0	0	0	0	0
NC	50.0	0	50.0	100.0	100.0	0	0	0	0	0	0
ND	100.0	0	0	0	0	0	0	0	0	0	50.0
OH	83.3	50.0	0	83.3	50.0	16.7	16.7	16.7	16.7	0	0
OK	66.7	0	0	100.0	66.7	33.3	0	0	66.7	33.3	0
OR	0	0	0	0	0	0	0	0	0	0	0
PA	60.0	0	0	40.0	25.0	25.0	0	0	20.0	0	20.0
RI	100.0	0	0	100.0	0	0	0	0	0	0	0
SC	66.7	20.0	0	66.7	40.0	0	0	0	0	0	16.7
SD	0	0	0	0	0	0	0	0	0	0	0
TN	80.0	9.1	0	60.0	20.0	9.1	0	0	0	0	20.0
TX	100.0	0	0	100.0	0	0	0	0	0	0	0
UT	55.6	11.1	0	55.6	44.4	0	0	0	30.0	0	11.1
VT	0	0	0	0	0	0	0	0	0	0	0
VA	100.0	0	0	0	0	0	0	0	0	0	0
WA	100.0	0	0	100.0	100.0	0	0	0	0	0	0
WV	50.0	0	0	25.0	50.0	0	0	0	0	0	25.0
WI	100.0	0	0	100.0	0	0	0	0	0	0	0
WY	50.0	0	0	25.0	25.0	25.0	0	0	25.0	0	0

Table D.2g Percent of Boating Activities on Sailboats with Auxiliary Motors by State

	Type of Activity										
	Cruising using engine	Sailing	Paddling	Swimming or diving off boat	Recreational Fishing	Fishing Tournament	Hunting	Racing	Waterskiing or Tubing	Whitewater Sports	Other
AL	0	100.0	0	20.0	0	0	0	20.0	0	0	0
AK	45.5	90.9	18.2	0	36.4	9.1	9.1	0	0	0	9.1
AR	100.0	50.0	0	0	0	0	0	0	0	0	0
AZ	36.4	100.0	0	50.0	45.5	0	0	0	0	0	9.1
CA	32.1	100.0	0	17.2	14.3	0	0	13.8	3.4	0	0
CO	20.0	100.0	0	0	0	0	0	0	0	0	0
CT	42.4	93.8	3.1	30.3	18.2	3.1	0	24.2	9.1	3.1	3.0
DE	55.6	100.0	0	33.3	22.2	0	0	0	0	0	0
DC	28.0	92.3	3.8	16.0	3.8	0	0	15.4	0	0	0
FL	53.3	93.3	0	33.3	13.3	0	0	20.0	0	0	6.7
GA	57.1	71.4	14.3	42.9	42.9	0	0	14.3	0	0	0
HI	57.1	100.0	0	57.1	85.7	14.3	0	57.1	0	0	14.3
ID	50.0	100.0	0	50.0	25.0	0	0	25.0	0	0	25.0
IL	50.0	100.0	0	12.5	0	0	0	12.5	0	0	0
IN	75.0	100.0	0	0	0	0	0	0	0	0	0
IA	0	100.0	0	33.3	0	0	0	0	0	0	0
KS	16.7	100.0	0	16.7	0	0	0	16.7	0	0	0
KY	100.0	100.0	0	0	0	0	0	100.0	0	0	0
LA	75.0	100.0	25.0	50.0	25.0	0	0	0	0	0	0
ME	30.8	92.3	0	23.1	23.1	0	0	0	0	0	0
MD	40.6	96.8	0	25.0	6.5	0	0	15.6	3.2	0	0
MA	27.3	95.2	0	28.6	18.2	0	0	9.5	4.8	0	0
MI	35.7	100.0	0	30.8	0	0	0	21.4	0	0	0
MN	33.3	66.7	0	0	33.3	0	0	0	33.3	33.3	0
MS	42.9	100.0	0	42.9	28.6	14.3	14.3	14.3	0	0	0
MO	40.0	100.0	0	60.0	20.0	0	0	20.0	20.0	0	0
MT	20.0	100.0	0	60.0	0	0	0	40.0	0	0	0
NE	20.0	80.0	0	20.0	0	0	0	0	0	0	0
NV	44.4	100.0	11.1	22.2	11.1	0	0	22.2	11.1	0	0
NH	44.4	100.0	12.5	25.0	0	0	0	0	0	0	0
NJ	63.6	100.0	0	31.8	4.5	0	0	4.5	0	0	4.5
NM	54.5	100.0	0	72.7	45.5	0	0	9.1	0	0	10.0
NY	31.3	100.0	6.3	25.0	12.5	0	0	25.0	6.3	0	6.3
NC	60.0	77.8	10.0	20.0	10.0	0	0	11.1	10.0	0	0
ND	0	75.0	0	50.0	25.0	0	0	0	25.0	0	0
OH	40.0	100.0	0	20.0	25.0	0	0	0	0	0	20.0
OK	33.3	100.0	0	0	0	0	0	0	0	0	33.3
OR	46.7	100.0	0	13.3	33.3	0	0	13.3	0	0	0
PA	55.6	87.5	0	22.2	33.3	0	0	11.1	0	0	0
RI	44.7	94.6	0	24.3	13.5	2.7	0	15.8	0	0	0
SC	30.8	83.3	8.3	61.5	33.3	0	8.3	16.7	8.3	0	8.3
SD	0	100.0	0	100.0	0	0	0	100.0	0	0	0
TN	33.3	66.7	0	0	33.3	0	0	0	0	0	0
TX	42.9	100.0	0	71.4	16.7	0	0	16.7	0	0	0
UT	33.3	83.3	0	16.7	33.3	0	0	14.3	16.7	0	0
VT	37.5	100.0	0	62.5	12.5	0	0	12.5	0	0	12.5
VA	25.0	91.7	8.3	25.0	0	8.3	0	0	0	0	0
WA	36.0	100.0	4.0	12.0	4.0	0	0	16.0	0	0	8.0
WV	40.0	72.7	0	18.2	18.2	0	0	0	0	0	0
WI	40.0	100.0	0	25.0	40.0	0	0	25.0	0	0	0
WY	100.0	100.0	0	50.0	50.0	0	0	0	0	0	0

Table D.2h Percent of Boating Activities on Sail-Only Sailboats by State

	Type of Activity										
	Cruising using engine	Sailing	Paddling	Swimming or diving off boat	Recreational Fishing	Fishing Tournament	Hunting	Racing	Waterskiing or Tubing	Whitewater Sports	Other
AL	0	85.7	0	28.6	0	0	0	28.6	14.3	0	0
AK	0	66.7	0	0	0	0	0	0	0	0	0
AR	0	100.0	0	33.3	66.7	0	0	0	0	0	0
AZ	0	100.0	23.1	8.3	0	0	0	30.8	0	0	0
CA	8.3	100.0	0	0	8.3	0	0	16.7	8.3	0	0
CO	18.2	81.8	10.0	10.0	27.3	0	0	10.0	9.1	0	0
CT	19.0	85.7	14.3	19.0	14.3	4.8	0	19.0	0	0	0
DE	13.6	86.4	4.5	13.6	18.2	0	0	4.5	0	4.5	0
DC	14.3	88.6	5.7	20.0	8.6	0	0	11.4	0	0	0
FL	28.6	100.0	0	57.1	42.9	0	0	0	0	0	0
GA	0	100.0	14.3	50.0	28.6	0	0	28.6	0	0	0
HI	0	100.0	12.5	62.5	37.5	0	0	25.0	0	12.5	25.0
ID	0	66.7	33.3	33.3	0	0	0	0	0	0	0
IL	16.7	83.3	0	33.3	16.7	0	0	14.3	0	0	0
IN	0	100.0	37.5	37.5	12.5	0	0	12.5	0	0	0
IA	12.5	75.0	12.5	12.5	12.5	0	0	12.5	12.5	0	0
KS	0	100.0	0	0	0	0	0	0	0	0	0
KY	20.0	100.0	0	20.0	20.0	0	0	0	0	0	0
LA	0	100.0	100.0	100.0	0	0	0	0	0	0	0
ME	0	100.0	25.0	11.1	0	0	0	0	0	0	11.1
MD	20.0	94.7	20.0	30.0	5.3	5.3	0	5.3	5.3	5.3	0
MA	14.8	96.4	3.6	10.3	0	0	0	10.3	0	0	0
MI	0	100.0	0	27.3	41.7	0	0	41.7	0	0	0
MN	0	75.0	25.0	25.0	25.0	0	0	0	0	0	0
MS	25.0	100.0	0	50.0	50.0	0	0	50.0	25.0	0	0
MO	0	100.0	50.0	100.0	50.0	0	0	0	50.0	50.0	0
MT	50.0	100.0	0	50.0	50.0	0	0	50.0	0	0	0
NE	0	100.0	0	0	0	0	0	50.0	0	0	0
NV	0	100.0	14.3	14.3	0	0	0	0	0	0	0
NH	9.1	81.8	9.1	27.3	27.3	0	0	0	0	0	0
NJ	7.1	92.9	0	42.9	28.6	7.1	0	33.3	0	0	0
NM	14.3	62.5	0	14.3	0	0	0	14.3	14.3	0	0
NY	5.6	100.0	5.6	11.1	11.1	0	0	5.3	0	5.6	0
NC	28.6	100.0	0	28.6	14.3	0	0	12.5	0	0	0
ND	0	100.0	0	100.0	33.3	0	0	0	0	0	0
OH	14.3	85.7	14.3	14.3	37.5	0	0	37.5	0	0	0
OK	0	100.0	0	33.3	0	0	0	0	0	0	0
OR	0	100.0	14.3	28.6	0	0	0	0	0	0	0
PA	30.8	100.0	23.1	30.8	8.3	8.3	8.3	30.8	8.3	8.3	0
RI	9.4	100.0	0	28.1	0	0	0	30.3	0	0	9.4
SC	0	100.0	0	40.0	20.0	0	0	0	0	0	0
SD	0	100.0	0	50.0	0	0	0	50.0	0	0	0
TN	0	88.9	50.0	33.3	11.1	0	0	0	0	0	0
TX	16.7	60.0	0	20.0	60.0	16.7	0	20.0	20.0	0	0
UT	0	100.0	0	50.0	0	0	0	25.0	0	0	0
VT	0	100.0	12.5	37.5	0	0	0	25.0	0	0	0
VA	14.3	100.0	7.7	64.3	46.2	0	0	0	0	0	0
WA	20.0	100.0	20.0	0	0	0	0	20.0	0	0	0
WV	75.0	66.7	33.3	75.0	33.3	0	0	25.0	0	0	0
WI	0	83.3	0	16.7	16.7	0	0	16.7	0	0	0
WY	0	100.0	0	33.3	33.3	0	0	14.3	0	0	0

Table D.2i Percent of Boating Activities on Open Motorboats by State

	Type of Activity										
	Cruising using engine	Sailing	Paddling	Swimming or diving off boat	Recreational Fishing	Fishing Tournament	Hunting	Racing	Waterskiing or Tubing	Whitewater Sports	Other
AL	42.4	1.7	2.5	19.5	78.8	14.0	4.7	0	27.5	0.4	0.4
AK	59.8	0	2.6	9.3	84.1	8.2	44.6	1.5	9.7	1.0	5.6
AR	40.2	2.7	4.0	22.3	78.6	18.2	14.7	2.2	25.0	1.8	1.8
AZ	55.4	3.0	3.0	30.5	66.1	6.0	0.6	1.2	48.2	2.4	2.4
CA	67.4	1.1	2.7	38.0	60.4	4.3	1.1	2.7	51.3	1.1	4.8
CO	61.9	1.9	2.5	36.6	66.5	3.1	1.9	1.9	56.5	2.5	1.2
CT	63.3	1.8	0.9	33.9	56.0	2.8	1.8	0.9	45.0	5.5	2.8
DE	48.9	2.2	4.3	22.3	79.1	10.8	7.2	0.7	20.0	2.9	3.6
DC	84.5	9.9	2.8	37.1	40.8	0	2.8	0	29.6	7.0	1.4
FL	54.8	1.6	1.6	30.3	78.2	11.2	1.6	0	26.6	3.2	2.1
GA	47.3	0	2.2	25.1	78.1	12.5	4.9	0.5	31.7	1.1	1.1
HI	66.7	4.4	6.7	57.8	80.0	17.8	4.4	4.4	33.3	0	4.4
ID	49.5	0	0.5	32.0	68.0	7.4	12.3	0.5	49.5	4.0	2.5
IL	50.8	0.6	3.3	26.9	76.2	9.9	6.6	0.6	31.5	0.6	1.1
IN	60.9	4.5	0.8	31.6	63.9	9.8	3.8	2.3	32.8	3.1	0.8
IA	51.1	0.4	2.2	19.8	68.7	5.7	6.6	0.4	37.4	0.9	2.2
KS	56.1	3.8	2.7	33.3	69.9	7.5	1.6	2.7	44.4	1.6	0.5
KY	51.3	0.5	3.7	34.4	70.9	18.5	5.3	0.5	32.8	0.5	1.1
LA	68.9	0.5	11.2	25.0	85.7	27.6	28.1	1.5	32.7	3.6	7.1
ME	66.1	0	1.2	28.1	73.7	5.4	1.2	0	36.3	1.2	2.4
MD	55.9	2.7	2.7	17.9	70.3	8.1	3.6	2.7	24.1	0	1.8
MA	73.0	5.1	6.6	36.5	67.2	11.7	0.7	2.2	26.8	2.2	4.3
MI	61.4	1.6	4.0	30.7	73.0	12.6	4.8	0.8	38.9	1.6	1.6
MN	47.3	0.8	1.2	19.5	83.6	5.1	5.9	0.4	34.0	0.4	0.8
MS	36.7	1.1	5.4	12.2	86.7	9.7	11.1	0	16.5	0.7	1.8
MO	48.2	1.0	3.6	30.5	71.6	19.8	4.1	0	36.5	2.0	2.0
MT	64.6	0.5	2.1	33.3	71.9	12.5	7.3	0.5	45.8	1.6	3.1
NE	50.9	1.8	0.9	29.7	75.2	7.7	2.2	0	43.7	2.7	0.4
NV	56.3	0.5	0.5	42.3	65.1	3.7	1.4	3.3	48.4	1.9	4.7
NH	65.4	0.8	3.8	36.2	52.3	11.5	3.1	0.8	46.2	3.8	3.1
NJ	63.9	4.9	2.5	32.0	68.9	9.0	2.5	2.5	29.5	1.6	2.5
NM	56.8	0	2.7	25.0	79.8	8.7	1.1	0.5	39.9	2.2	1.6
NY	67.8	1.8	4.1	32.2	67.8	6.4	1.2	1.2	33.9	0.6	4.7
NC	52.3	2.5	4.0	24.1	73.4	8.1	7.5	2.0	29.6	3.0	0.5
ND	40.2	1.5	1.5	20.3	87.1	11.4	1.5	1.1	35.8	0.4	3.0
OH	50.0	0.7	2.7	27.4	74.0	10.3	2.1	0	34.2	0.7	1.4
OK	69.7	0	4.5	44.7	79.5	23.5	6.1	5.3	49.2	0.8	2.3
OR	45.7	0.5	1.0	23.3	79.5	2.9	2.9	1.0	32.4	1.0	1.9
PA	53.1	1.4	2.1	24.1	79.3	6.2	5.5	0.7	34.5	2.8	0
RI	62.9	2.9	3.8	26.7	78.1	7.5	2.9	1.0	25.7	1.0	1.9
SC	51.0	3.1	3.1	25.3	75.4	17.9	9.2	0.5	33.5	1.0	2.6
SD	74.9	0.5	3.7	43.3	85.1	19.7	3.7	1.6	59.9	2.1	1.1
TN	43.5	0.9	4.5	26.9	74.4	16.6	7.6	1.3	31.1	1.8	0.9
TX	49.8	0.9	2.1	31.6	70.9	14.2	5.1	0.9	40.6	1.3	1.3
UT	56.7	0.6	0.6	36.0	56.4	3.5	3.5	1.7	66.9	3.5	4.1
VT	74.3	0	5.7	58.6	82.9	17.1	7.1	1.4	52.1	5.7	10.0
VA	53.8	4.8	5.5	26.0	71.9	6.9	1.4	0	27.6	2.1	0
WA	56.2	0	0.5	35.7	68.7	5.6	5.6	1.5	46.7	0.5	4.1
WV	46.1	2.1	4.3	29.8	79.4	12.1	5.0	0.7	34.0	2.8	2.8
WI	51.0	0.5	4.8	18.8	77.0	7.2	3.8	1.0	32.2	3.4	1.4
WY	49.3	1.5	0	24.8	87.4	9.7	1.5	1.5	40.6	1.4	0.5

Table D.2j Percent of Boating Activities on Cabin Motorboats by State

	Type of Activity										
	Cruising using engine	Sailing	Paddling	Swimming or diving off boat	Recreational Fishing	Fishing Tournament	Hunting	Racing	Waterskiing or Tubing	Whitewater Sports	Other
AL	78.9	0	0	36.8	57.9	10.5	0	0	21.1	0	5.3
AK	59.2	0	0	7.9	93.4	11.8	32.0	0	2.6	0	9.2
AR	50.0	0	0	25.0	25.0	0	25.0	0	25.0	0	0
AZ	90.0	0	0	70.0	50.0	0	0	5.0	50.0	0	4.8
CA	71.0	0	0	32.3	71.0	19.4	0	0	29.0	0	6.5
CO	78.6	0	0	50.0	35.7	7.1	0	0	50.0	0	7.1
CT	91.1	0	0	48.9	48.9	11.1	0	0	21.7	0	2.2
DE	62.0	0	0	24.0	74.0	10.2	0	0	16.0	2.0	2.0
DC	90.7	2.3	0	32.6	23.3	2.3	0	4.7	2.3	0	9.3
FL	74.6	3.2	3.2	51.6	66.1	7.9	0	0	12.7	0	1.6
GA	71.4	9.5	0	45.5	52.4	19.0	0	0	19.0	9.5	4.8
HI	78.9	5.3	5.3	68.4	94.7	31.6	5.3	0	10.5	0	5.3
ID	65.0	0	0	50.0	60.0	15.0	5.0	0	40.0	5.0	5.0
IL	88.5	3.8	0	26.9	38.5	3.8	0	0	23.1	0	0
IN	80.0	0	0	28.0	48.0	0	0	0	8.3	0	4.0
IA	87.5	12.5	0	0	25.0	0	12.5	0	25.0	0	0
KS	75.0	0	0	60.0	0	0	0	25.0	25.0	0	0
KY	80.0	6.7	0	46.7	43.8	6.7	0	0	25.0	0	20.0
LA	71.4	0	0	85.7	57.1	14.3	0	0	28.6	14.3	28.6
ME	90.3	0	0	20.0	45.2	0	0	0	16.1	0	6.5
MD	84.3	1.4	0	39.1	48.6	8.6	0	0	20.0	0	5.8
MA	84.6	0	0	33.3	66.7	7.9	0	0	10.5	0	5.3
MI	74.4	0	2.6	46.2	68.4	5.1	0	0	25.6	2.6	10.3
MN	66.7	0	0	70.0	77.8	10.0	0	0	22.2	0	0
MS	65.2	0	0	22.7	63.6	4.5	4.5	0	18.2	0	9.1
MO	100.0	0	0	52.9	23.5	0	0	5.9	5.9	0	0
MT	78.9	0	0	38.9	68.4	0	10.5	5.3	38.9	0	15.8
NE	85.7	0	0	50.0	25.0	0	0	0	50.0	0	0
NV	69.2	2.5	0	66.7	61.5	7.5	0	0	41.0	0	5.0
NH	86.2	10.3	10.3	55.2	37.9	10.3	0	0	20.7	0	6.9
NJ	83.9	0	0	39.3	58.9	7.3	0	0	16.1	0	1.8
NM	64.3	0	7.1	50.0	42.9	0	0	0	50.0	0	14.3
NY	84.2	0	0	44.8	47.4	5.2	1.8	1.8	15.8	1.8	3.5
NC	76.0	0	0	29.2	62.5	8.0	0	0	24.0	0	0
ND	83.3	0	0	50.0	50.0	0	0	0	66.7	0	0
OH	81.0	0	2.4	48.8	74.4	4.8	0	0	33.3	0	7.0
OK	100.0	0	0	80.0	20.0	0	0	0	60.0	0	0
OR	76.9	2.6	0	20.5	76.9	5.1	2.6	0	12.8	0	7.7
PA	81.3	6.3	0	37.5	50.0	6.3	0	6.3	37.5	6.3	12.5
RI	80.0	0	0	47.5	52.5	10.0	0	7.5	12.5	0	12.8
SC	76.0	3.8	0	44.0	61.5	3.8	0	0	12.0	0	3.8
SD	100.0	0	0	50.0	100.0	50.0	0	0	50.0	0	0
TN	100.0	0	0	54.5	36.4	0	0	0	18.2	0	9.1
TX	76.9	0	0	38.5	53.8	14.3	0	0	21.4	0	7.7
UT	58.8	3.0	0	52.9	57.6	0	0	0	69.7	6.1	2.9
VT	100.0	0	0	86.7	73.3	13.3	13.3	6.7	60.0	6.7	20.0
VA	68.6	2.9	5.9	20.0	54.3	5.9	0	0	22.9	0	0
WA	80.3	0	0	18.3	65.6	4.9	1.6	0	14.8	1.6	1.6
WV	83.3	0	0	62.5	66.7	4.2	0	4.3	41.7	0	16.7
WI	76.9	0	0	50.0	50.0	7.1	0	0	0	0	0
WY	62.5	0	0	30.4	95.8	8.7	4.2	0	33.3	0	4.3

Table D.2k Percent of Boating Activities on Personal Watercraft by State

	Type of Activity										
	Cruising using engine	Sailing	Paddling	Swimming or diving off boat	Recreational Fishing	Fishing Tournament	Hunting	Racing	Waterskiing or Tubing	Whitewater Sports	Other
AL	86.0	2.3	4.7	27.9	16.3	0	0	9.3	55.8	7.0	0
AK	88.5	3.8	7.7	15.4	15.4	0	0	23.1	65.4	15.4	0
AR	67.3	6.1	0	16.3	14.3	0	0	10.2	46.9	2.0	0
AZ	86.1	0	5.1	29.1	17.7	1.3	1.3	17.7	46.8	6.3	1.3
CA	91.5	2.8	8.3	34.7	6.9	0	0	27.8	48.6	2.8	5.6
CO	83.9	1.8	1.8	14.5	9.1	1.8	0	16.4	47.3	1.8	0
CT	66.7	0	0	36.7	16.7	0	3.3	20.0	46.7	0	0
DE	76.1	2.2	2.2	6.5	13.0	2.2	0	36.2	34.8	6.5	2.2
DC	70.5	4.5	4.5	27.3	15.9	0	0	11.4	18.2	11.4	0
FL	83.6	8.2	13.1	31.7	19.7	1.6	1.6	21.7	47.5	6.7	8.2
GA	80.6	2.8	2.8	26.4	15.5	1.4	0	14.1	42.3	8.5	2.8
HI	78.3	0	13.0	30.4	30.4	0	0	34.8	56.5	13.0	8.7
ID	82.1	1.5	0	26.5	2.9	0	0	17.6	58.8	6.0	2.9
IL	59.1	4.7	4.7	25.6	11.6	2.3	4.7	11.4	46.5	2.3	0
IN	71.7	2.2	13.0	47.8	17.4	2.2	0	15.2	41.3	2.2	0
IA	75.6	4.3	0	22.2	6.5	2.2	2.2	17.8	53.3	2.2	0
KS	79.3	3.6	6.1	28.0	13.4	0	0	13.3	45.1	4.9	0
KY	77.3	0	0	20.9	20.5	2.3	0	2.3	34.1	4.5	2.3
LA	84.2	5.3	5.3	21.1	10.5	0	0	42.1	26.3	5.3	0
ME	100.0	0	5.0	20.0	10.0	0	0	20.0	70.0	0	10.0
MD	59.5	2.7	2.7	26.3	21.6	0	0	7.9	42.1	2.7	0
MA	82.1	10.3	0	24.1	0	0	0	10.3	31.0	3.6	3.6
MI	77.8	0	0	16.7	5.6	0	0	19.4	22.2	8.3	2.8
MN	93.9	2.9	2.9	41.2	15.2	0	2.9	17.6	58.8	8.8	2.9
MS	77.1	5.7	2.9	26.5	11.4	2.9	2.9	20.6	50.0	8.6	2.9
MO	78.7	0	8.7	45.7	12.8	0	0	14.9	54.3	6.5	2.2
MT	79.4	1.6	3.1	34.4	22.2	3.1	1.6	14.1	54.7	3.1	3.1
NE	81.5	1.5	6.2	26.2	21.5	3.1	6.2	21.5	55.4	10.8	1.5
NV	88.2	0	1.2	27.4	12.9	0	1.2	12.9	45.2	3.5	2.4
NH	87.1	0	9.7	36.7	3.3	0	0	0	25.8	0	3.2
NJ	81.5	0	5.7	20.8	16.7	0	0	5.7	34.0	1.9	0
NM	88.1	4.8	3.6	19.0	13.1	0	0	18.1	41.7	9.5	1.2
NY	91.2	0	2.9	29.4	5.9	0	0	24.2	29.4	2.9	0
NC	81.4	6.8	0	28.8	8.6	1.7	0	5.2	32.8	8.5	1.7
ND	75.0	3.1	9.4	25.0	18.8	0	0	14.1	57.8	6.3	1.6
OH	83.3	0	1.9	27.8	3.7	0	0	14.8	44.4	5.7	1.9
OK	95.7	0	4.3	43.5	6.5	2.2	0	26.1	43.5	0	2.2
OR	78.4	0	5.4	37.8	10.8	0	0	27.0	43.2	10.8	8.1
PA	75.5	2.0	6.1	26.5	26.5	2.0	0	16.3	46.9	10.2	2.0
RI	71.1	6.4	8.7	29.8	23.4	0	2.2	28.3	37.0	6.5	0
SC	87.5	4.2	2.1	25.0	25.0	2.1	0	18.8	45.8	8.3	2.1
SD	97.1	0	0	31.4	5.7	2.9	2.9	34.3	62.9	2.9	0
TN	76.4	0	5.6	24.1	18.5	1.9	3.7	9.3	38.9	7.4	0
TX	82.6	1.2	5.8	25.6	24.4	2.3	2.3	10.5	48.8	7.0	0
UT	81.1	2.8	3.8	32.4	9.4	0.9	3.8	18.9	50.9	5.7	0.9
VT	100.0	0	10.0	30.0	0	0	0	20.0	30.0	0	0
VA	84.6	9.2	4.6	29.2	16.9	0	0	15.4	36.9	4.6	0
WA	82.9	0	11.4	30.6	13.9	0	0	20.0	55.6	8.6	0
WV	75.0	0	2.5	40.0	14.6	0	0	20.0	43.9	5.0	0
WI	81.3	0	6.3	34.4	18.8	6.3	3.1	15.6	59.4	6.3	0
WY	82.3	1.6	3.3	31.1	13.1	3.3	1.6	11.3	61.3	3.3	0

Table D.21 Percent of Boating Activities on Other Craft by State

	Type of Activity										
	Cruising using engine	Sailing	Paddling	Swimming or diving off boat	Recreational Fishing	Fishing Tournament	Hunting	Racing	Waterskiing or Tubing	Whitewater Sports	Other
AL	33.3	0	22.7	22.7	68.2	9.1	0	0	18.2	0	0
AK	38.9	5.6	11.1	11.1	88.9	11.1	44.4	5.6	0	5.6	16.7
AR	35.0	0	10.0	15.0	85.0	0	20.0	0	20.0	5.0	5.0
AZ	52.2	4.3	27.3	39.1	60.9	13.0	4.3	13.0	17.4	13.0	0
CA	50.0	0	20.0	50.0	40.0	0	0	0	50.0	0	10.0
CO	21.7	16.7	41.7	21.7	41.7	4.3	4.3	16.7	41.7	4.3	0
CT	10.0	10.0	20.0	10.0	30.0	0	0	0	27.3	0	0
DE	19.2	3.8	44.4	0	40.7	3.7	3.8	3.7	3.8	0	0
DC	25.0	0	43.8	12.5	56.3	12.5	0	0	12.5	0	0
FL	52.9	0	23.5	23.5	82.4	0.0	11.8	11.8	23.5	0	5.9
GA	45.5	0	9.5	31.8	68.2	9.1	4.8	0	14.3	0	0
HI	44.4	66.7	11.1	33.3	22.2	22.2	0	22.2	11.1	44.4	11.1
ID	22.7	9.5	19.0	23.8	71.4	14.3	9.5	4.8	38.1	19.0	9.5
IL	27.3	4.8	50.0	14.3	40.9	4.8	0	0	9.5	0	0
IN	28.6	0	35.7	21.4	46.4	10.7	3.7	7.1	11.1	0	0
IA	9.5	0	40.0	10.0	55.0	14.3	9.5	5.0	10.0	5.0	0
KS	31.3	6.3	47.1	23.5	82.4	0	5.9	0	6.3	0	0
KY	28.6	4.8	28.6	9.5	81.0	19.0	4.8	0	4.8	4.8	4.8
LA	52.6	0	36.8	31.6	57.9	5.3	21.1	0	26.3	0	10.5
ME	12.5	0	87.5	12.5	75.0	0	0	0	0	12.5	0
MD	27.3	9.1	41.7	27.3	72.7	9.1	0	0	0	0	0
MA	0	10.0	80.0	40.0	60.0	0	10.0	10.0	0	0	0
MI	11.1	11.1	44.4	0	55.6	11.1	0	11.1	11.1	0	0
MN	14.3	0	14.3	14.3	85.7	16.7	14.3	0	0	0	0
MS	21.4	7.1	50.0	7.1	76.9	14.3	14.3	14.3	7.1	7.1	0
MO	37.0	0	21.4	29.6	77.8	3.7	11.1	3.8	22.2	3.8	7.1
MT	18.8	6.3	31.3	12.5	68.8	6.3	0	0	12.5	0	6.3
NE	43.5	0	31.8	18.2	65.2	13.0	0	0	18.2	0	4.3
NV	63.6	36.4	9.1	18.2	45.5	27.3	9.1	0	9.1	9.1	0
NH	75.0	50.0	25.0	25.0	75.0	0	0	0	25.0	0	0
NJ	25.0	15.0	35.0	35.0	40.0	0	5.0	0	15.0	0	0
NM	31.6	15.0	35.0	15.0	68.4	5.3	0	5.0	15.8	5.3	0
NY	50.0	10.0	40.0	40.0	40.0	0	0	10.0	20.0	0	0
NC	42.9	0	35.7	21.4	42.9	6.7	0	0	21.4	0	7.1
ND	20.0	20.0	30.0	20.0	50.0	0	0	0	10.0	0	0
OH	41.2	5.9	44.4	29.4	44.4	0	5.9	0	35.3	23.5	0
OK	66.7	0	22.2	33.3	66.7	11.1	0	0	44.4	0	0
OR	22.2	5.6	44.4	42.1	57.9	0	5.6	15.8	27.8	11.1	5.6
PA	26.7	18.8	33.3	6.3	33.3	6.7	0	0	6.3	0	6.7
RI	62.5	0	12.5	50.0	62.5	12.5	0	12.5	37.5	37.5	0
SC	29.4	5.9	17.6	29.4	70.6	11.8	17.6	5.9	23.5	5.9	5.9
SD	45.5	0	45.5	45.5	27.3	9.1	18.2	0	45.5	9.1	27.3
TN	53.3	0	20.0	26.7	66.7	13.3	0	0	26.7	0	0
TX	47.8	4.3	21.7	30.4	52.2	8.7	4.3	4.3	21.7	0	8.7
UT	50.0	7.1	7.1	35.7	69.2	7.1	28.6	7.1	35.7	0	7.1
VT	14.3	14.3	71.4	28.6	0	0	0	0	0	0	0
VA	11.1	11.1	44.4	33.3	33.3	11.1	0	11.1	11.1	0	0
WA	46.7	13.3	33.3	46.7	33.3	6.7	0	6.7	40.0	0	13.3
WV	7.7	4.0	68.0	15.4	53.8	3.8	3.8	0	8.0	4.0	8.0
WI	35.7	13.3	21.4	42.9	64.3	6.7	6.7	0	20.0	0	0
WY	15.4	7.7	33.3	23.1	30.8	15.4	0	0	15.4	0	0

E. BOATING SAFETY KNOWLEDGE AND EXPERIENCE— STATE RESULTS

**Table E.1a Most Recent Boating Safety Course by State for Boat Operated
Most Often—Canoes**

	Most Recent Boating Safety Course					
	During the past year	1 to 2 years ago	3 to 5 years ago	6 to 9 years ago	10 or more years ago	Never
AL	1.6	11.3	4.8	3.2	11.3	67.7
AK	8.0	6.7	6.7	2.7	8.0	68.0
AR	1.3	2.5	0	2.5	8.8	85.0
AZ	7.1	4.8	2.4	4.8	11.9	69.0
CA	3.2	6.5	3.2	0	38.7	48.4
CO	0	5.3	5.3	6.7	9.3	73.3
CT	5.3	5.3	6.1	2.3	10.7	70.2
DE	1.1	4.3	10.8	1.1	14.0	68.8
DC	1.7	4.2	10.8	5.8	22.5	55.0
FL	3.3	3.3	6.6	1.6	18.0	67.2
GA	1.6	1.6	7.8	7.8	9.4	71.9
HI	3.5	3.5	5.3	0	10.5	77.2
ID	0	5.2	8.6	3.4	20.7	62.1
IL	2.1	1.0	3.1	2.1	12.5	79.2
IN	.9	3.6	5.4	3.6	9.9	76.6
IA	2.1	3.1	1.0	1.0	9.3	83.5
KS	3.9	1.3	3.9	5.3	6.6	78.9
KY	6.0	0	9.0	6.0	7.5	71.6
LA	0	0	13.6	0	4.5	81.8
ME	1.4	.7	2.1	2.1	15.6	78.0
MD	4.4	1.1	4.4	3.3	28.9	57.8
MA	4.0	4.0	10.0	6.0	24.0	52.0
MI	.9	6.4	5.5	3.7	20.2	63.3
MN	0	3.9	5.3	2.6	11.8	76.3
MS	3.7	5.6	3.7	1.9	5.6	79.6
MO	.9	.9	2.7	2.7	9.7	83.2
MT	0	0	4.0	4.0	20.0	72.0
NE	1.3	5.2	7.8	0	11.7	74.0
NV	3.0	6.1	6.1	3.0	21.2	60.6
NH	2.1	4.8	2.7	4.8	18.5	67.1
NJ	1.2	0	3.5	0	12.8	82.6
NM	7.9	1.6	4.8	4.8	14.3	66.7
NY	1.2	4.9	2.5	2.5	21.0	67.9
NC	2.1	2.1	10.5	2.1	13.7	69.5
ND	1.7	1.7	5.2	1.7	1.7	87.9
OH	2.7	.9	4.5	4.5	9.8	77.7
OK	0	5.9	8.8	2.9	11.8	70.6
OR	5.3	5.3	0	15.8	15.8	57.9
PA	4.0	3.0	2.0	6.0	9.0	76.0
RI	5.0	2.5	8.4	2.5	12.6	68.9
SC	6.1	4.1	4.1	4.1	14.3	67.3
SD	4.0	0	4.0	0	8.0	84.0
TN	4.9	3.3	3.3	3.3	9.8	75.4
TX	1.8	1.8	12.5	1.8	14.3	67.9
UT	0	0	6.5	3.2	17.7	72.6
VT	2.0	2.0	3.1	1.0	26.5	65.3
VA	0	8.4	2.8	3.7	11.2	73.8
WA	2.4	2.4	12.2	7.3	22.0	53.7
WV	5.1	3.8	2.6	3.8	11.5	73.1
WI	0	1.0	4.9	1.9	13.6	78.6
WY	3.6	0	4.8	2.4	21.4	67.9

Table E.1b Most Recent Boating Safety Course by State for Boat Operated Most Often —Kayaks

	Most Recent Boating Safety Course					
	During the past year	1 to 2 years ago	3 to 5 years ago	6 to 9 years ago	10 or more years ago	Never
AL	0	10.0	10.0	0	10.0	70.0
AK	12.5	9.4	18.8	3.1	9.4	46.9
AR	8.3	8.3	16.7	0	0	66.7
AZ	7.5	0	10.0	2.5	10.0	70.0
CA	4.7	1.6	1.6	1.6	9.4	81.3
CO	2.4	7.1	11.9	2.4	26.2	50.0
CT	6.1	6.1	12.2	12.2	12.2	51.0
DE	0	8.8	8.8	0	2.9	79.4
DC	2.3	2.3	14.0	5.8	16.3	59.3
FL	2.8	13.9	5.6	5.6	22.2	50.0
GA	0	0	8.3	4.2	20.8	66.7
HI	5.5	.9	10.0	1.8	11.8	70.0
ID	0	0	14.3	0	14.3	71.4
IL	9.5	0	9.5	0	19.0	61.9
IN	11.1	0	11.1	0	0	77.8
IA	0	27.3	18.2	9.1	9.1	36.4
KS	0	0	0	6.3	12.5	81.3
KY	0	0	0	14.3	28.6	57.1
LA	0	0	0	0	0	100.0
ME	7.2	5.8	4.3	8.7	8.7	65.2
MD	12.8	6.4	2.1	0	14.9	63.8
MA	2.5	2.5	7.5	15.0	27.5	45.0
MI	3.6	7.1	3.6	7.1	21.4	57.1
MN	0	0	0	0	16.7	83.3
MS	0	9.1	9.1	9.1	0	72.7
MO	0	0	0	12.5	0	87.5
MT	5.0	5.0	5.0	0	15.0	70.0
NE	0	7.1	0	0	7.1	85.7
NV	0	3.8	3.8	11.5	19.2	61.5
NH	3.5	5.3	5.3	0	14.0	71.9
NJ	0	0	9.3	7.0	14.0	69.8
NM	0	3.8	11.5	0	11.5	73.1
NY	3.7	1.9	3.7	0	20.4	70.4
NC	0	0	11.1	0	11.1	77.8
ND	0	0	0	12.5	6.3	81.3
OH	0	4.0	4.0	0	20.0	72.0
OK	20.0	0	0	0	20.0	60.0
OR	5.7	5.7	5.7	2.9	17.1	62.9
PA	2.6	2.6	5.3	2.6	15.8	71.1
RI	0	0	10.3	1.7	15.5	72.4
SC	0	7.7	7.7	0	19.2	65.4
SD	0	0	18.2	9.1	9.1	63.6
TN	0	0	7.1	0	7.1	85.7
TX	0	0	0	0	6.7	93.3
UT	9.1	0	4.5	9.1	9.1	68.2
VT	0	7.9	7.9	0	15.8	68.4
VA	0	0	14.8	3.7	18.5	63.0
WA	4.8	0	14.3	7.1	19.0	54.8
WV	7.1	0	7.1	0	7.1	78.6
WI	6.7	0	0	0	13.3	80.0
WY	5.6	5.6	5.6	0	5.6	77.8

Table E.1c Most Recent Boating Safety Course by State for Boat Operated Most Often —Rowboats

	Most Recent Boating Safety Course					
	During the past year	1 to 2 years ago	3 to 5 years ago	6 to 9 years ago	10 or more years ago	Never
AL	0	0	15.4	0	7.7	76.9
AK	4.3	8.7	8.7	4.3	13.0	60.9
AR	0	5.6	0	0	16.7	77.8
AZ	0	0	4.0	0	8.0	88.0
CA	0	6.3	6.3	0	18.8	68.8
CO	0	0	3.1	0	28.1	68.8
CT	0	0	5.9	0	5.9	88.2
DE	0	0	0	3.0	15.2	81.8
DC	5.3	5.3	13.2	5.3	7.9	63.2
FL	0	0	10.0	0	40.0	50.0
GA	0	9.5	0	0	4.8	85.7
HI	0	0	0	0	0	100.0
ID	0	13.3	0	6.7	13.3	66.7
IL	0	0	0	3.0	12.1	84.8
IN	0	0	0	1.9	11.1	87.0
IA	0	0	6.7	6.7	3.3	83.3
KS	2.9	0	2.9	0	2.9	91.2
KY	0	0	5.4	0	16.2	78.4
LA	0	0	0	0	40.0	60.0
ME	0	0	6.7	0	33.3	60.0
MD	2.8	0	2.8	2.8	11.1	80.6
MA	0	4.5	0	4.5	27.3	63.6
MI	0	5.1	2.6	5.1	23.1	64.1
MN	0	4.3	4.3	4.3	8.7	78.3
MS	4.2	0	12.5	0	12.5	70.8
MO	0	11.1	0	0	0	88.9
MT	4.5	0	4.5	13.6	0	77.3
NE	0	5.0	5.0	0	10.0	80.0
NV	0	11.1	0	0	22.2	66.7
NH	2.3	0	2.3	0	11.6	83.7
NJ	0	7.1	0	7.1	16.7	69.0
NM	0	0	23.8	0	4.8	71.4
NY	0	0	0	0	18.8	81.3
NC	0	0	5.6	5.6	0	88.9
ND	0	0	0	0	18.2	81.8
OH	0	0	2.9	0	14.7	82.4
OK	0	0	0	0	0	100.0
OR	0	2.1	4.2	4.2	12.5	77.1
PA	0	1.7	5.2	8.6	8.6	75.9
RI	0	0	0	7.1	10.7	82.1
SC	0	4.3	0	4.3	13.0	78.3
SD	0	0	14.3	0	14.3	71.4
TN	0	0	0	0	5.0	95.0
TX	0	9.1	9.1	0	18.2	63.6
UT	0	0	0	0	12.5	87.5
VT	0	0	7.7	0	23.1	69.2
VA	2.9	8.8	8.8	0	5.9	73.5
WA	2.5	0	5.0	2.5	20.0	70.0
WV	4.7	3.1	1.6	0	6.3	84.4
WI	0	0	2.9	2.9	5.7	88.6
WY	0	0	12.0	0	16.0	72.0

Table E.1d Most Recent Boating Safety Course by State for Boat Operated Most Often —Inflatables

	Most Recent Boating Safety Course					
	During the past year	1 to 2 years ago	3 to 5 years ago	6 to 9 years ago	10 or more years ago	Never
AL	0	10.0	0	10.0	0	80.0
AK	9.7	6.5	0	6.5	12.9	64.5
AR	0	0	0	0	7.1	92.9
AZ	0	0	0	2.9	29.4	67.6
CA	0	0	0	0	14.3	85.7
CO	0	8.6	8.6	11.4	8.6	62.9
CT	0	5.0	0	0	30.0	65.0
DE	0	0	7.1	0	7.1	85.7
DC	0	0	0	20.0	0	80.0
FL	0	11.1	11.1	0	22.2	55.6
GA	0	0	16.7	0	16.7	66.7
HI	15.4	0	0	0	23.1	61.5
ID	0	3.5	3.5	1.8	7.0	84.2
IL	0	0	0	0	0	100.0
IN	0	0	0	27.3	0	72.7
IA	0	0	0	0	0	100.0
KS	0	0	0	0	5.9	94.1
KY	6.7	0	0	0	13.3	80.0
LA	0	0	0	0	40.0	60.0
ME	0	0	0	0	0	100.0
MD	5.6	0	5.6	5.6	11.1	72.2
MA	11.1	11.1	33.3	0	0	44.4
MI	0	0	0	12.5	12.5	75.0
MN	0	0	0	0	0	100.0
MS	0	0	0	0	0	100.0
MO	0	0	0	0	6.7	93.3
MT	0	1.9	7.7	1.9	7.7	80.8
NE	0	0	0	5.9	0	94.1
NV	3.4	3.4	10.3	0	6.9	75.9
NH	0	0	0	0	0	100.0
NJ	0	0	13.6	0	4.5	81.8
NM	5.3	5.3	0	5.3	26.3	57.9
NY	0	8.3	0	0	8.3	83.3
NC	22.2	0	0	0	0	77.8
ND	20.0	0	0	20.0	0	60.0
OH	0	0	0	7.7	7.7	84.6
OK	0	0	18.2	0	0	81.8
OR	0	0	4.9	2.4	12.2	80.5
PA	0	4.8	0	0	0	95.2
RI	0	0	0	0	10.0	90.0
SC	0	0	10.0	0	10.0	80.0
SD	0	0	0	0	0	100.0
TN	12.5	0	12.5	0	37.5	37.5
TX	0	7.7	7.7	0	7.7	76.9
UT	3.3	0	6.7	3.3	3.3	83.3
VT	12.5	0	0	0	0	87.5
VA	0	0	28.6	0	0	71.4
WA	0	7.1	0	0	17.9	75.0
WV	0	4.0	4.0	4.0	0	88.0
WI	0	0	0	0	25.0	75.0
WY	3.1	3.1	0	3.1	6.3	84.4

Table E.1e Most Recent Boating Safety Course by State for Boat Operated Most Often —Pontoon Boats

	Most Recent Boating Safety Course					
	During the past year	1 to 2 years ago	3 to 5 years ago	6 to 9 years ago	10 or more years ago	Never
AL	4.5	13.6	10.6	3.0	15.2	53.0
AK	0	0	50.0	0	0	50.0
AR	1.7	6.9	3.4	1.7	12.1	74.1
AZ	3.4	3.4	3.4	3.4	17.2	69.0
CA	14.3	0	21.4	0	7.1	57.1
CO	0	3.7	7.4	0	22.2	66.7
CT	0	0	20.0	0	20.0	60.0
DE	3.6	3.6	14.3	7.1	32.1	39.3
DC	0	0	0	0	0	100.0
FL	10.3	3.4	6.9	17.2	20.7	41.4
GA	1.9	1.9	5.8	3.8	25.0	61.5
HI	0	25.0	0	25.0	0	50.0
ID	4.3	4.3	4.3	0	17.4	69.6
IL	4.3	4.3	8.7	0	10.9	71.7
IN	0	4.4	2.2	2.2	11.1	80.0
IA	0	0	2.9	0	11.4	85.7
KS	4.4	2.2	0	2.2	2.2	88.9
KY	2.6	3.8	3.8	6.4	11.5	71.8
LA	0	5.9	5.9	0	11.8	76.5
ME	0	0	0	11.1	16.7	72.2
MD	11.8	5.9	5.9	0	29.4	47.1
MA	10.0	0	10.0	0	20.0	60.0
MI	3.0	3.0	9.1	1.5	31.8	51.5
MN	0	3.1	1.5	0	12.3	83.1
MS	5.6	5.6	2.8	2.8	5.6	77.8
MO	0	1.9	5.7	1.9	17.0	73.6
MT	3.8	0	11.5	0	7.7	76.9
NE	2.7	0	8.1	2.7	8.1	78.4
NV	0	15.4	11.5	7.7	15.4	50.0
NH	9.1	0	0	4.5	18.2	68.2
NJ	0	0	9.1	0	36.4	54.5
NM	2.7	2.7	2.7	2.7	29.7	59.5
NY	0	4.5	4.5	4.5	22.7	63.6
NC	2.7	8.1	2.7	2.7	16.2	67.6
ND	2.2	0	8.9	0	4.4	84.4
OH	9.1	6.1	3.0	18.2	3.0	60.6
OK	2.6	2.6	2.6	0	13.2	78.9
OR	0	14.3	14.3	0	28.6	42.9
PA	7.1	3.6	17.9	3.6	7.1	60.7
RI	0	0	0	50.0	0	50.0
SC	4.1	2.7	9.6	4.1	11.0	68.5
SD	0	8.3	8.3	0	0	83.3
TN	1.6	4.8	0	4.8	12.9	75.8
TX	3.6	0	3.6	0	7.1	85.7
UT	6.7	0	6.7	0	0	86.7
VT	0	0	0	0	22.2	77.8
VA	0	4.2	12.5	0	4.2	79.2
WA	0	0	0	0	33.3	66.7
WV	0	3.2	9.7	1.6	9.7	75.8
WI	2.0	0	2.0	5.9	13.7	76.5
WY	0	5.3	21.1	0	5.3	68.4

Table E.1f Most Recent Boating Safety Course by State for Boat Operated Most Often —Houseboats

	Most Recent Boating Safety Course					
	During the past year	1 to 2 years ago	3 to 5 years ago	6 to 9 years ago	10 or more years ago	Never
AL	0	100.0	0	0	0	0
AK	0	0	0	0	0	0
AR	10.0	0	0	0	20.0	70.0
AZ	0	0	18.2	9.1	9.1	63.6
CA	0	0	0	0	0	100.0
CO	0	0	0	0	18.2	81.8
CT	0	0	25.0	0	0	75.0
DE	50.0	0	0	50.0	0	0
DC	0	0	50.0	0	50.0	0
FL	0	0	0	0	0	0
GA	0	40.0	0	0	0	60.0
HI	0	0	0	0	0	100.0
ID	0	0	0	0	100.0	0
IL	20.0	0	20.0	0	0	60.0
IN	0	0	14.3	0	7.1	78.6
IA	0	25.0	0	0	0	75.0
KS	0	14.3	14.3	0	14.3	57.1
KY	0	0	12.5	12.5	12.5	62.5
LA	0	0	0	0	0	0
ME	0	0	0	0	0	100.0
MD	0	0	100.0	0	0	0
MA	0	0	0	0	0	0
MI	0	0	100.0	0	0	0
MN	0	33.3	0	33.3	0	33.3
MS	0	0	33.3	0	0	66.7
MO	0	0	0	33.3	0	66.7
MT	0	0	0	0	0	100.0
NE	0	0	0	0	0	100.0
NV	16.7	33.3	16.7	0	0	33.3
NH	0	0	0	0	0	0
NJ	0	0	0	0	100.0	0
NM	0	25.0	12.5	0	12.5	50.0
NY	0	0	0	0	50.0	50.0
NC	0	0	0	0	0	100.0
ND	50.0	0	0	0	0	50.0
OH	0	16.7	0	0	0	83.3
OK	0	0	0	0	0	100.0
OR	0	0	0	0	0	100.0
PA	0	40.0	20.0	20.0	0	20.0
RI	0	0	0	0	100.0	0
SC	0	0	16.7	0	33.3	50.0
SD	0	0	0	0	0	0
TN	0	10.0	10.0	10.0	0	70.0
TX	0	0	0	0	100.0	0
UT	0	0	0	0	11.1	88.9
VT	0	0	0	0	0	0
VA	0	0	0	0	33.3	66.7
WA	0	0	0	0	100.0	0
WV	0	0	0	25.0	25.0	50.0
WI	0	0	0	0	0	100.0
WY	0	0	0	0	25.0	75.0

Table E.1g Most Recent Boating Safety Course by State for Boat Operated Most Often—Sailboats with Auxiliary Motors

	Most Recent Boating Safety Course					
	During the past year	1 to 2 years ago	3 to 5 years ago	6 to 9 years ago	10 or more years ago	Never
AL	0	0	40.0	0	60.0	0
AK	9.1	0	18.2	0	36.4	36.4
AR	0	0	0	0	50.0	50.0
AZ	0	9.1	0	9.1	36.4	45.5
CA	10.3	10.3	13.8	10.3	27.6	27.6
CO	0	0	25.0	25.0	25.0	25.0
CT	6.5	12.9	29.0	9.7	29.0	12.9
DE	0	0	33.3	11.1	33.3	22.2
DC	3.8	3.8	15.4	3.8	26.9	46.2
FL	6.7	6.7	0	20.0	26.7	40.0
GA	0	12.5	12.5	12.5	50.0	12.5
HI	0	0	0	0	42.9	57.1
ID	0	25.0	50.0	25.0	0	0
IL	0	12.5	12.5	25.0	25.0	25.0
IN	0	0	33.3	0	66.7	0
IA	33.3	0	33.3	0	0	33.3
KS	0	0	33.3	0	16.7	50.0
KY	0	0	0	0	0	100.0
LA	0	0	25.0	0	50.0	25.0
ME	0	7.7	23.1	0	38.5	30.8
MD	12.9	0	12.9	6.5	38.7	29.0
MA	0	11.8	17.6	11.8	47.1	11.8
MI	13.3	6.7	6.7	6.7	26.7	40.0
MN	0	0	33.3	0	0	66.7
MS	0	28.6	28.6	0	14.3	28.6
MO	0	20.0	20.0	0	20.0	40.0
MT	20.0	0	0	0	60.0	20.0
NE	16.7	0	0	0	0	83.3
NV	11.1	11.1	22.2	22.2	22.2	11.1
NH	22.2	11.1	22.2	11.1	33.3	0
NJ	4.8	4.8	19.0	4.8	23.8	42.9
NM	11.1	0	0	0	22.2	66.7
NY	6.3	6.3	0	12.5	43.8	31.3
NC	22.2	0	0	22.2	44.4	11.1
ND	0	0	0	25.0	25.0	50.0
OH	0	25.0	25.0	25.0	0	25.0
OK	33.3	33.3	0	0	0	33.3
OR	6.7	0	33.3	20.0	20.0	20.0
PA	33.3	11.1	11.1	0	22.2	22.2
RI	7.9	7.9	21.1	18.4	26.3	18.4
SC	7.7	23.1	30.8	0	30.8	7.7
SD	0	0	0	0	0	100.0
TN	0	0	33.3	0	0	66.7
TX	14.3	14.3	0	14.3	0	57.1
UT	0	0	33.3	0	16.7	50.0
VT	0	12.5	0	0	37.5	50.0
VA	0	9.1	0	9.1	54.5	27.3
WA	3.8	11.5	26.9	7.7	23.1	26.9
WV	0	10.0	10.0	10.0	30.0	40.0
WI	0	20.0	0	0	40.0	40.0
WY	0	0	50.0	0	0	50.0

Table E.1h Most Recent Boating Safety Course by State for Boat Operated Most Often—Sail-Only Sailboats

	Most Recent Boating Safety Course					
	During the past year	1 to 2 years ago	3 to 5 years ago	6 to 9 years ago	10 or more years ago	Never
AL	0	14.3	14.3	0	14.3	57.1
AK	33.3	33.3	0	0	0	33.3
AR	0	0	0	0	0	100.0
AZ	0	0	23.1	0	38.5	38.5
CA	9.1	9.1	0	9.1	45.5	27.3
CO	0	0	9.1	0	18.2	72.7
CT	0	19.0	4.8	0	28.6	47.6
DE	4.8	14.3	14.3	23.8	14.3	28.6
DC	8.6	11.4	31.4	0	17.1	31.4
FL	28.6	0	28.6	0	0	42.9
GA	0	0	0	14.3	14.3	71.4
HI	0	0	12.5	0	37.5	50.0
ID	0	0	0	0	100.0	0
IL	16.7	16.7	33.3	0	0	33.3
IN	0	0	0	0	0	100.0
IA	0	12.5	12.5	0	25.0	50.0
KS	0	33.3	33.3	0	0	33.3
KY	0	25.0	0	0	50.0	25.0
LA	0	0	100.0	0	0	0
ME	0	0	0	11.1	44.4	44.4
MD	0	21.1	0	0	15.8	63.2
MA	4.8	14.3	14.3	0	23.8	42.9
MI	0	0	9.1	0	54.5	36.4
MN	0	0	0	0	25.0	75.0
MS	25.0	0	0	0	50.0	25.0
MO	0	0	0	0	50.0	50.0
MT	0	0	0	0	50.0	50.0
NE	0	0	0	0	0	100.0
NV	0	0	14.3	0	42.9	42.9
NH	0	9.1	0	0	45.5	45.5
NJ	0	8.3	8.3	8.3	16.7	58.3
NM	14.3	0	14.3	0	42.9	28.6
NY	5.9	5.9	5.9	17.6	29.4	35.3
NC	0	0	37.5	0	12.5	50.0
ND	0	33.3	0	33.3	0	33.3
OH	0	0	0	0	57.1	42.9
OK	0	0	0	0	0	100.0
OR	14.3	14.3	42.9	0	0	28.6
PA	0	9.1	27.3	0	9.1	54.5
RI	9.4	0	18.8	3.1	15.6	53.1
SC	0	0	60.0	40.0	0	0
SD	0	0	50.0	0	0	50.0
TN	0	12.5	12.5	12.5	37.5	25.0
TX	0	40.0	0	0	0	60.0
UT	0	12.5	12.5	12.5	25.0	37.5
VT	0	25.0	0	0	25.0	50.0
VA	0	9.1	9.1	9.1	9.1	63.6
WA	20.0	0	20.0	20.0	40.0	0
WV	0	0	0	0	33.3	66.7
WI	7.7	7.7	7.7	0	7.7	69.2
WY	0	0	0	0	33.3	66.7

Table E.1i Most Recent Boating Safety Course by State for Boat Operated Most Often—Open Motorboats

	Most Recent Boating Safety Course					
	During the past year	1 to 2 years ago	3 to 5 years ago	6 to 9 years ago	10 or more years ago	Never
AL	2.6	11.7	17.7	5.2	7.8	55.0
AK	5.2	9.8	10.4	4.7	18.1	51.8
AR	.5	1.8	5.4	2.7	9.5	80.2
AZ	1.8	6.0	6.0	3.6	19.0	63.7
CA	4.4	3.8	8.2	5.5	15.9	62.1
CO	1.9	4.5	7.6	5.1	15.9	65.0
CT	1.9	8.4	21.5	8.4	23.4	36.4
DE	4.3	6.5	15.1	8.6	19.4	46.0
DC	1.4	11.3	7.0	4.2	22.5	53.5
FL	5.9	12.9	12.4	5.9	17.7	45.2
GA	1.1	3.8	9.3	2.7	10.4	72.7
HI	8.9	6.7	6.7	4.4	15.6	57.8
ID	.5	5.0	7.0	1.5	14.1	71.9
IL	1.7	2.8	6.2	2.2	18.0	69.1
IN	1.5	3.8	6.8	4.5	7.6	75.8
IA	.4	2.2	3.1	4.5	9.8	79.9
KS	1.1	3.2	3.2	2.7	9.1	80.6
KY	2.1	1.1	5.3	5.9	9.6	76.1
LA	2.1	4.1	7.2	2.6	10.3	73.8
ME	1.8	3.0	6.6	4.2	16.3	68.1
MD	0	6.3	14.4	5.4	24.3	49.5
MA	1.5	9.2	10.0	6.9	20.0	52.3
MI	1.6	5.6	7.1	5.6	23.8	56.3
MN	.4	1.6	2.0	2.7	9.4	84.0
MS	1.8	4.0	8.3	5.8	10.1	69.9
MO	1.0	6.2	5.7	3.6	10.4	73.1
MT	1.6	4.2	4.2	3.7	13.7	72.6
NE	3.7	2.8	3.7	2.8	8.3	78.8
NV	1.4	2.8	7.5	6.1	17.5	64.6
NH	9.3	7.0	7.8	6.2	14.0	55.8
NJ	4.1	8.2	17.2	7.4	27.9	35.2
NM	3.9	2.2	11.6	2.2	12.7	67.4
NY	5.9	5.3	11.2	5.3	31.2	41.2
NC	.5	2.6	9.2	3.6	16.3	67.9
ND	.7	4.1	5.2	.7	8.2	80.9
OH	3.4	3.4	5.5	4.8	12.4	70.3
OK	2.3	1.5	4.5	1.5	11.4	78.8
OR	5.8	16.9	7.2	4.3	19.3	46.4
PA	2.1	9.0	10.4	6.9	16.7	54.9
RI	4.8	3.8	9.6	4.8	15.4	61.5
SC	2.6	6.3	9.0	5.8	11.6	64.6
SD	1.1	1.6	2.7	1.1	4.3	89.4
TN	1.8	1.8	5.9	4.1	12.8	73.5
TX	2.6	1.7	8.2	3.4	15.9	68.1
UT	2.9	4.7	7.6	4.1	10.6	70.0
VT	0	4.3	5.7	5.7	20.0	64.3
VA	1.4	5.7	7.1	6.4	12.8	66.7
WA	1.6	8.8	6.7	4.1	19.7	59.1
WV	.7	2.2	7.2	4.3	14.5	71.0
WI	1.0	1.5	3.4	3.9	10.3	79.9
WY	1.5	2.0	2.5	3.4	12.3	78.3

Table E.1j Most Recent Boating Safety Course by State for Boat Operated Most Often—Cabin Motorboats

	Most Recent Boating Safety Course					
	During the past year	1 to 2 years ago	3 to 5 years ago	6 to 9 years ago	10 or more years ago	Never
AL	5.3	15.8	31.6	5.3	15.8	26.3
AK	13.5	6.8	20.3	12.2	16.2	31.1
AR	25.0	0	0	0	25.0	50.0
AZ	16.7	5.6	5.6	0	16.7	55.6
CA	0	12.1	12.1	12.1	27.3	36.4
CO	7.1	7.1	7.1	0	14.3	64.3
CT	4.5	18.2	25.0	9.1	29.5	13.6
DE	14.6	18.8	20.8	8.3	16.7	20.8
DC	9.3	25.6	18.6	9.3	30.2	7.0
FL	12.9	12.9	12.9	8.1	27.4	25.8
GA	4.5	4.5	9.1	4.5	9.1	68.2
HI	10.5	0	5.3	21.1	26.3	36.8
ID	0	15.8	0	10.5	15.8	57.9
IL	7.7	11.5	19.2	3.8	19.2	38.5
IN	8.0	8.0	20.0	12.0	24.0	28.0
IA	0	0	0	22.2	33.3	44.4
KS	0	0	0	0	0	100.0
KY	0	6.7	13.3	0	20.0	60.0
LA	14.3	14.3	0	0	14.3	57.1
ME	6.5	9.7	9.7	9.7	35.5	29.0
MD	2.9	5.9	19.1	13.2	26.5	32.4
MA	5.4	13.5	16.2	13.5	32.4	18.9
MI	2.6	7.7	17.9	2.6	41.0	28.2
MN	0	11.1	0	11.1	44.4	33.3
MS	4.8	14.3	23.8	0	14.3	42.9
MO	5.9	5.9	5.9	11.8	11.8	58.8
MT	0	10.5	5.3	10.5	21.1	52.6
NE	0	14.3	14.3	14.3	14.3	42.9
NV	2.6	5.1	5.1	10.3	28.2	48.7
NH	17.9	28.6	10.7	7.1	14.3	21.4
NJ	5.6	7.4	22.2	11.1	24.1	29.6
NM	0	0	7.1	7.1	21.4	64.3
NY	7.0	15.8	12.3	7.0	24.6	33.3
NC	0	16.0	8.0	16.0	24.0	36.0
ND	0	0	0	0	0	100.0
OH	0	7.1	11.9	9.5	26.2	45.2
OK	20.0	0	0	0	0	80.0
OR	5.3	23.7	21.1	7.9	15.8	26.3
PA	17.6	17.6	17.6	11.8	17.6	17.6
RI	5.1	7.7	20.5	7.7	20.5	38.5
SC	4.0	8.0	20.0	8.0	16.0	44.0
SD	0	0	50.0	0	0	50.0
TN	0	27.3	9.1	0	27.3	36.4
TX	7.1	0	14.3	7.1	14.3	57.1
UT	5.9	2.9	2.9	2.9	17.6	67.6
VT	6.7	0	6.7	0	26.7	60.0
VA	2.9	14.7	8.8	5.9	17.6	50.0
WA	6.7	6.7	18.3	11.7	28.3	28.3
WV	8.3	16.7	16.7	4.2	12.5	41.7
WI	0	14.3	14.3	7.1	21.4	42.9
WY	4.3	4.3	13.0	4.3	21.7	52.2

Table E.1k Most Recent Boating Safety Course by State for Boat Operated Most Often—Personal Watercraft

	Most Recent Boating Safety Course					
	During the past year	1 to 2 years ago	3 to 5 years ago	6 to 9 years ago	10 or more years ago	Never
AL	7.0	18.6	9.3	2.3	14.0	48.8
AK	3.8	3.8	0	3.8	7.7	80.8
AR	0	8.3	8.3	0	6.3	77.1
AZ	1.3	6.4	3.8	1.3	3.8	83.3
CA	0	1.4	4.2	5.6	5.6	83.1
CO	0	3.5	1.8	5.3	8.8	80.7
CT	0	27.6	10.3	0	0	62.1
DE	2.2	15.6	11.1	2.2	11.1	57.8
DC	6.7	4.4	4.4	4.4	4.4	75.6
FL	8.2	11.5	6.6	8.2	11.5	54.1
GA	4.3	7.1	8.6	4.3	8.6	67.1
HI	0	0	4.3	0	0	95.7
ID	0	4.4	7.4	2.9	8.8	76.5
IL	4.7	4.7	2.3	0	9.3	79.1
IN	0	2.2	4.4	2.2	6.7	84.4
IA	0	0	6.8	4.5	6.8	81.8
KS	0	3.6	8.4	0	6.0	81.9
KY	0	4.5	2.3	9.1	6.8	77.3
LA	0	15.8	0	0	5.3	78.9
ME	0	4.8	9.5	0	9.5	76.2
MD	0	2.7	5.4	8.1	13.5	70.3
MA	0	0	9.1	13.6	13.6	63.6
MI	0	0	5.6	8.3	16.7	69.4
MN	0	0	5.9	0	8.8	85.3
MS	5.7	11.4	5.7	2.9	5.7	68.6
MO	4.3	6.5	8.7	0	4.3	76.1
MT	1.6	1.6	1.6	6.3	11.1	77.8
NE	3.1	3.1	3.1	0	4.7	85.9
NV	1.2	3.5	4.7	0	10.6	80.0
NH	12.9	3.2	6.5	3.2	9.7	64.5
NJ	5.8	7.7	13.5	5.8	5.8	61.5
NM	3.5	10.6	3.5	4.7	5.9	71.8
NY	2.9	0	2.9	8.8	8.8	76.5
NC	1.7	5.2	1.7	1.7	10.3	79.3
ND	3.1	4.6	7.7	4.6	3.1	76.9
OH	1.8	1.8	7.3	1.8	7.3	80.0
OK	0	4.3	2.2	0	8.7	84.8
OR	10.8	10.8	2.7	2.7	2.7	70.3
PA	6.3	14.6	14.6	4.2	4.2	56.3
RI	2.2	4.3	13.0	8.7	0	71.7
SC	0	0	8.5	4.3	10.6	76.6
SD	0	2.9	5.7	2.9	0	88.6
TN	0	0	3.7	1.9	7.4	87.0
TX	3.6	4.8	8.4	2.4	6.0	74.7
UT	4.8	5.7	4.8	3.8	6.7	74.3
VT	0	10.0	20.0	0	0	70.0
VA	7.8	7.8	4.7	3.1	10.9	65.6
WA	2.8	0	2.8	2.8	8.3	83.3
WV	2.6	5.1	5.1	2.6	2.6	82.1
WI	0	15.6	9.4	6.3	6.3	62.5
WY	0	0	1.6	0	8.2	90.2

Table E.11 Most Recent Boating Safety Course by State for Boat Operated Most Often—Other Craft

	Most Recent Boating Safety Course					
	During the past year	1 to 2 years ago	3 to 5 years ago	6 to 9 years ago	10 or more years ago	Never
AL	0	13.6	4.5	0	4.5	77.3
AK	0	11.1	16.7	0	16.7	55.6
AR	0	0	0	0	20.0	80.0
AZ	0	0	8.7	0	21.7	69.6
CA	0	10.0	10.0	10.0	10.0	60.0
CO	0	0	8.3	8.3	8.3	75.0
CT	0	0	0	20.0	10.0	70.0
DE	4.0	0	4.0	0	4.0	88.0
DC	12.5	0	12.5	0	0	75.0
FL	0	5.9	11.8	0	11.8	70.6
GA	0	4.8	9.5	0	19.0	66.7
HI	0	11.1	22.2	0	44.4	22.2
ID	0	9.5	0	0	19.0	71.4
IL	0	0	14.3	0	0	85.7
IN	0	11.5	0	3.8	0	84.6
IA	0	0	0	5.0	5.0	90.0
KS	0	0	0	6.3	12.5	81.3
KY	0	0	0	0	0	100.0
LA	5.3	5.3	5.3	0	5.3	78.9
ME	0	0	0	0	12.5	87.5
MD	0	0	0	0	18.2	81.8
MA	0	0	0	0	20.0	80.0
MI	0	0	14.3	14.3	14.3	57.1
MN	0	0	0	0	28.6	71.4
MS	7.1	0	7.1	14.3	7.1	64.3
MO	7.4	3.7	3.7	0	14.8	70.4
MT	0	6.3	6.3	0	25.0	62.5
NE	0	9.1	0	0	4.5	86.4
NV	0	9.1	27.3	0	27.3	36.4
NH	0	0	0	75.0	0	25.0
NJ	0	5.9	17.6	0	23.5	52.9
NM	5.3	0	0	0	15.8	78.9
NY	11.1	11.1	0	0	22.2	55.6
NC	0	0	7.1	7.1	7.1	78.6
ND	0	0	0	10.0	10.0	80.0
OH	0	5.9	0	0	0	94.1
OK	0	0	0	11.1	11.1	77.8
OR	0	11.1	16.7	5.6	5.6	61.1
PA	0	0	18.8	0	6.3	75.0
RI	12.5	0	0	0	0	87.5
SC	0	5.9	0	5.9	0	88.2
SD	0	9.1	9.1	0	27.3	54.5
TN	6.7	6.7	6.7	0	0	80.0
TX	0	0	0	4.2	12.5	83.3
UT	14.3	14.3	0	14.3	7.1	50.0
VT	0	0	0	0	14.3	85.7
VA	0	0	0	0	0	100.0
WA	0	0	6.7	6.7	20.0	66.7
WV	0	0	3.8	0	15.4	80.8
WI	0	0	6.7	0	6.7	86.7
WY	0	0	0	0	7.7	92.3

F. PERSONAL FLOTATION DEVICES ON THE BOAT OPERATED MOST OFTEN—STATE RESULTS

Table F.1 Percentages for Number of Wearable PFDs or Life Jackets Usually Carried on Boat Operated Most Often by State

	PFDs Carried		
	Enough for every passenger, including yourself	Enough for some passengers, but not everyone	I did not carry any Personal Flotation Devices on board
AL	96.0	2.0	2.0
AK	96.2	2.2	1.6
AR	97.6	1.0	1.4
AZ	93.8	2.1	4.2
CA	95.0	3.2	1.8
CO	96.0	1.7	2.4
CT	96.7	2.1	1.2
DE	95.3	2.1	2.6
DC	95.6	1.4	3.1
FL	94.8	1.9	3.3
GA	96.1	2.2	1.7
HI	76.0	7.1	16.9
ID	95.2	2.5	2.4
IL	96.6	2.2	1.2
IN	93.9	3.7	2.4
IA	96.9	2.1	1.1
KS	93.8	2.3	3.8
KY	95.8	2.3	1.9
LA	97.6	.7	1.7
ME	97.6	1.6	.8
MD	95.2	.9	4.0
MA	94.7	1.7	3.6
MI	97.1	1.2	1.7
MN	98.6	.6	.8
MS	98.4	.5	1.1
MO	96.0	2.2	1.8
MT	96.3	2.2	1.6
NE	97.1	2.3	.6
NV	96.5	1.4	2.2
NH	96.7	2.0	1.3
NJ	94.0	2.1	3.9
NM	97.3	1.2	1.5
NY	95.2	2.1	2.7
NC	96.3	2.2	1.5
ND	97.6	1.0	1.4
OH	94.6	3.1	2.3
OK	96.6	2.0	1.3
OR	96.8	1.7	1.5
PA	96.5	1.1	2.3
RI	94.2	2.8	3.0
SC	97.5	1.3	1.2
SD	97.0	1.0	2.0
TN	97.1	2.2	.7
TX	97.2	1.2	1.6
UT	98.2	1.5	.3
VT	95.6	2.4	2.0
VA	95.0	2.3	2.7
WA	94.0	2.8	3.1
WV	96.6	1.6	1.8
WI	97.4	1.5	1.2
WY	97.4	1.3	1.3

Table F.2a Percent of Boat Operators who Carried Enough Wearable PFDs or Life Jackets for Every Passenger by State

	Type of Boat Operated Most Often											
	Canoe	Kayak	Row - boat	Inflat- able	Pontoon boat	House- boat	Sailboat (motor)	Sailboat (sail only)	Open motor- boat	Cabin motor- boat	Personal water- craft	Other craft
AL	88.7	90.0	100.0	90.0	100.0	100.0	100.0	85.7	98.7	100.0	85.7	95.5
AK	96.0	96.9	87.0	93.5	100.0	0	100.0	100.0	96.4	100.0	92.3	94.4
AR	100.0	92.3	88.9	71.4	98.3	100.0	100.0	100.0	99.1	100.0	97.9	95.0
AZ	93.0	87.5	84.0	73.5	100.0	100.0	100.0	100.0	98.1	94.7	96.1	90.9
CA	96.8	98.4	93.3	73.7	100.0	100.0	96.6	91.7	98.4	93.5	90.1	90.0
CO	100.0	95.2	94.1	88.6	100.0	90.0	100.0	100.0	98.1	100.0	100.0	78.3
CT	96.2	100.0	97.1	85.7	100.0	75.0	96.8	100.0	100.0	100.0	93.1	100.0
DE	94.5	97.1	81.8	69.2	100.0	100.0	100.0	100.0	98.5	100.0	97.8	96.2
DC	94.2	96.4	73.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	87.5
FL	95.2	73.5	100.0	66.7	96.7	0	100.0	100.0	99.5	100.0	93.4	76.5
GA	93.7	95.8	95.2	92.9	98.0	100.0	100.0	100.0	98.4	90.5	98.6	95.0
HI	47.4	82.7	50.0	41.7	75.0	100.0	100.0	62.5	95.6	100.0	78.3	66.7
ID	96.6	100.0	93.3	75.9	100.0	100.0	100.0	100.0	99.0	100.0	97.1	85.7
IL	99.0	94.7	97.0	50.0	100.0	80.0	100.0	83.3	97.6	95.7	97.7	95.2
IN	93.6	100.0	83.6	72.7	100.0	85.7	100.0	100.0	99.2	100.0	91.3	88.5
IA	95.8	100.0	90.3	83.3	97.1	100.0	100.0	87.5	99.1	100.0	95.7	94.7
KS	89.3	82.4	71.4	94.1	93.3	100.0	100.0	100.0	99.5	100.0	98.8	87.5
KY	92.6	71.4	91.4	80.0	98.7	100.0	100.0	100.0	97.3	100.0	100.0	95.2
LA	90.5	100.0	100.0	60.0	100.0	0	100.0	100.0	99.0	100.0	100.0	94.7
ME	98.6	92.8	100.0	100.0	100.0	100.0	100.0	100.0	98.7	100.0	90.0	85.7
MD	93.3	87.2	88.9	94.4	94.4	100.0	100.0	94.7	99.0	98.5	100.0	90.9
MA	93.7	98.2	100.0	80.0	100.0	100.0	100.0	88.5	96.3	100.0	92.6	70.0
MI	95.5	96.6	94.7	87.5	98.5	100.0	100.0	100.0	100.0	97.4	97.2	88.9
MN	97.4	100.0	100.0	71.4	96.9	100.0	100.0	100.0	99.6	100.0	100.0	100.0
MS	96.2	100.0	91.7	100.0	97.1	100.0	100.0	100.0	98.9	100.0	100.0	92.9
MO	97.4	87.5	88.9	71.4	96.2	66.7	100.0	100.0	98.0	100.0	100.0	92.6
MT	97.3	100.0	95.5	86.3	92.3	100.0	100.0	100.0	99.0	94.7	95.3	93.8
NE	100.0	76.9	95.0	77.8	100.0	100.0	100.0	100.0	98.2	100.0	96.9	100.0
NV	100.0	92.3	100.0	71.4	96.2	100.0	100.0	100.0	98.1	100.0	98.8	90.9
NH	95.9	98.2	95.5	75.0	100.0	0	100.0	90.0	99.2	96.4	100.0	100.0
NJ	90.9	97.6	87.2	60.9	100.0	100.0	100.0	100.0	98.3	100.0	92.5	100.0
NM	98.4	88.5	100.0	71.4	97.1	100.0	100.0	100.0	99.5	100.0	100.0	94.7
NY	95.1	96.3	93.3	63.6	100.0	75.0	87.5	94.4	97.7	98.2	100.0	70.0
NC	92.7	100.0	94.4	90.0	94.6	100.0	100.0	100.0	97.5	100.0	98.3	100.0
ND	98.3	87.5	90.9	100.0	97.8	100.0	75.0	100.0	99.3	100.0	96.9	80.0
OH	94.5	96.0	94.1	92.3	91.4	83.3	75.0	100.0	97.9	97.6	92.6	94.1
OK	93.9	100.0	80.0	90.9	100.0	100.0	100.0	100.0	99.2	80.0	97.8	77.8
OR	94.6	97.1	93.8	87.8	100.0	100.0	100.0	100.0	99.0	100.0	97.2	84.2
PA	94.0	100.0	96.4	95.2	92.3	100.0	88.9	91.7	100.0	100.0	100.0	93.3
RI	93.2	98.3	84.6	60.0	100.0	0	100.0	90.6	97.1	100.0	97.8	100.0
SC	98.0	100.0	90.9	70.0	97.2	100.0	100.0	100.0	98.5	100.0	97.9	100.0
SD	100.0	100.0	85.7	66.7	100.0	0	100.0	50.0	99.5	100.0	97.1	72.7
TN	91.9	92.9	89.5	100.0	98.4	100.0	100.0	88.9	99.1	100.0	98.1	100.0
TX	90.9	84.6	100.0	84.6	96.4	100.0	100.0	100.0	100.0	100.0	97.7	100.0
UT	100.0	100.0	93.8	86.7	100.0	100.0	100.0	100.0	98.8	100.0	99.0	100.0
VT	96.0	100.0	92.3	87.5	100.0	0	100.0	87.5	95.7	100.0	90.0	85.7
VA	88.9	100.0	100.0	92.9	86.4	100.0	100.0	100.0	97.2	100.0	98.4	88.9
WA	97.6	95.2	82.5	63.0	83.3	100.0	100.0	100.0	97.9	98.4	97.2	86.7
WV	94.7	93.3	98.4	100.0	95.2	75.0	100.0	100.0	100.0	100.0	97.5	84.0
WI	98.0	86.7	94.4	87.5	98.0	100.0	100.0	91.7	100.0	100.0	96.9	73.3
WY	95.3	94.4	96.2	93.8	100.0	100.0	100.0	100.0	99.5	100.0	96.7	91.7

Table F.2b Percent of Boat Operators who Carried Enough PFDs or Life Jackets for Some but Not All Passengers by State

	Type of Boat Operated Most Often											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	4.8	10.0	0	10.0	0	0	0	0	.9	0	7.1	0
AK	4.0	3.1	4.3	6.5	0	0	0	0	2.1	0	0	0
AR	0	0	5.6	7.1	0	0	0	0	.9	0	0	5.0
AZ	0	0	4.0	8.8	0	0	0	0	1.3	5.3	2.6	4.5
CA	3.2	1.6	6.7	15.8	0	0	3.4	0	1.6	6.5	4.2	0
CO	0	2.4	2.9	2.9	0	10.0	0	0	.6	0	0	4.3
CT	3.0	0	2.9	0	0	25.0	3.2	0	0	0	3.4	0
DE	1.1	0	9.1	23.1	0	0	0	0	.7	0	2.2	0
DC	5.8	0	0	0	0	0	0	0	0	0	0	0
FL	3.2	2.9	0	11.1	3.3	0	0	0	.5	0	3.3	5.9
GA	3.2	4.2	0	7.1	2.0	0	0	0	1.1	0	1.4	0
HI	10.5	4.5	50.0	41.7	25.0	0	0	0	4.4	0	4.3	0
ID	3.4	0	6.7	13.8	0	0	0	0	.5	0	0	0
IL	1.0	5.3	3.0	25.0	0	0	0	16.7	1.8	0	2.3	0
IN	5.5	0	5.5	0	0	7.1	0	0	.8	0	8.7	11.5
IA	3.2	0	3.2	16.7	2.9	0	0	12.5	.4	0	2.2	5.3
KS	4.0	0	8.6	0	6.7	0	0	0	0	0	1.2	6.3
KY	1.5	14.3	5.7	6.7	1.3	0	0	0	2.7	0	0	0
LA	0	0	0	20.0	0	0	0	0	0	0	0	5.3
ME	1.4	7.2	0	0	0	0	0	0	.7	0	0	0
MD	0	0	0	0	5.6	0	0	0	1.0	1.5	0	0
MA	.8	0	0	10.0	.0	0	0	0	3.7	0	0	0
MI	.9	0	0	12.5	1.5	0	0	0	0	2.6	2.8	0
MN	0	0	0	0	3.1	0	0	0	.4	0	0	0
MS	0	0	0	0	2.9	0	0	0	.4	0	0	7.1
MO	.9	0	0	21.4	3.8	33.3	0	0	1.5	0	0	0
MT	2.7	0	4.5	7.8	3.8	0	0	0	1.0	5.3	0	0
NE	0	15.4	5.0	22.2	0	0	0	0	1.4	0	1.5	0
NV	0	3.8	0	7.1	3.8	0	0	0	1.4	0	0	0
NH	2.0	1.8	0	12.5	0	0	0	10.0	.8	3.6	0	0
NJ	1.1	2.4	0	13.0	0	0	0	0	1.7	0	5.7	0
NM	1.6	0	0	14.3	2.9	0	0	0	.5	0	0	0
NY	1.2	0	0	9.1	0	25.0	6.3	5.6	1.8	1.8	0	10.0
NC	2.1	0	0	0	5.4	0	0	0	2.5	0	1.7	0
ND	0	0	0	0	0	0	25.0	0	.7	0	3.1	0
OH	.9	0	2.9	7.7	8.6	16.7	25.0	0	2.1	2.4	5.6	0
OK	0	0	20.0	0	0	0	0	0	.8	20.0	0	22.2
OR	2.7	2.9	2.1	7.3	0	0	0	0	1.0	0	2.8	0
PA	0	0	1.8	0	3.8	0	11.1	8.3	0	0	0	0
RI	.9	1.7	3.8	10.0	0	0	0	9.4	2.0	0	2.2	0
SC	2.0	0	4.5	10.0	1.4	0	0	0	.5	0	2.1	0
SD	0	0	0	16.7	0	0	0	50.0	.5	0	0	0
TN	4.8	7.1	5.3	0	1.6	0	0	11.1	.9	0	1.9	0
TX	3.6	0	0	15.4	0	0	0	0	0	0	1.2	0
UT	0	0	6.3	13.3	0	0	0	0	1.2	0	0	0
VT	2.0	0	3.8	0	0	0	0	0	2.9	0	10.0	14.3
VA	5.6	0	0	0	0	0	0	0	2.1	0	1.6	0
WA	2.4	0	12.5	7.4	0	0	0	0	1.0	1.6	2.8	13.3
WV	1.3	0	0	0	4.8	25.0	0	0	0	0	0	12.0
WI	1.0	6.7	0	0	2.0	0	0	8.3	0	0	3.1	20.0
WY	1.2	5.6	3.8	0	0	0	0	0	0	0	3.3	8.3

Table F.2c Percent of Boat Operators who Did Not Carry Any PFDs or Life Jackets by State

	Type of Boat Operated Most Often											
	Canoe	Kayak	Row - boat	Inflat- able	Pontoon boat	House- boat	Sailboat (motor)	Sailboat (sail only)	Open motor- boat	Cabin motor- boat	Personal water- craft	Other craft
AL	6.5	0	0	0	0	0	0	14.3	.4	0	7.1	4.5
AK	0	0	8.7	0	0	0	0	0	1.5	0	7.7	5.6
AR	0	7.7	5.6	21.4	1.7	0	0	0	0	0	2.1	0
AZ	7.0	12.5	12.0	17.6	0	0	0	0	.6	0	1.3	4.5
CA	0	0	0	10.5	0	0	0	8.3	0	0	5.6	10.0
CO	0	2.4	2.9	8.6	0	0	0	0	1.3	0	0	17.4
CT	.8	0	0	14.3	0	0	0	0	0	0	3.4	0
DE	4.4	2.9	9.1	7.7	0	0	0	0	.7	0	0	3.8
DC	0	3.6	27.0	0	0	0	0	0	0	0	0	12.5
FL	1.6	23.5	0	22.2	0	0	0	0	0	0	3.3	17.6
GA	3.2	0	4.8	0	0	0	0	0	.5	9.5	0	5.0
HI	42.1	12.7	0	16.7	0	0	0	37.5	0	0	17.4	33.3
ID	0	0	0	10.3	0	0	0	0	.5	0	2.9	14.3
IL	0	0	0	25.0	0	20.0	0	0	.6	4.3	0	4.8
IN	.9	0	10.9	27.3	0	7.1	0	0	0	0	0	0
IA	1.1	0	6.5	0	0	0	0	0	.4	0	2.2	0
KS	6.7	17.6	20.0	5.9	0	0	0	0	.5	0	0	6.3
KY	5.9	14.3	2.9	13.3	0	0	0	0	0	0	0	4.8
LA	9.5	0	0	20.0	0	0	0	0	1.0	0	0	0
ME	0	0	0	0	0	0	0	0	.7	0	10.0	14.3
MD	6.7	12.8	11.1	5.6	0	0	0	5.3	0	0	0	9.1
MA	5.6	1.8	0	10.0	0	0	0	11.5	0	0	7.4	30.0
MI	3.6	3.4	5.3	0	0	0	0	0	0	0	0	11.1
MN	2.6	0	0	28.6	0	0	0	0	0	0	0	0
MS	3.8	0	8.3	0	0	0	0	0	.7	0	0	0
MO	1.8	12.5	11.1	7.1	0	0	0	0	.5	0	0	7.4
MT	0	0	0	5.9	3.8	0	0	0	0	0	4.7	6.3
NE	0	7.7	0	0	0	0	0	0	.5	0	1.5	0
NV	0	3.8	0	21.4	0	0	0	0	.5	0	1.2	9.1
NH	2.0	0	4.5	12.5	0	0	0	0	0	0	0	0
NJ	8.0	0	12.8	26.1	0	0	0	0	0	0	1.9	0
NM	0	11.5	0	14.3	0	0	0	0	0	0	0	5.3
NY	3.7	3.7	6.7	27.3	0	0	6.3	0	.6	0	0	20.0
NC	5.2	0	5.6	10.0	0	0	0	0	0	0	0	0
ND	1.7	12.5	9.1	0	2.2	0	0	0	0	0	0	20.0
OH	4.5	4.0	2.9	0	0	0	0	0	0	0	1.9	5.9
OK	6.1	0	0	9.1	0	0	0	0	0	0	2.2	0
OR	2.7	0	4.2	4.9	0	0	0	0	0	0	0	15.8
PA	6.0	0	1.8	4.8	3.8	0	0	0	0	0	0	6.7
RI	6.0	0	11.5	30.0	0	0	0	0	1.0	0	0	0
SC	0	0	4.5	20.0	1.4	0	0	0	1.0	0	0	0
SD	0	0	14.3	16.7	0	0	0	0	0	0	2.9	27.3
TN	3.2	0	5.3	0	0	0	0	0	0	0	0	0
TX	5.5	15.4	0	0	3.6	0	0	0	0	0	1.2	0
UT	0	0	0	0	0	0	0	0	0	0	1.0	0
VT	2.0	0	3.8	12.5	0	0	0	12.5	1.4	0	0	0
VA	5.6	0	0	7.1	13.6	0	0	0	.7	0	0	11.1
WA	0	4.8	5.0	29.6	16.7	0	0	0	1.0	0	0	0
WV	3.9	6.7	1.6	0	0	0	0	0	0	0	2.5	4.0
WI	1.0	6.7	5.6	12.5	0	0	0	0	0	0	0	6.7
WY	3.5	0	0	6.3	0	0	0	0	.5	0	0	0

Table F.3 Percentages for How Often a Life Jacket or PFD is Usually Worn on Boat Operated Most Often

	How Often PFDs are Usually Worn				
	Always	Most of the time	Sometimes	Rarely	Never
AL	35.7	14.6	21.9	13.2	14.6
AK	46.8	12.6	15.6	11.2	13.9
AR	41.5	14.5	18.6	11.5	13.9
AZ	36.4	12.4	16.7	14.5	19.9
CA	34.0	8.0	13.8	20.4	23.8
CO	42.9	10.3	17.7	13.3	15.8
CT	38.2	13.3	11.6	14.4	22.6
DE	39.3	10.4	13.9	14.5	21.9
DC	47.1	12.1	10.3	7.0	23.4
FL	27.2	10.4	13.7	15.5	33.2
GA	37.0	13.6	16.3	14.3	18.9
HI	30.6	9.8	8.4	11.4	39.7
ID	37.6	14.6	16.6	13.6	17.7
IL	36.2	10.9	17.8	15.6	19.6
IN	33.9	14.6	12.8	16.0	22.7
IA	29.8	15.8	22.2	15.3	17.0
KS	37.2	15.5	20.0	11.8	15.5
KY	40.2	15.6	17.5	13.7	13.0
LA	29.5	18.1	18.1	15.4	18.8
ME	33.8	11.5	13.7	17.3	23.6
MD	39.5	8.8	13.0	15.6	23.2
MA	36.7	9.6	16.3	15.7	21.6
MI	28.3	11.6	15.1	15.9	29.1
MN	25.0	16.9	20.9	20.1	17.1
MS	38.6	16.5	17.4	13.3	14.3
MO	27.7	19.4	19.5	12.9	20.6
MT	33.6	12.1	15.8	19.7	18.8
NE	37.3	13.0	20.5	14.1	15.1
NV	36.1	11.4	16.4	18.6	17.6
NH	36.0	14.8	12.6	13.4	23.2
NJ	36.8	8.9	13.3	12.8	28.1
NM	43.6	16.2	16.1	12.6	11.4
NY	32.3	9.4	11.9	19.3	27.1
NC	36.6	13.3	16.4	15.5	18.1
ND	31.3	18.1	21.2	15.7	13.6
OH	36.3	13.7	15.2	14.7	20.1
OK	36.8	15.4	21.4	12.4	14.0
OR	28.8	13.7	22.9	16.3	18.4
PA	41.2	12.3	15.4	13.0	18.1
RI	41.5	10.0	13.4	13.7	21.3
SC	34.3	16.7	14.8	15.5	18.7
SD	25.4	16.7	23.1	16.1	18.7
TN	38.6	17.5	19.2	15.2	9.6
TX	37.9	14.6	17.3	15.9	14.3
UT	46.2	11.3	17.6	14.1	10.7
VT	37.3	13.2	13.9	13.2	22.4
VA	45.9	9.2	12.6	14.6	17.7
WA	29.8	13.4	19.8	19.9	17.1
WV	37.6	10.9	18.6	16.9	16.0
WI	29.0	12.4	18.4	18.3	22.0
WY	33.3	13.5	19.7	18.8	14.7

Table F.4a Percent of Boat Operators who “Always” Wear PFDs by Boat Operated Most Often and State

	Type of Boat Operated Most Often											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	37.1	70.0	61.5	70.0	14.5	0	20.0	57.1	33.2	5.3	67.4	45.5
AK	53.3	96.9	30.4	71.0	83.3	0	36.4	66.7	43.3	16.2	76.9	16.7
AR	48.8	61.5	58.8	21.4	13.6	40.0	100	33.3	35.6	0	89.6	35.0
AZ	59.1	61.0	48.0	44.1	13.8	11.1	40.0	54.5	12.8	0	69.7	47.8
CA	65.6	72.3	40.0	38.1	20.0	0	10.3	36.4	9.6	3.1	76.4	20.0
CO	65.8	81.0	26.5	63.6	22.2	9.1	40.0	45.5	17.2	0	87.0	39.1
CT	50.8	78.7	41.7	42.9	0	0	9.4	47.6	17.8	11.1	60.0	63.6
DE	47.3	62.9	45.2	64.3	22.2	0	22.2	38.1	17.5	20.8	82.2	73.1
DC	51.3	64.3	41.7	45.5	30.0	0	12.0	57.1	32.9	9.8	88.6	41.2
FL	49.2	31.4	20.0	33.3	13.3	0	6.3	28.6	12.3	3.3	86.9	17.6
GA	51.6	87.0	52.4	57.1	17.3	0	0	33.3	19.8	14.3	77.5	19.0
HI	17.5	43.1	0	23.1	25.0	0	14.3	12.5	20.0	15.8	56.5	33.3
ID	62.1	71.4	28.6	52.6	21.7	0	0	0	17.0	0	89.7	19.0
IL	49.5	85.0	41.2	25.0	8.7	40.0	33.3	57.1	21.9	8.0	86.0	36.4
IN	42.2	60.0	42.9	36.4	4.3	14.3	0	62.5	21.8	0	73.9	57.7
IA	50.5	27.3	32.3	66.7	20.6	0	0	25.0	14.7	0	75.6	19.0
KS	42.1	41.2	31.4	75.0	15.9	16.7	16.7	100	22.7	0	79.3	12.5
KY	55.2	71.4	38.9	62.5	31.6	0	0	50.0	33.5	13.3	72.7	31.8
LA	36.4	50.0	40.0	20.0	23.5	0	25.0	100	22.6	0	73.7	57.9
ME	45.8	70.6	56.3	0	5.9	0	7.7	44.4	10.8	13.3	76.2	28.6
MD	53.9	71.7	36.8	61.1	16.7	0	15.6	33.3	26.8	10.0	86.5	54.5
MA	54.4	64.3	48.0	36.4	0	0	14.3	44.0	11.0	2.7	85.2	71.4
MI	39.4	43.3	34.2	40.0	16.2	0	7.7	45.5	11.2	2.6	88.6	40.0
MN	38.2	83.3	21.7	37.5	10.9	0	100.0	25.0	13.4	0	91.2	60.0
MS	45.1	80.0	37.5	57.1	17.6	0	14.3	50.0	35.0	13.6	85.7	53.3
MO	27.0	87.5	55.6	46.7	9.6	33.3	20.0	100.0	22.6	5.9	59.1	25.9
MT	46.1	76.2	31.8	44.2	16.0	0	20.0	100.0	12.6	5.3	78.1	25.0
NE	55.3	92.3	68.4	52.9	32.4	50.0	20.0	100.0	17.2	14.3	70.8	22.7
NV	48.5	80.8	44.4	48.3	11.5	33.3	22.2	71.4	12.7	12.8	88.2	27.3
NH	44.3	53.4	51.2	36.4	17.4	0	11.1	27.3	13.8	10.3	83.3	75.0
NJ	56.3	54.8	33.3	52.4	18.2	0	4.5	53.8	16.5	7.4	84.6	30.0
NM	61.9	70.8	47.8	35.0	25.0	12.5	9.1	16.7	28.6	7.7	80.7	40.0
NY	58.5	75.5	40.0	9.1	8.7	0	12.5	55.6	10.0	1.7	91.2	20.0
NC	52.6	83.3	47.4	66.7	18.9	0	20.0	14.3	17.8	17.4	77.6	46.2
ND	50.0	68.8	36.4	60.0	21.7	50.0	25.0	0	14.9	16.7	79.7	30.0
OH	45.5	57.7	32.4	46.2	17.6	50.0	20.0	57.1	22.1	9.3	75.9	33.3
OK	29.4	60.0	10.0	36.4	10.5	33.3	0	66.7	30.3	0	91.3	33.3
OR	68.4	65.7	25.0	27.5	28.6	0	13.3	71.4	8.8	13.5	83.8	26.3
PA	52.4	76.3	53.6	52.4	24.0	20.0	33.3	30.8	18.2	6.7	64.6	41.2
RI	62.7	69.0	36.0	27.3	0	0	8.1	48.4	18.3	7.9	77.8	20.0
SC	64.6	65.4	36.4	20.0	20.5	16.7	30.8	40.0	24.0	4.0	73.9	23.5
SD	44.0	45.5	42.9	50.0	25.0	0	0	0	12.3	50.0	71.4	18.2
TN	66.1	64.3	47.4	88.9	16.4	20.0	66.7	25.0	26.8	9.1	76.4	33.3
TX	40.4	46.2	41.7	42.9	14.3	0	14.3	20.0	23.3	15.4	83.7	62.5
UT	72.6	78.3	50.0	66.7	46.7	0	33.3	62.5	17.6	6.1	81.9	28.6
VT	45.9	60.5	26.9	62.5	11.1	0	0	50.0	14.5	6.7	100.0	71.4
VA	56.5	88.9	61.8	64.3	4.8	0	16.7	50.0	31.0	13.9	78.1	37.5
WA	53.7	78.6	33.3	25.9	33.3	0	8.0	60.0	11.9	8.2	88.9	40.0
WV	47.4	53.3	49.2	69.2	17.5	0	27.3	33.3	24.1	4.2	81.6	42.3
WI	52.0	53.3	37.1	87.5	7.8	0	20.0	33.3	13.1	7.7	75.0	13.3
WY	51.8	83.3	28.0	41.9	5.0	0	0	50.0	10.8	4.5	83.6	54.5

**Table F.4b Percent of Boat Operators who Wear PFDs “Most of the Time”
by Boat Operated Most Often and State**

	Type of Boat Operated Most Often											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	11.3	20.0	15.4	20.0	13.0	0	0	14.3	20.0	5.3	4.7	0
AK	13.3	0	17.4	9.7	16.7	0	18.2	0	16.0	9.5	3.8	16.7
AR	21.3	15.4	5.9	21.4	11.9	10.0	0	0	15.8	25.0	0	20.0
AZ	4.5	7.3	8.0	8.8	24.1	0	10.0	9.1	15.2	14.3	17.1	4.3
CA	3.1	9.2	33.3	0	6.7	0	13.8	0	8.6	6.3	8.3	0
CO	9.6	7.1	11.8	15.2	11.1	27.3	0	27.3	10.2	7.7	3.7	17.4
CT	12.9	8.5	16.7	14.3	33.3	0	18.8	19.0	12.1	8.9	20.0	0
DE	15.1	8.6	12.9	0	11.1	0	0	28.6	11.7	6.3	2.2	3.8
DC	16.0	14.3	8.3	18.2	20.0	0	24.0	5.7	17.1	7.3	0	0
FL	11.5	11.4	30.0	0	13.3	0	6.3	42.9	11.8	1.6	6.6	11.8
GA	14.1	0	9.5	35.7	7.7	0	0	16.7	20.3	4.8	7.0	9.5
HI	7.0	11.9	50.0	7.7	0	0	0	25.0	8.9	5.3	13.0	0
ID	17.2	7.1	28.6	10.5	17.4	0	25.0	0	16.0	20.0	1.5	28.6
IL	11.3	10.0	8.8	0	4.3	0	22.2	0	11.8	4.0	9.3	31.8
IN	15.6	30.0	17.9	27.3	13.0	7.1	0	37.5	12.8	8.3	13.0	15.4
IA	10.1	45.5	16.1	0	14.7	0	33.3	37.5	15.6	22.2	11.1	33.3
KS	18.4	17.6	11.4	6.3	11.4	50.0	16.7	0	20.0	0	8.5	6.3
KY	10.4	14.3	22.2	0	11.4	6.7	0	25.0	19.1	0	22.7	18.2
LA	18.2	25.0	0	20.0	23.5	0	0	0	20.5	28.6	10.5	0
ME	16.2	10.3	6.3	33.3	0	0	7.7	11.1	11.4	6.7	9.5	0
MD	13.5	6.5	18.4	5.6	5.6	0	6.3	14.3	9.8	1.4	8.1	0
MA	8.0	12.5	4.0	9.1	0	0	4.8	12.0	11.8	8.1	3.7	14.3
MI	13.8	20.0	18.4	0	10.3	0	23.1	9.1	9.6	7.7	5.7	0
MN	25.0	16.7	34.8	12.5	7.8	0	0	50.0	17.8	0	2.9	0
MS	17.6	10.0	12.5	28.6	14.7	33.3	0	0	20.2	4.5	2.9	13.3
MO	20.0	0	11.1	6.7	15.4	0	0	0	22.6	11.8	25.0	18.5
MT	22.4	4.8	18.2	11.5	0	33.3	20.0	0	11.6	5.3	7.8	12.5
NE	13.2	0	10.5	5.9	8.1	0	40.0	0	14.9	0	10.8	18.2
NV	12.1	15.4	33.3	6.9	30.8	0	0	28.6	13.1	5.1	4.7	0
NH	20.1	19.0	18.6	0	4.3	0	22.2	0	13.8	0	10.0	0
NJ	14.9	14.3	7.1	0	0	0	0	7.7	9.1	5.6	3.8	20.0
NM	14.3	12.5	26.1	15.0	13.9	12.5	0	0	22.0	23.1	8.4	10.0
NY	9.8	5.7	13.3	45.5	13.0	0	12.5	11.1	9.4	3.4	2.9	30.0
NC	12.4	11.1	5.3	22.2	8.1	50.0	10.0	28.6	15.2	4.3	6.9	30.8
ND	15.5	12.5	27.3	20.0	17.4	0	25.0	33.3	20.1	33.3	12.5	10.0
OH	20.9	15.4	11.8	7.7	11.8	0	0	0	12.4	9.3	13.0	16.7
OK	20.6	0	10.0	9.1	18.4	33.3	33.3	0	18.2	0	4.3	22.2
OR	13.2	14.3	18.8	37.5	0	0	26.7	14.3	9.3	10.8	5.4	10.5
PA	20.4	10.5	8.9	19.0	4.0	0	11.1	23.1	13.3	6.7	2.1	17.6
RI	14.4	5.2	16.0	18.2	0	0	5.4	9.7	9.6	0	13.3	20.0
SC	14.6	7.7	22.7	30.0	6.8	0	15.4	20.0	23.4	8.0	10.9	17.6
SD	16.0	36.4	0	0	25.0	0	0	50.0	17.6	0	8.6	18.2
TN	14.5	7.1	10.5	0	14.8	20.0	0	37.5	24.5	0	10.9	6.7
TX	22.8	15.4	8.3	14.3	7.1	0	14.3	20.0	16.4	7.7	11.6	4.2
UT	17.7	8.7	0	16.7	0	0	16.7	0	12.9	12.1	8.6	14.3
VT	15.3	7.9	30.8	0	0	0	12.5	25.0	13.0	0	0	14.3
VA	12.0	3.7	8.8	21.4	0	0	0	0	10.3	8.3	9.4	0
WA	22.0	9.5	15.4	7.4	0	0	28.0	0	15.0	8.2	5.6	13.3
WV	14.1	6.7	9.8	11.5	14.3	0	9.1	33.3	12.8	4.2	0	15.4
WI	14.7	6.7	11.4	0	5.9	0	20.0	16.7	15.5	0	9.4	6.7
WY	15.3	5.6	12.0	12.9	25.0	0	0	0	15.2	13.6	4.9	18.2

Table F.4c Percent of Boat Operators who Wear PFDs “Sometimes” by Boat Operated Most Often and State

	Type of Boat Operated Most Often											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	19.4	0	7.7	10.0	29.0	100.0	40.0	0	23.8	26.3	18.6	9.1
AK	18.7	0	17.4	9.7	0	0	27.3	33.3	16.5	23.0	7.7	11.1
AR	10.0	7.7	17.6	14.3	23.7	20.0	0	33.3	24.3	25.0	4.2	20.0
AZ	15.9	2.4	20.0	11.8	24.1	22.2	10.0	0	23.8	33.3	7.9	13.0
CA	0	6.2	0	9.5	20.0	0	31.0	27.3	18.2	15.6	8.3	10.0
CO	13.7	2.4	29.4	9.1	22.2	9.1	40.0	27.3	25.5	38.5	1.9	8.7
CT	10.6	10.6	8.3	4.8	0	0	25.0	14.3	14.0	15.6	0	9.1
DE	15.1	11.4	9.7	7.1	3.7	0	11.1	19.0	20.4	12.5	6.7	7.7
DC	16.0	3.6	13.9	0	0	33.3	12.0	11.4	15.7	12.2	0	5.9
FL	16.4	11.4	20.0	0	6.7	0	37.5	14.3	17.6	11.5	1.6	5.9
GA	6.3	4.3	4.8	0	21.2	40.0	33.3	33.3	22.0	23.8	8.5	33.3
HI	12.3	4.6	50.0	15.4	0	0	28.6	0	13.3	0	8.7	0
ID	10.3	21.4	28.6	12.3	4.3	0	50.0	0	24.5	20.0	4.4	9.5
IL	15.5	0	17.6	25.0	23.9	0	11.1	28.6	25.8	16.0	2.3	0
IN	11.0	0	10.7	0	17.4	21.4	50.0	0	17.3	12.5	6.5	11.5
IA	12.1	18.2	19.4	16.7	17.6	0	0	25.0	31.6	44.4	8.9	14.3
KS	15.8	5.9	20.0	6.3	22.7	0	16.7	0	29.7	0	6.1	31.3
KY	11.9	0	19.4	12.5	25.3	26.7	0	0	21.8	20.0	2.3	4.5
LA	18.2	0	20.0	0	11.8	0	25.0	0	22.1	0	0	15.8
ME	9.9	10.3	12.5	33.3	5.9	0	46.2	11.1	18.0	16.7	4.8	14.3
MD	7.9	6.5	18.4	11.1	16.7	0	34.4	14.3	13.4	15.7	2.7	0
MA	16.8	8.9	12.0	27.3	9.1	0	42.9	12.0	17.6	24.3	3.7	0
MI	7.3	13.3	18.4	10.0	11.8	100.0	46.2	0	28.0	10.3	0	0
MN	11.8	0	17.4	0	25.0	0	0	25.0	28.1	0	2.9	0
MS	13.7	10.0	25.0	0	29.4	33.3	14.3	25.0	18.4	18.2	5.7	13.3
MO	15.7	12.5	11.1	6.7	11.5	0	0	0	27.2	23.5	11.4	22.2
MT	9.2	0	18.2	17.3	4.0	0	20.0	0	27.4	15.8	1.6	6.3
NE	14.5	0	5.3	5.9	16.2	0	20.0	0	29.9	14.3	9.2	36.4
NV	12.1	0	0	6.9	11.5	50.0	22.2	0	22.5	33.3	2.4	36.4
NH	12.1	5.2	9.3	0	4.3	0	22.2	36.4	18.5	20.7	0	0
NJ	4.6	9.5	14.3	4.8	18.2	0	36.4	7.7	15.7	25.9	1.9	15.0
NM	7.9	0	13.0	10.0	27.8	62.5	9.1	33.3	22.5	15.4	8.4	10.0
NY	6.1	3.8	6.7	9.1	13.0	0	6.3	5.6	20.6	12.1	5.9	10.0
NC	6.2	5.6	21.1	0	27.0	50.0	30.0	42.9	24.4	13.0	1.7	7.7
ND	12.1	0	0	0	17.4	0	25.0	33.3	32.0	0	3.1	0
OH	9.1	0	17.6	7.7	14.7	0	60.0	14.3	26.2	20.9	0	16.7
OK	14.7	20.0	30.0	9.1	18.4	0	0	0	31.1	20.0	2.2	44.4
OR	10.5	14.3	18.8	15.0	14.3	0	33.3	14.3	31.4	27.0	5.4	31.6
PA	8.7	2.6	12.5	4.8	24.0	20.0	22.2	46.2	23.1	13.3	14.6	0
RI	5.1	8.6	12.0	0	50.0	0	32.4	12.9	19.2	21.1	6.7	0
SC	6.3	3.8	0	30.0	19.2	0	23.1	0	18.2	24.0	10.9	17.6
SD	16.0	0	0	0	16.7	0	0	50.0	29.4	50.0	11.4	18.2
TN	9.7	28.6	15.8	0	32.8	10.0	0	12.5	20.9	27.3	7.3	20.0
TX	8.8	7.7	25.0	7.1	25.0	0	42.9	40.0	22.8	15.4	3.5	16.7
UT	6.5	8.7	0	0	13.3	44.4	0	25.0	31.8	30.3	6.7	14.3
VT	10.2	13.2	7.7	0	22.2	0	12.5	0	24.6	20.0	0	14.3
VA	7.4	7.4	11.8	7.1	19.0	0	41.7	8.3	15.9	19.4	4.7	25.0
WA	7.3	2.4	15.4	14.8	16.7	100.0	44.0	20.0	26.4	26.2	5.6	13.3
WV	17.9	20.0	11.5	3.8	22.2	20.0	36.4	33.3	24.8	16.7	10.5	11.5
WI	10.8	6.7	11.4	0	21.6	0	20.0	16.7	27.7	7.7	6.3	13.3
WY	11.8	5.6	16.0	16.1	30.0	25.0	50.0	0	27.5	27.3	8.2	18.2

Table F.4d Percent of Boat Operators who “Rarely” Wear PFDs by Boat Operated Most Often and State

	Type of Boat Operated Most Often											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	4.8	10.0	0	0	23.2	0	40.0	0	12.8	31.6	4.7	22.7
AK	6.7	0	13.0	3.2	0	0	9.1	0	9.3	27.0	7.7	22.2
AR	7.5	0	0	7.1	25.4	20.0	0	0	12.6	25.0	2.1	15.0
AZ	0	7.3	8.0	5.9	13.8	33.3	10.0	9.1	23.2	33.3	1.3	21.7
CA	9.4	9.2	6.7	4.8	26.7	50.0	17.2	0	32.6	40.6	2.8	20.0
CO	1.4	0	11.8	3.0	25.9	9.1	0	0	25.5	38.5	5.6	4.3
CT	11.4	0	11.1	0	16.7	25.0	31.3	0	24.3	24.4	0	0
DE	4.3	8.6	9.7	7.1	22.2	0	55.6	9.5	20.4	33.3	2.2	3.8
DC	2.5	3.6	0	18.2	20.0	33.3	12.0	5.7	7.1	19.5	4.5	11.8
FL	6.6	8.6	20.0	22.2	13.3	0	31.3	0	20.3	26.2	3.3	11.8
GA	9.4	0	14.3	0	25.0	40.0	50.0	0	18.7	23.8	2.8	4.8
HI	10.5	7.3	0	7.7	50.0	0	14.3	12.5	13.3	36.8	4.3	11.1
ID	3.4	0	0	3.5	39.1	0	0	0	23.0	15.0	1.5	9.5
IL	7.2	0	17.6	25.0	21.7	20.0	22.2	14.3	19.7	32.0	2.3	18.2
IN	7.3	0	5.4	9.1	30.4	28.6	50.0	0	24.1	37.5	0	3.8
IA	12.1	9.1	6.5	0	20.6	50.0	0	12.5	20.0	22.2	4.4	9.5
KS	9.2	0	2.9	6.3	18.2	16.7	50.0	0	17.8	20.0	2.4	6.3
KY	6.0	0	2.8	0	16.5	40.0	0	25.0	16.5	46.7	2.3	18.2
LA	13.6	25.0	0	20.0	17.6	0	25.0	0	15.9	42.9	10.5	5.3
ME	10.6	4.4	0	33.3	23.5	0	23.1	33.3	27.5	26.7	4.8	0
MD	11.2	6.5	2.6	0	16.7	100.0	18.8	9.5	18.8	34.3	2.7	18.2
MA	4.0	7.1	0	27.3	18.2	0	28.6	0	32.4	32.4	3.7	0
MI	10.1	0	10.5	10.0	14.7	0	15.4	36.4	22.4	35.9	0	20.0
MN	11.8	0	21.7	0	17.2	0	0	0	28.1	37.5	0	20.0
MS	5.9	0	8.3	0	11.8	0	42.9	25.0	14.4	36.4	5.7	6.7
MO	12.2	0	11.1	6.7	23.1	0	0	0	12.8	23.5	2.3	18.5
MT	6.6	14.3	4.5	11.5	44.0	33.3	20.0	0	25.8	42.1	6.3	31.3
NE	5.3	0	15.8	11.8	16.2	0	20.0	0	21.7	14.3	0	9.1
NV	12.1	0	11.1	10.3	7.7	0	22.2	0	30.5	23.1	3.5	18.2
NH	6.7	3.4	7.0	18.2	39.1	0	22.2	36.4	19.2	31.0	0	0
NJ	6.9	0	9.5	0	9.1	0	40.9	7.7	19.8	22.2	1.9	15.0
NM	4.8	4.2	0	15.0	22.2	12.5	36.4	0	17.6	7.7	1.2	25.0
NY	12.2	5.7	6.7	0	17.4	25.0	37.5	11.1	28.8	32.8	0	10.0
NC	9.3	0	5.3	0	13.5	0	40.0	0	21.8	39.1	6.9	7.7
ND	5.2	6.3	9.1	20.0	21.7	50.0	25.0	33.3	20.4	16.7	1.6	10.0
OH	9.1	7.7	11.8	0	17.6	0	0	14.3	22.8	34.9	0	11.1
OK	14.7	20.0	10.0	18.2	28.9	33.3	0	33.3	9.8	40.0	0	0
OR	0	2.9	12.5	2.5	28.6	0	20.0	0	26.0	27.0	2.7	15.8
PA	5.8	5.3	12.5	4.8	12.0	40.0	11.1	0	23.1	33.3	6.3	5.9
RI	3.4	10.3	4.0	0	0	100.0	29.7	22.6	20.2	26.3	0	0
SC	2.1	3.8	13.6	0	21.9	0	15.4	20.0	17.2	44.0	2.2	29.4
SD	16.0	0	14.3	16.7	16.7	0	0	0	20.9	0	2.9	0
TN	4.8	0	21.1	11.1	23.0	10.0	33.3	0	17.7	36.4	5.5	13.3
TX	15.8	7.7	8.3	0	17.9	0	14.3	20.0	24.1	23.1	1.2	4.2
UT	0	4.3	12.5	6.7	20.0	44.4	0	12.5	22.9	30.3	2.9	14.3
VT	10.2	10.5	7.7	12.5	11.1	0	37.5	12.5	18.8	26.7	0	0
VA	6.5	0	5.9	0	23.8	25.0	33.3	33.3	22.1	27.8	4.7	25.0
WA	12.2	2.4	7.7	14.8	0	0	8.0	20.0	30.6	32.8	0	13.3
WV	10.3	0	19.7	0	27.0	20.0	18.2	0	19.9	37.5	5.3	15.4
WI	5.9	20.0	8.6	0	23.5	100.0	20.0	8.3	23.8	61.5	3.1	33.3
WY	5.9	5.6	28.0	9.7	20.0	25.0	50.0	50.0	27.5	40.9	1.6	0

Table F.4e Percent of Boat Operators who “Never” Wear PFDs by Boat Operated Most Often and State

	Type of Boat Operated Most Often											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	27.4	0	15.4	0	20.3	0	0	28.6	10.2	31.6	4.7	22.7
AK	8.0	3.1	21.7	6.5	0	0	9.1	0	14.9	24.3	3.8	33.3
AR	12.5	15.4	17.6	35.7	25.4	10.0	0	33.3	11.7	25.0	4.2	10.0
AZ	20.5	22.0	16.0	29.4	24.1	33.3	30.0	27.3	25.0	19.0	3.9	13.0
CA	21.9	3.1	20.0	47.6	26.7	50.0	27.6	36.4	31.0	34.4	4.2	50.0
CO	9.6	9.5	20.6	9.1	18.5	45.5	20.0	0	21.7	15.4	1.9	30.4
CT	14.4	2.1	22.2	38.1	50.0	75.0	15.6	19.0	31.8	40.0	20.0	27.3
DE	18.3	8.6	22.6	21.4	40.7	100.0	11.1	4.8	29.9	27.1	6.7	11.5
DC	14.3	14.3	36.1	18.2	30.0	33.3	40.0	20.0	27.1	51.2	6.8	41.2
FL	16.4	37.1	10.0	44.4	53.3	0	18.8	14.3	38.0	57.4	1.6	52.9
GA	18.8	8.7	19.0	7.1	28.8	20.0	16.7	16.7	19.2	33.3	4.2	33.3
HI	52.6	33.0	0	46.2	25.0	100.0	42.9	50.0	44.4	42.1	17.4	55.6
ID	6.9	0	14.3	21.1	17.4	100.0	25.0	100.0	19.5	45.0	2.9	33.3
IL	16.5	5.0	14.7	25.0	41.3	40.0	11.1	0	20.8	40.0	0	13.6
IN	23.9	10.0	23.2	27.3	34.8	28.6	0	0	24.1	41.7	6.5	11.5
IA	15.2	0	25.8	16.7	26.5	50.0	66.7	0	18.2	11.1	0	23.8
KS	14.5	35.3	34.3	6.3	31.8	16.7	0	0	9.7	80.0	3.7	43.8
KY	16.4	14.3	16.7	25.0	15.2	26.7	100.0	0	9.0	20.0	0	27.3
LA	13.6	0	40.0	40.0	23.5	0	25.0	0	19.0	28.6	5.3	21.1
ME	17.6	4.4	25.0	0	64.7	100.0	15.4	0	32.3	36.7	4.8	57.1
MD	13.5	8.7	23.7	22.2	44.4	0	25.0	28.6	31.3	38.6	0	27.3
MA	16.8	7.1	36.0	0	72.7	100.0	9.5	32.0	27.2	32.4	3.7	14.3
MI	29.4	23.3	18.4	40.0	47.1	0	7.7	9.1	28.8	43.6	5.7	40.0
MN	13.2	0	4.3	50.0	39.1	100.0	0	0	12.6	62.5	2.9	20.0
MS	17.6	0	16.7	14.3	26.5	33.3	28.6	0	11.9	27.3	0	13.3
MO	25.2	0	11.1	33.3	40.4	66.7	80.0	0	14.9	35.3	2.3	14.8
MT	15.8	4.8	27.3	15.4	36.0	33.3	20.0	0	22.6	31.6	6.3	25.0
NE	11.8	7.7	0	23.5	27.0	50.0	0	0	16.3	57.1	9.2	13.6
NV	15.2	3.8	11.1	27.6	38.5	16.7	33.3	0	21.1	25.6	1.2	18.2
NH	16.8	19.0	14.0	45.5	34.8	0	22.2	0	34.6	37.9	6.7	25.0
NJ	17.2	21.4	35.7	42.9	54.5	100.0	18.2	23.1	38.8	38.9	7.7	20.0
NM	11.1	12.5	13.0	25.0	11.1	0	45.5	50.0	9.3	46.2	1.2	15.0
NY	13.4	9.4	33.3	36.4	47.8	75.0	31.3	16.7	31.2	50.0	0	30.0
NC	19.6	0	21.1	11.1	32.4	0	0	14.3	20.8	26.1	6.9	7.7
ND	17.2	12.5	27.3	0	21.7	0	0	0	12.6	33.3	3.1	50.0
OH	15.5	19.2	26.5	38.5	38.2	50.0	20.0	14.3	16.6	25.6	11.1	22.2
OK	20.6	0	40.0	27.3	23.7	0	66.7	0	10.6	40.0	2.2	0
OR	7.9	2.9	25.0	17.5	28.6	100.0	6.7	0	24.5	21.6	2.7	15.8
PA	12.6	5.3	12.5	19.0	36.0	20.0	22.2	0	22.4	40.0	12.5	35.3
RI	14.4	6.9	32.0	54.5	50.0	0	24.3	6.5	32.7	44.7	2.2	60.0
SC	12.5	19.2	27.3	20.0	31.5	83.3	15.4	20.0	17.2	20.0	2.2	11.8
SD	8.0	18.2	42.9	33.3	16.7	0	100.0	0	19.8	0	5.7	45.5
TN	4.8	0	5.3	0	13.1	40.0	0	25.0	10.0	27.3	0	26.7
TX	12.3	23.1	16.7	35.7	35.7	100.0	14.3	0	13.4	38.5	0	12.5
UT	3.2	0	37.5	10.0	20.0	11.1	50.0	0	14.7	21.2	0	28.6
VT	18.4	7.9	26.9	25.0	55.6	0	37.5	12.5	29.0	46.7	0	0
VA	17.6	0	11.8	7.1	52.4	75.0	8.3	8.3	20.7	30.6	3.1	12.5
WA	4.9	7.1	28.2	37.0	50.0	0	12.0	0	16.1	24.6	0	20.0
WV	10.3	20.0	9.8	15.4	19.0	60.0	9.1	0	18.4	37.5	2.6	15.4
WI	16.7	13.3	31.4	12.5	41.2	0	20.0	25.0	19.9	23.1	6.3	33.3
WY	15.3	0	16.0	19.4	20.0	50.0	0	0	19.1	13.6	1.6	9.1

Table F.5 Percentages for Type of PFD Used by State

	Type of PFD Used							
	Type I	Type II	Type III	Type V	Other		Inflatable	Non-inflatable (inherently buoyant)
AL	21.1	28.9	44.0	1.4	4.7		8.1	91.9
AK	25.2	21.9	35.3	5.7	11.9		15.6	84.4
AR	20.5	24.0	49.4	1.7	4.5		8.4	91.6
AZ	23.0	30.3	37.8	3.1	5.8		7.5	92.5
CA	22.7	29.2	30.8	4.1	13.2		7.9	92.1
CO	18.3	33.4	40.4	4.6	3.2		6.3	93.7
CT	24.9	38.9	25.9	2.3	8.0		12.1	87.9
DE	19.0	48.2	24.6	3.1	5.1		11.1	88.9
DC	17.6	51.5	20.9	6.6	3.4		10.4	89.6
FL	24.8	38.0	31.9	1.4	3.8		10.2	89.8
GA	17.0	28.9	45.7	4.1	4.2		7.8	92.2
HI	18.8	47.1	15.2	5.1	13.8		18.5	81.5
ID	23.9	27.6	40.1	2.1	6.3		7.0	93.0
IL	12.4	37.9	42.6	2.6	4.6		5.5	94.5
IN	30.0	38.6	26.5	1.2	3.6		12.2	87.8
IA	22.5	23.5	47.9	1.2	4.9		6.6	93.4
KS	20.4	33.4	40.6	1.1	4.5		6.8	93.2
KY	19.3	27.8	47.5	1.3	4.1		8.8	91.2
LA	16.8	51.4	13.5	2.4	15.9		6.3	93.7
ME	23.7	35.5	31.2	1.3	8.3		4.1	95.9
MD	22.3	43.9	28.3	1.8	3.7		16.3	83.7
MA	14.8	39.4	29.4	2.8	13.5		11.0	89.0
MI	21.0	41.7	32.8	3.1	1.4		8.4	91.6
MN	20.3	17.8	57.4	.6	3.9		3.5	96.5
MS	19.6	28.6	47.1	1.2	3.5		7.3	92.7
MO	24.1	22.7	47.0	1.7	4.6		7.6	92.4
MT	22.5	28.8	42.1	2.0	4.6		4.7	95.3
NE	26.7	28.3	38.9	1.9	4.2		6.9	93.1
NV	23.6	26.8	42.7	3.0	4.0		6.2	93.8
NH	19.7	37.8	29.8	3.9	8.8		8.1	91.9
NJ	19.6	46.3	26.5	2.4	5.2		12.8	87.2
NM	21.9	31.5	38.8	2.1	5.8		5.7	94.3
NY	23.8	39.0	28.8	2.0	6.4		7.7	92.3
NC	18.5	38.1	34.9	3.2	5.3		12.7	87.3
ND	27.3	18.7	46.8	1.7	5.5		6.0	94.0
OH	21.2	37.9	34.2	1.7	4.9		6.6	93.4
OK	22.7	49.1	14.5	1.8	11.8		3.9	96.1
OR	19.3	29.8	38.1	3.9	8.9		7.7	92.3
PA	17.2	37.0	40.5	1.7	3.6		9.2	90.8
RI	19.6	43.0	29.4	1.7	6.3		16.8	83.2
SC	20.0	31.1	42.5	2.6	3.9		9.9	90.1
SD	25.8	42.9	12.4	5.1	13.8		3.3	96.7
TN	18.5	25.4	50.2	2.4	3.4		8.3	91.7
TX	18.6	28.8	46.8	1.4	4.5		7.2	92.8
UT	23.8	28.5	34.8	4.4	8.4		6.1	93.9
VT	20.3	53.3	11.2	3.6	11.7		4.4	95.6
VA	23.6	39.6	32.3	.9	3.6		13.2	86.8
WA	17.1	26.0	43.6	2.3	11.0		8.8	91.2
WV	19.0	37.9	36.6	2.5	4.0		9.0	91.0
WI	23.8	29.9	40.2	1.8	4.2		4.4	95.6
WY	25.3	31.5	39.1	1.2	3.0		4.8	95.2

Table F.6a Percent of Boat Operators Who Wear Type I PFDs by Boat Operated Most Often and State

	Type of Boat Operated Most Often											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	18.5	12.5	22.2	0	21.3	0	25.0	25.0	22.6	21.4	24.2	12.5
AK	21.0	25.0	17.6	15.4	16.7	0	30.0	0	24.7	37.9	21.7	20.0
AR	14.0	0	40.0	0	26.5	16.7	0	0	20.0	66.7	23.1	25.0
AZ	33.3	27.8	6.7	0	38.9	20.0	20.0	0	21.4	5.9	29.5	42.9
CA	30.0	28.3	16.7	11.1	10.0	0	26.3	42.9	21.2	22.7	21.4	25.0
CO	11.4	21.7	12.5	11.8	10.0	66.7	40.0	0	19.7	9.1	21.1	42.9
CT	26.4	20.0	42.1	0	0	0	39.1	46.2	14.1	33.3	15.0	40.0
DE	18.9	17.6	12.5	0	25.0	0	25.0	14.3	19.0	23.5	22.2	20.0
DC	13.6	17.1	30.0	33.3	0	0	20.0	0	10.3	31.8	22.7	22.2
FL	21.1	14.3	0	0	41.7	0	28.6	0	24.5	19.2	31.3	16.7
GA	14.8	7.7	25.0	9.1	11.4	25.0	0	0	18.7	20.0	22.2	12.5
HI	5.3	8.9	0	25.0	50.0	0	100.0	0	34.8	36.4	35.7	0
ID	24.4	28.6	25.0	16.7	18.8	0	0	0	24.7	50.0	18.0	33.3
IL	20.4	22.2	5.9	0	8.7	0	0	20.0	11.5	20.0	14.3	8.3
IN	24.5	57.1	39.1	20.0	13.6	33.3	25.0	0	29.4	31.3	43.8	25.0
IA	11.1	50.0	14.3	0	10.0	50.0	0	40.0	28.0	16.7	24.2	10.0
KS	9.8	50.0	38.5	16.7	22.2	25.0	16.7	0	20.5	0	18.8	20.0
KY	25.8	33.3	19.0	50.0	10.2	18.2	0	0	20.8	21.4	21.9	9.1
LA	29.4	25.0	0	0	0	0	0	0	14.9	20.0	16.7	41.7
ME	18.6	24.5	18.2	66.7	30.0	0	41.7	12.5	23.1	31.6	27.8	33.3
MD	32.7	3.7	25.0	10.0	42.9	0	23.8	12.5	22.7	22.0	31.8	0
MA	7.6	0	9.1	11.1	20.0	0	31.3	10.0	16.1	30.8	12.5	25.0
MI	15.7	20.0	17.4	0	21.2	0	10.0	12.5	22.4	27.3	26.3	0
MN	18.0	0	20.0	0	15.8	0	0	25.0	21.4	25.0	28.0	0
MS	16.7	37.5	13.3	0	31.8	50.0	40.0	66.7	16.7	56.3	19.2	0
MO	16.1	50.0	25.0	0	14.8	0	0	0	27.3	12.5	28.6	38.1
MT	14.0	5.9	38.5	6.9	33.3	0	25.0	50.0	25.7	23.1	17.8	30.0
NE	29.8	44.4	15.4	25.0	27.8	0	50.0	100.0	23.9	75.0	22.5	30.8
NV	28.0	14.3	42.9	11.1	33.3	25.0	0	16.7	23.5	29.0	23.0	22.2
NH	14.5	31.0	26.9	0	25.0	0	40.0	0	14.3	23.5	32.0	0
NJ	17.5	25.0	18.8	37.5	20.0	0	25.0	14.3	15.4	24.2	24.1	13.3
NM	15.6	6.7	8.3	0	16.7	16.7	16.7	33.3	29.7	16.7	18.3	25.0
NY	8.2	18.8	16.7	50.0	23.1	100.0	33.3	23.1	28.4	30.3	26.1	25.0
NC	16.3	36.4	28.6	33.3	13.6	0	60.0	0	16.5	15.4	18.2	10.0
ND	28.1	0	20.0	0	24.0	0	0	0	29.0	50.0	31.3	0
OH	8.9	42.9	7.1	0	35.3	0	0	25.0	23.6	26.7	26.5	11.1
OK	31.8	0	0	0	19.2	50.0	0	0	20.0	50.0	36.8	14.3
OR	25.9	16.1	16.7	21.4	0	0	0	16.7	20.9	34.5	13.3	0
PA	12.5	17.9	21.9	0	45.5	25.0	33.3	22.2	18.5	11.1	15.4	0
RI	20.0	14.3	28.6	66.7	0	0	29.6	28.6	7.0	25.0	33.3	0
SC	18.5	7.7	22.2	20.0	22.0	0	37.5	25.0	18.3	23.8	21.2	22.2
SD	23.8	25.0	25.0	0	25.0	0	0	0	25.2	0	30.0	50.0
TN	9.7	0	30.0	0	19.1	16.7	0	25.0	17.6	33.3	28.6	33.3
TX	3.3	0	20.0	28.6	23.1	0	60.0	25.0	19.4	11.1	24.6	6.3
UT	30.8	5.3	14.3	22.2	0	14.3	50.0	16.7	21.2	28.6	31.4	20.0
VT	15.9	22.2	38.9	20.0	0	0	20.0	16.7	18.2	25.0	37.5	0
VA	26.8	20.0	25.0	33.3	40.0	0	0	50.0	19.6	36.4	22.0	0
WA	26.7	10.7	16.0	14.3	0	0	25.0	25.0	12.8	30.4	15.4	18.2
WV	15.3	27.3	20.0	30.8	18.6	0	16.7	0	18.3	25.0	24.0	6.3
WI	25.9	10.0	29.4	0	25.9	0	25.0	14.3	23.2	0	39.1	0
WY	28.6	7.7	20.0	21.7	23.1	50.0	0	16.7	24.1	47.1	27.5	33.3

Table F.6b Percent of Boat Operators Who Wear Type II PFDs by Boat Operated Most Often and State

	Type of Boat Operated Most Often											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	51.9	50.0	44.4	66.7	23.4	0	50.0	75.0	20.0	42.9	27.3	50.0
AK	40.3	16.7	23.5	26.9	16.7	0	20.0	100.0	19.8	6.9	30.4	10.0
AR	54.0	33.3	0	83.3	20.6	16.7	0	0	16.8	0	17.9	31.3
AZ	37.5	27.8	60.0	44.4	33.3	20.0	20.0	57.1	23.2	23.5	27.3	42.9
CA	45.0	32.6	33.3	66.7	10.0	0	21.1	0	22.9	45.5	32.1	50.0
CO	65.7	21.7	56.3	41.2	50.0	0	20.0	33.3	15.4	9.1	47.4	50.0
CT	52.8	46.7	42.1	50.0	0	0	26.1	0	42.2	12.5	35.0	60.0
DE	64.2	58.8	43.8	25.0	41.7	0	0	57.1	39.3	44.1	44.4	66.7
DC	67.8	53.7	50.0	66.7	75.0	0	40.0	44.4	48.3	22.7	36.4	33.3
FL	57.9	50.0	75.0	33.3	16.7	0	28.6	75.0	32.7	53.8	27.1	33.3
GA	40.7	76.9	41.7	36.4	37.1	0	66.7	50.0	20.1	50.0	16.7	50.0
HI	68.4	53.6	50.0	25.0	50.0	0	0	100.0	26.1	36.4	35.7	50.0
ID	43.9	42.9	25.0	43.3	43.8	0	0	100.0	21.9	10.0	18.0	33.3
IL	51.0	11.1	70.6	0	56.5	33.3	42.9	20.0	28.5	26.7	33.3	58.3
IN	45.3	14.3	60.9	60.0	45.5	0	25.0	50.0	31.8	31.3	34.4	75.0
IA	41.3	10.0	42.9	75.0	25.0	0	0	20.0	12.8	33.3	30.3	20.0
KS	61.0	12.5	30.8	50.0	40.7	25.0	16.7	0	28.1	100.0	25.0	60.0
KY	54.8	33.3	52.4	50.0	32.7	9.1	0	20.0	18.1	42.9	18.8	45.5
LA	41.2	50.0	100.0	33.3	55.6	0	50.0	100.0	52.5	40.0	66.7	33.3
ME	50.5	45.3	36.4	0	20.0	0	8.3	25.0	27.4	31.6	16.7	33.3
MD	42.9	44.4	62.5	80.0	14.3	100.0	28.6	87.5	33.3	39.0	54.5	100.0
MA	45.5	58.3	36.4	33.3	20.0	0	37.5	60.0	37.9	26.9	25.0	25.0
MI	56.9	40.0	47.8	66.7	42.4	100.0	50.0	50.0	31.8	31.8	42.1	100.0
MN	42.0	0	20.0	0	23.7	0	0	25.0	10.5	25.0	20.0	66.7
MS	53.3	37.5	73.3	100.0	27.3	50.0	40.0	0	20.9	18.8	26.9	50.0
MO	44.6	0	50.0	83.3	29.6	0	0	0	9.7	37.5	25.7	23.8
MT	55.8	17.6	46.2	55.2	22.2	100.0	50.0	50.0	17.4	7.7	31.1	30.0
NE	59.6	44.4	46.2	50.0	22.2	0	25.0	0	19.6	0	25.0	30.8
NV	52.0	47.6	14.3	50.0	22.2	0	16.7	33.3	19.4	19.4	33.8	22.2
NH	53.0	13.8	46.2	100.0	33.3	0	0	87.5	26.2	41.2	32.0	0
NJ	57.5	25.0	62.5	37.5	40.0	0	37.5	57.1	46.2	48.5	44.8	40.0
NM	40.6	53.3	50.0	53.8	33.3	50.0	0	33.3	23.9	33.3	31.7	12.5
NY	57.1	53.1	66.7	25.0	46.2	0	16.7	30.8	32.1	27.3	34.8	50.0
NC	65.1	45.5	57.1	33.3	36.4	0	20.0	50.0	28.6	46.2	36.4	50.0
ND	31.3	50.0	40.0	25.0	20.0	0	33.3	100.0	12.6	25.0	25.0	25.0
OH	55.4	42.9	64.3	25.0	29.4	0	0	25.0	23.6	36.7	47.1	55.6
OK	36.4	50.0	60.0	66.7	50.0	0	100.0	100.0	54.3	50.0	28.9	85.7
OR	55.6	35.5	47.2	21.4	50.0	0	23.1	33.3	23.5	17.2	23.3	57.1
PA	43.8	32.1	50.0	80.0	36.4	50.0	16.7	66.7	22.8	22.2	30.8	60.0
RI	51.7	45.7	64.3	33.3	100.0	0	29.6	28.6	43.9	25.0	41.7	100.0
SC	40.7	53.8	33.3	60.0	26.8	0	25.0	50.0	23.2	33.3	45.5	55.6
SD	47.6	37.5	50.0	0	25.0	0	0	100.0	43.7	50.0	43.3	16.7
TN	45.2	66.7	30.0	66.7	21.3	0	100.0	50.0	17.6	11.1	34.3	16.7
TX	63.3	87.5	60.0	71.4	30.8	0	20.0	25.0	16.1	55.6	28.1	43.8
UT	48.7	21.1	71.4	33.3	66.7	28.6	50.0	66.7	19.7	14.3	25.7	60.0
VT	58.0	48.1	22.2	80.0	50.0	0	60.0	50.0	63.6	50.0	37.5	50.0
VA	43.9	66.7	56.3	33.3	30.0	0	16.7	50.0	37.0	36.4	41.5	50.0
WA	43.3	28.6	32.0	64.3	66.7	0	25.0	50.0	18.6	10.9	38.5	27.3
WV	57.6	36.4	42.9	38.5	37.2	0	16.7	0	27.9	25.0	32.0	62.5
WI	44.8	50.0	35.3	100.0	22.2	100.0	25.0	42.9	22.5	20.0	34.8	33.3
WY	44.9	61.5	53.3	47.8	30.8	0	50.0	66.7	22.2	11.8	30.0	33.3

Table F.6c Percent of Boat Operators Who Wear Type III PFDs by Boat Operated Most Often and State

	Type of Boat Operated Most Often											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	18.5	12.5	33.3	16.7	51.1	0	25.0	0	53.3	35.7	39.4	18.8
AK	25.8	37.5	58.8	38.5	66.7	0	30.0	0	34.0	37.9	34.8	50.0
AR	20.0	22.2	40.0	16.7	50.0	50.0	0	0	60.0	33.3	59.0	37.5
AZ	20.8	22.2	33.3	27.8	22.2	60.0	60.0	28.6	50.0	64.7	31.8	7.1
CA	20.0	15.2	25.0	11.1	60.0	50.0	36.8	28.6	41.5	31.8	23.2	0
CO	11.4	34.8	25.0	29.4	35.0	33.3	40.0	66.7	57.3	81.8	28.9	7.1
CT	15.3	20.0	15.8	33.3	100.0	0	26.1	23.1	37.5	41.7	20.0	0
DE	11.3	17.6	37.5	50.0	33.3	0	25.0	14.3	34.5	23.5	25.0	13.3
DC	11.9	17.1	0	0	25.0	100.0	30.0	55.6	20.7	36.4	31.8	22.2
FL	15.8	21.4	25.0	33.3	41.7	0	35.7	0	40.0	19.2	37.5	33.3
GA	25.9	7.7	25.0	45.5	51.4	75.0	33.3	0	55.4	20.0	46.3	37.5
HI	15.8	17.9	50.0	50.0	0	0	0	0	13.0	9.1	7.1	0
ID	14.6	14.3	37.5	30.0	37.5	0	66.7	0	47.3	30.0	58.0	25.0
IL	20.4	44.4	23.5	50.0	30.4	33.3	42.9	60.0	55.4	53.3	38.1	33.3
IN	17.0	28.6	0	0	36.4	66.7	25.0	50.0	37.6	37.5	21.9	0
IA	36.5	30.0	35.7	0	60.0	50.0	100.0	40.0	56.7	50.0	39.4	40.0
KS	22.0	12.5	23.1	16.7	37.0	50.0	33.3	100.0	50.0	0	45.8	20.0
KY	12.9	33.3	23.8	0	51.0	72.7	0	80.0	57.0	35.7	43.8	45.5
LA	17.6	0	0	33.3	11.1	0	50.0	0	12.8	0	16.7	16.7
ME	16.5	17.0	27.3	33.3	50.0	0	41.7	62.5	41.9	36.8	50.0	33.3
MD	20.4	48.1	6.3	10.0	42.9	0	28.6	0	36.4	39.0	13.6	0
MA	28.8	25.0	27.3	33.3	60.0	0	25.0	0	36.8	26.9	37.5	12.5
MI	27.5	26.7	30.4	33.3	33.3	0	30.0	37.5	41.2	31.8	26.3	0
MN	36.0	80.0	60.0	0	57.9	0	100.0	50.0	66.2	25.0	24.0	33.3
MS	16.7	12.5	13.3	0	36.4	0	0	33.3	59.0	12.5	46.2	50.0
MO	30.4	0	25.0	0	48.1	0	100.0	0	59.7	50.0	37.1	28.6
MT	14.0	47.1	15.4	20.7	38.9	0	25.0	0	54.2	61.5	51.1	40.0
NE	2.1	11.1	30.8	25.0	38.9	0	25.0	0	53.4	0	45.0	30.8
NV	20.0	9.5	28.6	27.8	44.4	75.0	66.7	33.3	52.9	45.2	32.4	55.6
NH	13.3	24.1	15.4	0	41.7	0	20.0	0	52.4	29.4	36.0	100.0
NJ	22.5	43.8	18.8	12.5	40.0	0	18.8	28.6	32.3	24.2	17.2	33.3
NM	31.3	20.0	25.0	38.5	37.5	33.3	50.0	33.3	44.2	50.0	36.7	50.0
NY	18.4	12.5	0	25.0	30.8	0	33.3	46.2	36.7	39.4	17.4	25.0
NC	9.3	18.2	14.3	0	40.9	0	20.0	25.0	48.1	38.5	33.3	30.0
ND	25.0	16.7	40.0	25.0	52.0	0	66.7	0	56.1	0	31.3	25.0
OH	28.6	14.3	28.6	25.0	23.5	0	0	25.0	48.1	36.7	20.6	22.2
OK	22.7	25.0	20.0	16.7	15.4	0	0	0	13.3	0	15.8	0
OR	11.1	19.4	25.0	25.0	50.0	0	38.5	50.0	47.7	37.9	50.0	35.7
PA	34.4	39.3	21.9	20.0	18.2	25.0	33.3	11.1	54.3	55.6	50.0	40.0
RI	21.7	22.9	0	0	0	0	33.3	35.7	43.9	45.0	25.0	0
SC	29.6	7.7	22.2	20.0	48.8	0	25.0	25.0	55.6	42.9	21.2	11.1
SD	19.0	12.5	0	0	37.5	0	0	0	11.9	0	10.0	0
TN	32.3	22.2	40.0	16.7	55.3	83.3	0	0	61.5	44.4	28.6	50.0
TX	23.3	0	20.0	0	46.2	0	20.0	50.0	62.2	33.3	35.1	25.0
UT	5.1	42.1	14.3	33.3	33.3	57.1	0	16.7	44.7	47.6	31.4	20.0
VT	15.9	7.4	16.7	0	0	0	0	16.7	6.8	0	0	50.0
VA	19.5	13.3	12.5	33.3	30.0	100.0	83.3	0	42.4	27.3	31.7	50.0
WA	13.3	39.3	32.0	14.3	33.3	0	30.0	25.0	56.4	54.3	34.6	27.3
WV	22.0	18.2	34.3	30.8	39.5	100.0	66.7	100.0	49.0	31.3	28.0	25.0
WI	19.0	20.0	35.3	0	40.7	0	50.0	28.6	52.3	70.0	13.0	33.3
WY	22.4	15.4	26.7	30.4	30.8	50.0	50.0	16.7	51.3	35.3	37.5	16.7

Table F.6d Percent of Boat Operators Who Wear Type V PFDs by Boat Operated Most Often and State

	Type of Boat Operated Most Often											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon-boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	3.7	12.5	0	0	2.1	0	0	0	1.0	0	0	0
AK	1.6	8.3	0	3.8	0	0	10.0	0	7.4	8.6	0	0
AR	6.0	11.1	0	0	0	0	0	0	1.1	0	0	0
AZ	4.2	0	0	22.2	0	0	0	0	.9	5.9	4.5	0
CA	0	2.2	0	0	0	0	10.5	14.3	5.9	0	3.6	0
CO	0	21.7	6.3	17.6	0	0	0	0	4.3	0	0	0
CT	1.4	10.0	0	16.7	0	0	4.3	0	0	0	0	0
DE	0	5.9	6.3	0	0	0	25.0	7.1	3.6	2.9	0	0
DC	3.4	7.3	20.0	0	0	0	0	0	17.2	4.5	0	22.2
FL	0	7.1	0	0	0	0	7.1	25.0	0	0	0	16.7
GA	3.7	7.7	8.3	0	0	0	0	50.0	2.9	10.0	7.4	0
HI	5.3	5.4	0	0	0	0	0	0	0	9.1	7.1	25.0
ID	0	14.3	12.5	0	0	0	0	0	2.7	0	2.0	0
IL	4.1	0	0	0	0	33.3	14.3	0	1.5	0	4.8	0
IN	1.9	0	0	0	4.5	0	0	0	0	0	0	0
IA	0	10.0	0	0	0	0	0	0	.6	0	3.0	10.0
KS	0	12.5	0	0	0	0	16.7	0	0	0	2.1	0
KY	3.2	0	0	0	2.0	0	0	0	.7	0	3.1	0
LA	0	0	0	0	0	0	0	0	2.1	20.0	0	8.3
ME	0	3.8	0	0	0	0	0	0	1.7	0	0	0
MD	2.0	3.7	0	0	0	0	0	0	3.0	0	0	0
MA	0	2.8	0	11.1	0	0	6.3	0	2.3	3.8	6.3	0
MI	0	6.7	4.3	0	3.0	0	10.0	0	2.4	4.5	5.3	0
MN	0	0	0	0	0	0	0	0	0	0	8.0	0
MS	3.3	0	0	0	0	0	20.0	0	.9	6.3	0	0
MO	0	0	0	0	0	0	0	0	1.3	0	5.7	4.8
MT	2.3	11.8	0	10.3	0	0	0	0	.7	0	0	0
NE	4.3	0	0	0	0	0	0	0	.6	0	5.0	0
NV	0	19.0	0	5.6	0	0	16.7	0	2.4	3.2	1.4	0
NH	7.2	3.4	0	0	0	0	20.0	12.5	2.4	0	0	0
NJ	2.5	0	0	0	0	0	6.3	0	0	3.0	3.4	6.7
NM	0	0	0	0	0	0	16.7	0	0	0	8.3	12.5
NY	0	6.3	0	0	0	0	8.3	0	0	3.0	8.7	0
NC	4.7	0	0	33.3	4.5	0	0	25.0	1.5	0	0	10.0
ND	0	16.7	0	25.0	0	0	0	0	.5	25.0	2.1	25.0
OH	1.8	0	0	0	5.9	0	0	25.0	0	0	2.9	0
OK	0	0	0	0	7.7	0	0	0	1.9	0	0	0
OR	0	9.7	2.8	21.4	0	0	7.7	0	2.0	3.4	0	0
PA	4.7	10.7	0	0	0	0	0	0	0	0	0	0
RI	0	0	0	0	0	0	3.7	7.1	0	5.0	0	0
SC	11.1	15.4	11.1	0	2.4	0	0	0	0	0	0	11.1
SD	0	12.5	0	0	0	0	0	0	5.9	50.0	3.3	0
TN	6.5	0	0	0	0	0	0	0	2.7	0	2.9	0
TX	3.3	0	0	0	0	0	0	0	0	0	3.5	6.3
UT	0	10.5	0	5.6	0	0	0	0	5.3	9.5	2.9	0
VT	0	3.7	0	0	0	0	20.0	0	4.5	25.0	12.5	0
VA	0	0	0	0	0	0	0	0	0	0	2.4	0
WA	3.3	0	0	0	0	0	10.0	0	1.9	4.3	0	9.1
WV	0	9.1	2.9	0	0	0	0	0	1.0	12.5	4.0	6.3
WI	3.4	10.0	0	0	3.7	0	0	0	0	0	4.3	33.3
WY	2.0	7.7	0	0	0	0	0	0	0	5.9	0	16.7

Table F.6e Percent of Boat Operators Who Wear Inflatable PFDs by Boat Operated Most Often and State

	Type of Boat Operated Most Often											
	Canoe	Kayak	Row-boat	Inflat-able	Pontoon boat	House-boat	Sailboat (motor)	Sailboat (sail only)	Open motor-boat	Cabin motor-boat	Personal water-craft	Other craft
AL	11.1	10.0	20.0	10.0	5.8	0	20.0	0	6.5	14.3	7.5	11.8
AK	8.8	3.2	5.6	10.3	0	0	40.0	66.7	18.3	25.9	8.0	8.3
AR	12.1	0	46.2	0	9.1	11.1	50.0	50.0	3.5	0	9.1	11.8
AZ	11.8	0	19.0	0	13.6	50.0	37.5	0	4.8	5.9	6.9	5.3
CA	4.2	0	0	20.0	9.1	0	42.9	14.3	5.3	18.2	7.2	0
CO	6.8	17.9	19.2	3.3	0	0	0	0	4.0	10.0	1.9	6.3
CT	6.3	8.9	0	50.0	0	0	25.0	23.5	8.6	14.8	26.1	11.1
DE	4.3	6.3	4.2	33.3	20.0	0	28.6	20.0	7.1	16.2	14.0	22.7
DC	3.3	7.2	8.3	22.2	25.0	0	38.5	20.8	2.0	16.0	17.9	22.2
FL	8.0	0	11.1	20.0	0	0	14.3	16.7	9.7	23.3	11.7	0
GA	4.1	5.0	5.9	16.7	2.9	0	20.0	0	6.8	20.0	11.9	0
HI	33.3	10.8	0	14.3	0	0	25.0	0	28.0	18.2	22.2	25.0
ID	5.6	0	8.3	4.5	11.1	0	33.3	0	9.3	0	3.0	13.3
IL	8.9	5.3	4.2	0	0	50.0	57.1	0	.7	11.1	9.3	5.6
IN	12.7	33.3	14.3	12.5	10.3	0	50.0	12.5	8.2	18.8	9.5	12.5
IA	15.6	20.0	4.5	0	8.0	0	0	12.5	2.8	0	4.7	6.7
KS	6.3	10.0	13.6	21.4	6.7	0	16.7	0	3.1	0	9.3	10.0
KY	13.0	16.7	13.8	22.2	9.5	7.7	0	20.0	5.5	7.1	4.7	0
LA	0	0	33.3	0	0	0	33.3	0	5.1	20.0	11.8	14.3
ME	2.6	3.2	8.3	33.3	0	0	27.3	0	1.7	14.3	0	0
MD	9.2	15.4	30.8	7.1	0	0	37.5	25.0	20.8	15.2	8.6	0
MA	7.1	5.9	16.7	27.3	0	0	21.1	5.9	9.2	30.8	4.5	25.0
MI	6.4	0	19.4	33.3	10.8	0	33.3	0	6.6	9.1	3.3	0
MN	6.2	0	10.5	25.0	2.3	0	33.3	0	2.3	33.3	0	0
MS	7.3	0	35.0	33.3	8.0	0	20.0	25.0	5.4	0	8.8	0
MO	8.2	12.5	12.5	0	9.7	0	100.0	0	7.1	0	6.8	4.2
MT	3.3	5.3	13.3	4.8	5.6	0	0	0	3.9	6.7	3.3	18.2
NE	9.2	0	0	15.4	22.2	0	0	0	3.2	25.0	8.6	5.9
NV	11.1	8.0	14.3	5.0	16.7	0	33.3	14.3	1.1	9.4	7.5	22.2
NH	5.9	9.5	5.3	0	0	0	71.4	27.3	7.8	11.8	3.6	0
NJ	11.8	3.0	12.5	25.0	0	0	42.1	0	14.1	13.5	8.2	6.7
NM	7.0	0	10.5	6.3	6.5	12.5	16.7	0	3.1	0	6.2	17.6
NY	5.7	0	9.1	28.6	0	0	40.0	13.3	7.5	3.0	9.4	28.6
NC	12.3	21.1	28.6	0	0	0	40.0	16.7	12.1	16.7	9.8	7.7
ND	6.4	7.7	0	0	5.7	0	0	33.3	4.8	25.0	8.2	20.0
OH	8.9	5.0	0	14.3	4.8	0	25.0	0	5.9	8.8	6.3	7.7
OK	0	0	0	0	6.9	33.3	0	0	6.0	0	0	0
OR	2.9	5.9	5.7	9.1	20.0	0	57.1	0	3.7	21.9	5.6	0
PA	10.6	17.6	10.0	7.1	5.3	33.3	33.3	0	4.5	10.0	10.0	0
RI	22.0	0	6.3	0	0	0	28.6	37.0	11.1	13.0	14.3	33.3
SC	15.8	9.5	20.0	12.5	12.8	0	27.3	0	6.4	9.1	9.1	0
SD	4.3	0	0	0	0	0	0	0	3.3	0	6.1	0
TN	7.7	0	22.2	0	1.9	50.0	33.3	0	6.6	10.0	14.6	9.1
TX	10.6	0	12.5	22.2	5.9	0	16.7	20.0	4.5	0	10.8	5.0
UT	1.7	4.2	0	14.8	7.1	0	20.0	0	4.2	3.8	8.0	22.2
VT	1.3	11.1	0	16.7	0	0	20.0	0	2.0	12.5	0	14.3
VA	11.3	14.8	3.4	46.2	7.7	0	9.1	0	13.0	18.2	12.1	14.3
WA	10.3	5.1	11.5	5.9	33.3	0	36.4	0	2.5	15.2	6.1	33.3
WV	0	23.1	12.8	0	10.2	0	11.1	50.0	8.8	26.7	13.5	0
WI	5.9	0	0	0	3.3	0	0	10.0	3.0	8.3	13.3	11.1
WY	2.8	5.6	0	11.5	0	0	0	0	4.7	5.3	5.1	18.2

Table F.6f Percent of Boat Operators Who Wear Non-inflatable (Inherently Buoyant) PFDs by Boat Operated Most Often and State

	Type of Boat Operated Most Often											
	Canoe	Kayak	Row - boat	Inflat- able	Pontoon boat	House- boat	Sailboat (motor)	Sailboat (sail only)	Open motor- boat	Cabin motor- boat	Personal water- craft	Other craft
AL	88.9	90.0	80.0	90.0	94.2	100.0	80.0	100.0	93.5	85.7	92.5	88.2
AK	91.2	96.8	94.4	89.7	100.0	0	60.0	33.3	81.7	74.1	92.0	91.7
AR	87.9	100.0	53.8	100.0	90.9	88.9	50.0	50.0	96.5	100.0	90.9	88.2
AZ	88.2	100.0	81.0	100.0	86.4	50.0	62.5	100.0	95.2	94.1	93.1	94.7
CA	95.8	100.0	100.0	80.0	90.9	100.0	57.1	85.7	94.7	81.8	92.8	100.0
CO	93.2	82.1	80.8	96.7	100.0	100.0	100.0	100.0	96.0	90.0	98.1	93.8
CT	93.7	91.1	100.0	50.0	100.0	0	75.0	76.5	91.4	85.2	73.9	88.9
DE	95.7	93.8	95.8	66.7	80.0	0	71.4	80.0	92.9	83.8	86.0	77.3
DC	96.7	92.8	91.7	77.8	75.0	100.0	61.5	79.2	98.0	84.0	82.1	77.8
FL	92.0	100.0	88.9	80.0	100.0	0	85.7	83.3	90.3	76.7	88.3	100.0
GA	95.9	95.0	94.1	83.3	97.1	100.0	80.0	100.0	93.2	80.0	88.1	100.0
HI	66.7	89.2	100.0	85.7	100.0	0	75.0	100.0	72.0	81.8	77.8	75.0
ID	94.4	100.0	91.7	95.5	88.9	0	66.7	100.0	90.7	100.0	97.0	86.7
IL	91.1	94.7	95.8	100.0	100.0	50.0	42.9	100.0	99.3	88.9	90.7	94.4
IN	87.3	66.7	85.7	87.5	89.7	100.0	50.0	87.5	91.8	81.3	90.5	87.5
IA	84.4	80.0	95.5	100.0	92.0	100.0	100.0	87.5	97.2	100.0	95.3	93.3
KS	93.8	90.0	86.4	78.6	93.3	100.0	83.3	100.0	96.9	100.0	90.7	90.0
KY	87.0	83.3	86.2	77.8	90.5	92.3	0	80.0	94.5	92.9	95.3	100.0
LA	100.0	100.0	66.7	100.0	100.0	0	66.7	100.0	94.9	80.0	88.2	85.7
ME	97.4	96.8	91.7	66.7	100.0	0	72.7	100.0	98.3	85.7	100.0	100.0
MD	90.8	84.6	69.2	92.9	100.0	100.0	62.5	75.0	79.2	84.8	91.4	100.0
MA	92.9	94.1	83.3	72.7	100.0	0	78.9	94.1	90.8	69.2	95.5	75.0
MI	93.6	100.0	80.6	66.7	89.2	100.0	66.7	100.0	93.4	90.9	96.7	100.0
MN	93.8	100.0	89.5	75.0	97.7	0	66.7	100.0	97.7	66.7	100.0	100.0
MS	92.7	100.0	65.0	66.7	92.0	100.0	80.0	75.0	94.6	100.0	91.2	100.0
MO	91.8	87.5	87.5	100.0	90.3	100.0	0	100.0	92.9	100.0	93.2	95.8
MT	96.7	94.7	86.7	95.2	94.4	100.0	100.0	100.0	96.1	93.3	96.7	81.8
NE	90.8	100.0	100.0	84.6	77.8	0	100.0	100.0	96.8	75.0	91.4	94.1
NV	88.9	92.0	85.7	95.0	83.3	100.0	66.7	85.7	98.9	90.6	92.5	77.8
NH	94.1	90.5	94.7	100.0	100.0	0	28.6	72.7	92.2	88.2	96.4	100.0
NJ	88.2	97.0	87.5	75.0	100.0	0	57.9	100.0	85.9	86.5	91.8	93.3
NM	93.0	100.0	89.5	93.8	93.5	87.5	83.3	100.0	96.9	100.0	93.8	82.4
NY	94.3	100.0	90.9	71.4	100.0	100.0	60.0	86.7	92.5	97.0	90.6	71.4
NC	87.7	78.9	71.4	100.0	100.0	100.0	60.0	83.3	87.9	83.3	90.2	92.3
ND	93.6	92.3	100.0	100.0	94.3	100.0	100.0	66.7	95.2	75.0	91.8	80.0
OH	91.1	95.0	100.0	85.7	95.2	100.0	75.0	100.0	94.1	91.2	93.8	92.3
OK	100.0	100.0	100.0	100.0	93.1	66.7	100.0	100.0	94.0	100.0	100.0	100.0
OR	97.1	94.1	94.3	90.9	80.0	0	42.9	100.0	96.3	78.1	94.4	100.0
PA	89.4	82.4	90.0	92.9	94.7	66.7	66.7	100.0	95.5	90.0	90.0	100.0
RI	78.0	100.0	93.8	100.0	100.0	0	71.4	63.0	88.9	87.0	85.7	66.7
SC	84.2	90.5	80.0	87.5	87.2	0	72.7	100.0	93.6	90.9	90.9	100.0
SD	95.7	100.0	100.0	100.0	100.0	0	0	100.0	96.7	100.0	93.9	100.0
TN	92.3	100.0	77.8	100.0	98.1	50.0	66.7	100.0	93.4	90.0	85.4	90.9
TX	89.4	100.0	87.5	77.8	94.1	0	83.3	80.0	95.5	100.0	89.2	95.0
UT	98.3	95.8	100.0	85.2	92.9	100.0	80.0	100.0	95.8	96.2	92.0	77.8
VT	98.7	88.9	100.0	83.3	100.0	0	80.0	100.0	98.0	87.5	100.0	85.7
VA	88.8	85.2	96.6	53.8	92.3	100.0	90.9	100.0	87.0	81.8	87.9	85.7
WA	89.7	94.9	88.5	94.1	66.7	100.0	63.6	100.0	97.5	84.8	93.9	66.7
WV	100.0	76.9	87.2	100.0	89.8	100.0	88.9	50.0	91.2	73.3	86.5	100.0
WI	94.1	100.0	100.0	100.0	96.7	100.0	100.0	90.0	97.0	91.7	86.7	88.9
WY	97.2	94.4	100.0	88.5	100.0	100.0	100.0	100.0	95.3	94.7	94.9	81.8

Table F.7a Percent of Boat Operators who “Always” Wear PFDs by Age and State

	Age of Boat Operator						
	13 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 or older
AL	50.0	40.7	37.1	31.3	31.7	34.5	50.0
AK	51.9	49.2	40.8	50.3	49.1	30.6	50.0
AR	63.2	43.8	47.3	36.5	39.4	33.8	43.5
AZ	62.9	51.9	38.0	30.7	31.0	20.0	37.1
CA	46.2	47.4	43.4	28.1	30.1	23.2	20.7
CO	61.1	44.6	46.0	43.9	37.6	27.1	40.0
CT	53.8	44.3	48.5	29.2	24.4	36.8	43.5
DE	75.9	46.8	43.4	35.1	36.2	16.9	38.2
DC	65.2	54.4	48.4	40.4	51.6	29.4	31.3
FL	58.1	42.6	33.7	25.4	17.3	17.6	9.7
GA	51.4	45.3	41.4	34.8	25.0	34.5	35.3
HI	39.5	30.8	37.3	20.0	28.2	44.4	25.0
ID	46.7	48.1	41.7	35.1	38.8	24.1	16.7
IL	69.2	41.8	43.3	28.9	33.7	24.1	29.6
IN	47.4	40.2	45.5	30.9	25.3	21.5	15.4
IA	64.0	36.1	30.0	25.2	23.5	23.3	41.7
KS	54.8	44.7	39.4	37.0	23.0	31.8	20.8
KY	82.1	39.7	40.3	35.9	32.6	37.2	53.8
LA	32.3	24.3	26.7	30.3	25.9	38.1	50.0
ME	53.3	37.9	37.9	42.0	29.0	13.3	28.6
MD	60.0	50.8	50.0	31.5	36.2	21.7	25.0
MA	52.4	51.7	32.3	40.3	30.3	25.0	25.0
MI	57.1	31.7	27.0	32.6	25.9	14.5	14.3
MN	50.0	40.0	25.4	20.2	25.7	13.7	16.3
MS	58.3	37.3	39.5	38.4	30.5	40.8	43.3
MO	47.4	31.1	20.4	24.6	29.9	19.1	43.8
MT	54.3	33.8	40.4	30.2	29.6	22.2	39.1
NE	66.7	41.2	39.2	36.6	32.3	22.2	36.0
NV	58.1	42.9	41.4	38.8	32.3	15.0	27.3
NH	47.1	40.4	35.8	36.5	35.2	25.0	34.6
NJ	62.5	56.0	43.2	31.6	32.1	28.6	23.3
NM	65.9	55.6	53.3	32.4	39.0	31.5	31.3
NY	57.9	58.5	38.0	34.3	31.5	14.8	16.2
NC	35.3	52.8	37.1	33.3	28.6	37.3	35.7
ND	55.2	42.0	31.7	28.4	24.2	23.3	28.0
OH	59.4	43.4	43.8	30.9	24.4	27.5	35.7
OK	59.3	38.9	39.3	29.2	35.8	28.0	20.0
OR	35.5	37.2	40.7	29.1	24.5	16.7	16.7
PA	60.6	39.2	51.2	47.2	26.0	30.4	18.2
RI	40.5	51.3	49.5	40.3	30.3	30.4	36.1
SC	48.3	39.7	35.5	36.3	29.2	31.4	24.1
SD	25.9	31.6	23.8	23.3	27.9	23.8	25.0
TN	64.7	37.3	35.6	39.8	33.0	35.1	42.3
TX	57.7	52.8	39.2	33.3	31.9	31.7	23.5
UT	66.7	60.6	45.7	40.2	40.0	27.0	11.8
VT	64.7	30.0	28.0	36.3	42.9	43.5	22.2
VA	78.0	50.0	39.6	50.4	41.3	26.4	45.5
WA	51.9	46.2	34.7	24.4	27.3	15.5	24.1
WV	55.2	52.4	43.1	33.0	31.4	20.0	25.9
WI	61.1	41.5	33.3	23.9	24.1	21.5	20.0
WY	56.1	42.9	38.7	32.4	25.5	22.9	13.6

**Table F.7b Percent of Boat Operators who Wear PFDs “Most of the Time”
by Age and State**

	Age of Boat Operator						
	13 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 or older
AL	11.1	23.7	14.3	8.7	10.6	19.0	26.7
AK	7.4	13.1	10.2	12.4	16.0	19.4	0
AR	5.3	12.3	15.1	19.1	10.1	16.2	17.4
AZ	14.3	13.0	6.3	12.3	14.9	20.0	2.9
CA	15.4	12.3	7.5	4.7	5.4	7.1	17.2
CO	16.7	13.8	6.0	10.8	9.4	12.5	6.7
CT	33.3	11.4	10.3	11.7	15.4	8.8	13.0
DE	0	15.2	12.1	13.4	7.4	10.2	8.8
DC	13.0	4.4	12.3	21.1	7.8	5.9	18.8
FL	19.4	9.8	8.4	8.5	12.2	5.9	19.4
GA	21.6	10.9	8.6	12.5	18.2	12.7	23.5
HI	15.8	12.3	5.9	10.7	5.1	5.6	0
ID	10.0	17.3	12.5	14.5	15.0	16.7	5.6
IL	7.7	11.9	14.4	7.9	6.7	12.1	18.5
IN	15.8	19.5	10.9	16.0	13.8	12.3	15.4
IA	16.0	18.1	10.0	15.1	14.7	20.0	22.2
KS	28.6	8.5	7.4	17.6	14.9	22.7	25.0
KY	7.1	14.7	11.3	16.2	20.2	25.6	11.5
LA	35.5	10.8	16.0	13.6	24.1	9.5	21.4
ME	20.0	18.2	9.5	5.0	15.0	13.3	9.5
MD	20.0	10.2	6.7	7.2	11.2	5.0	8.3
MA	19.0	5.0	11.8	6.5	13.8	8.3	8.3
MI	17.9	6.3	13.0	9.1	15.3	7.3	22.9
MN	22.7	5.0	9.9	14.0	17.1	26.0	30.2
MS	11.1	17.6	13.2	13.1	18.8	15.8	33.3
MO	23.7	16.4	15.7	22.5	17.2	23.4	25.0
MT	17.1	15.4	11.7	11.2	9.2	14.3	8.7
NE	19.4	13.2	12.4	13.0	8.1	15.6	12.0
NV	16.1	16.1	8.6	9.7	10.1	15.0	13.6
NH	47.1	17.5	14.7	14.2	11.0	12.5	11.5
NJ	3.1	8.0	11.1	11.1	8.0	7.9	10.0
NM	6.8	17.5	13.3	13.7	17.1	20.4	28.1
NY	15.8	7.3	10.9	12.0	7.2	8.0	2.7
NC	29.4	8.3	17.1	16.7	8.2	9.8	10.7
ND	17.2	16.0	15.9	19.4	17.9	20.9	24.0
OH	25.0	13.3	14.6	13.7	9.0	7.8	14.3
OK	14.8	13.0	9.8	19.4	18.9	8.0	40.0
OR	19.4	11.6	7.4	17.3	12.7	19.4	3.3
PA	24.2	17.6	12.8	6.3	13.0	12.5	9.1
RI	16.2	11.5	11.1	7.6	7.9	10.9	8.3
SC	13.8	17.2	15.1	15.9	20.8	14.3	20.7
SD	25.9	7.9	15.0	13.7	16.3	33.3	25.0
TN	5.9	20.0	15.8	15.0	20.9	22.8	23.1
TX	23.1	18.1	10.8	16.3	10.6	13.3	29.4
UT	22.2	8.5	11.4	8.9	12.9	8.1	5.9
VT	29.4	6.7	12.0	11.8	12.7	17.4	22.2
VA	2.4	15.4	6.6	7.4	13.3	11.3	0
WA	14.8	7.7	16.8	11.5	10.1	15.5	24.1
WV	13.8	7.1	12.7	9.3	12.4	8.0	14.8
WI	22.2	7.7	14.1	12.7	12.6	8.9	20.0
WY	14.6	15.9	16.0	9.0	12.2	16.7	22.7

Table F.7c Percent of Boat Operators who Wear PFDs “Sometimes” by Age and State

	Age of Boat Operator						
	13 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 or older
AL	0	20.3	19.0	28.7	26.9	17.2	16.7
AK	7.4	16.4	17.3	13.7	13.2	25.0	31.3
AR	21.1	21.9	15.1	20.9	15.2	21.6	17.4
AZ	8.6	7.8	17.7	14.0	20.7	26.7	25.7
CA	11.5	12.3	11.3	12.5	15.1	21.4	13.8
CO	11.1	13.8	17.0	16.5	18.8	25.0	33.3
CT	2.6	10.0	7.2	10.8	16.7	19.3	21.7
DE	10.3	5.1	13.1	18.6	14.9	18.6	14.7
DC	8.7	3.3	11.0	12.3	10.9	14.7	18.8
FL	9.7	14.8	12.0	12.7	9.2	17.6	25.8
GA	18.9	18.8	16.4	11.6	14.8	18.2	23.5
HI	10.5	4.6	5.9	10.7	5.1	22.2	12.5
ID	30.0	11.1	13.5	13.0	17.5	24.1	33.3
IL	3.8	20.9	14.4	18.4	20.2	19.0	18.5
IN	0	16.1	8.9	10.6	17.2	13.8	23.1
IA	4.0	18.1	21.3	28.6	20.6	23.3	19.4
KS	7.1	16.0	28.7	16.8	28.4	25.0	12.5
KY	3.6	22.1	21.8	14.5	19.1	16.3	11.5
LA	6.5	21.6	22.7	19.7	14.8	14.3	21.4
ME	6.7	6.1	16.8	17.6	6.0	21.7	16.7
MD	20.0	6.8	10.0	11.7	13.8	25.0	12.5
MA	23.8	8.3	12.9	18.5	16.5	18.8	25.0
MI	7.1	22.2	13.0	13.6	8.2	27.3	17.1
MN	18.2	16.7	18.3	25.4	21.0	19.2	27.9
MS	16.7	17.6	13.2	17.2	18.8	23.7	6.7
MO	2.6	18.0	25.9	18.1	20.7	23.4	12.5
MT	8.6	15.4	10.6	19.0	16.3	17.5	17.4
NE	5.6	14.7	16.5	22.0	29.3	22.2	28.0
NV	6.5	8.9	14.7	12.6	22.2	26.7	22.7
NH	5.9	12.3	7.4	15.5	13.2	16.1	7.7
NJ	12.5	0	8.6	12.8	16.1	17.5	20.0
NM	11.4	6.3	16.7	22.5	14.3	24.1	15.6
NY	5.3	22.0	7.6	10.2	10.8	15.9	13.5
NC	5.9	11.1	17.1	16.7	20.4	15.7	21.4
ND	20.7	9.9	24.4	22.4	26.3	23.3	16.0
OH	3.1	14.5	9.4	14.4	24.4	23.5	21.4
OK	11.1	18.5	23.0	19.4	22.6	40.0	20.0
OR	22.6	18.6	14.8	22.8	27.3	23.6	33.3
PA	12.1	12.2	5.8	19.0	18.2	23.2	22.7
RI	18.9	7.7	12.1	7.6	21.1	19.6	19.4
SC	17.2	10.3	14.0	19.5	12.5	15.7	3.4
SD	25.9	21.1	20.0	27.4	18.6	19.0	37.5
TN	17.6	17.3	23.8	19.5	19.8	15.8	15.4
TX	7.7	9.7	13.7	18.7	19.1	25.0	35.3
UT	5.6	13.8	20.0	19.6	15.7	29.7	29.4
VT	5.9	16.7	20.0	16.7	9.5	4.3	0
VA	0	3.8	17.6	14.8	13.3	18.9	13.6
WA	18.5	7.7	23.8	19.1	20.2	24.1	20.7
WV	3.4	7.1	19.6	20.6	19.0	36.0	25.9
WI	5.6	10.8	14.1	22.5	23.0	17.7	24.0
WY	22.0	9.5	9.3	20.0	28.6	20.8	31.8

Table F.7d Percent of Boat Operators who Wear PFDs “Rarely” by Age and State

	Age of Boat Operator						
	13 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 or older
AL	22.2	3.4	11.4	12.2	19.2	19.0	6.7
AK	3.7	11.5	13.3	11.1	13.2	2.8	12.5
AR	5.3	8.2	9.7	10.4	18.2	14.9	4.3
AZ	0	10.4	11.4	20.2	14.9	20.0	17.1
CA	11.5	7.0	18.9	24.2	30.1	23.2	10.3
CO	0	7.7	15.0	12.9	17.6	20.8	20.0
CT	2.6	12.9	12.4	18.3	16.7	15.8	17.4
DE	3.4	8.9	14.1	15.5	17.0	22.0	17.6
DC	0	7.8	4.5	6.1	9.4	17.6	18.8
FL	3.2	6.6	10.8	18.6	26.5	14.7	16.1
GA	2.7	12.5	11.2	13.4	26.1	16.4	11.8
HI	7.9	15.4	7.8	18.7	2.6	5.6	12.5
ID	3.3	8.6	14.6	16.8	6.3	24.1	22.2
IL	15.4	6.0	15.4	20.2	16.9	17.2	18.5
IN	10.5	2.3	13.9	20.2	21.8	23.1	23.1
IA	8.0	11.1	15.0	16.0	23.5	11.7	8.3
KS	7.1	9.6	8.5	12.6	20.3	9.1	16.7
KY	0	13.2	11.3	17.9	18.0	9.3	11.5
LA	12.9	13.5	16.0	18.2	16.7	19.0	0
ME	6.7	10.6	10.5	17.6	24.0	21.7	23.8
MD	0	16.9	11.1	21.6	12.9	18.3	29.2
MA	0	16.7	11.8	16.9	15.6	20.8	29.2
MI	3.6	9.5	18.0	10.6	21.2	25.5	20.0
MN	4.5	15.0	31.0	15.8	22.9	23.3	16.3
MS	11.1	7.8	14.5	14.1	18.8	7.9	10.0
MO	13.2	16.4	14.8	8.0	13.8	17.0	12.5
MT	5.7	13.8	18.1	21.6	29.6	22.2	8.7
NE	2.8	2.9	16.5	15.4	18.2	20.0	16.0
NV	6.5	16.1	13.8	25.2	20.2	21.7	18.2
NH	0	8.8	9.5	9.5	19.8	25.0	23.1
NJ	3.1	8.0	8.6	13.7	17.0	17.5	16.7
NM	6.8	9.5	8.9	14.7	19.0	11.1	15.6
NY	5.3	4.9	14.1	18.5	24.3	26.1	27.0
NC	5.9	8.3	13.3	19.2	20.4	13.7	14.3
ND	0	14.8	12.2	17.9	18.9	20.9	20.0
OH	0	14.5	10.4	15.8	20.5	21.6	21.4
OK	7.4	11.1	18.0	11.1	13.2	8.0	20.0
OR	3.2	7.0	19.8	14.2	14.5	26.4	26.7
PA	0	13.5	14.0	11.3	16.9	14.3	22.7
RI	8.1	7.7	9.1	19.3	15.8	17.4	19.4
SC	13.8	10.3	12.9	13.3	21.9	18.6	17.2
SD	7.4	21.1	16.3	16.4	20.9	4.8	12.5
TN	11.8	16.0	16.8	15.9	14.3	14.0	7.7
TX	7.7	5.6	17.6	18.7	21.3	16.7	5.9
UT	3.7	9.6	7.6	19.6	18.6	18.9	47.1
VT	0	13.3	16.0	11.8	15.9	8.7	33.3
VA	9.8	15.4	13.2	12.6	10.7	26.4	18.2
WA	0	7.7	9.9	29.8	27.3	25.9	13.8
WV	10.3	15.5	13.7	15.5	21.9	22.0	22.2
WI	5.6	16.9	15.4	16.9	23.0	22.8	24.0
WY	4.9	14.3	21.3	19.3	18.4	31.3	22.7

Table F.7e Percent of Boat Operators who “Never” Wear PFDs by Age and State

	Age of Boat Operator						
	13 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 or older
AL	16.7	11.9	18.1	19.1	11.5	10.3	0
AK	29.6	9.8	18.4	12.4	8.5	22.2	6.3
AR	5.3	13.7	12.9	13.0	17.2	13.5	17.4
AZ	14.3	16.9	26.6	22.8	18.4	13.3	17.1
CA	15.4	21.1	18.9	30.5	19.4	25.0	37.9
CO	11.1	20.0	16.0	15.8	16.5	14.6	0
CT	7.7	21.4	21.6	30.0	26.9	19.3	4.3
DE	10.3	24.1	17.2	17.5	24.5	32.2	20.6
DC	13.0	30.0	23.9	20.2	20.3	32.4	12.5
FL	9.7	26.2	34.9	34.7	34.7	44.1	29.0
GA	5.4	12.5	22.4	27.7	15.9	18.2	5.9
HI	26.3	36.9	43.1	40.0	59.0	22.2	50.0
ID	10.0	14.8	17.7	20.6	22.5	11.1	22.2
IL	3.8	19.4	12.5	24.6	22.5	27.6	14.8
IN	26.3	21.8	20.8	22.3	21.8	29.2	23.1
IA	8.0	16.7	23.8	15.1	17.6	21.7	8.3
KS	2.4	21.3	16.0	16.0	13.5	11.4	25.0
KY	7.1	10.3	15.3	15.4	10.1	11.6	11.5
LA	12.9	29.7	18.7	18.2	18.5	19.0	7.1
ME	13.3	27.3	25.3	17.6	26.0	30.0	21.4
MD	0	15.3	22.2	27.9	25.9	30.0	25.0
MA	4.8	18.3	31.2	17.7	23.9	27.1	12.5
MI	14.3	30.2	29.0	34.1	29.4	25.5	25.7
MN	4.5	23.3	15.5	24.6	13.3	17.8	9.3
MS	2.8	19.6	19.7	17.2	13.3	11.8	6.7
MO	13.2	18.0	23.1	26.8	18.4	17.0	6.3
MT	14.3	21.5	19.1	18.1	15.3	23.8	26.1
NE	5.6	27.9	15.5	13.0	12.1	20.0	8.0
NV	12.9	16.1	21.6	13.6	15.2	21.7	18.2
NH	0	21.1	32.6	24.3	20.9	21.4	23.1
NJ	18.8	28.0	28.4	30.8	26.8	28.6	30.0
NM	9.1	11.1	7.8	16.7	10.5	13.0	9.4
NY	15.8	7.3	29.3	25.0	26.1	35.2	40.5
NC	23.5	19.4	15.2	14.2	22.4	23.5	17.9
ND	6.9	17.3	15.9	11.9	12.6	11.6	12.0
OH	12.5	14.5	21.9	25.2	21.8	19.6	7.1
OK	7.4	18.5	9.8	20.8	9.4	16.0	0
OR	19.4	25.6	17.3	16.5	20.9	13.9	20.0
PA	3.0	17.6	16.3	16.2	26.0	19.6	27.3
RI	16.2	21.8	18.2	25.2	25.0	21.7	16.7
SC	6.9	22.4	22.6	15.0	15.6	20.0	34.5
SD	14.8	18.4	25.0	19.2	16.3	19.0	0
TN	0	9.3	7.9	9.7	12.1	12.3	11.5
TX	3.8	13.9	18.6	13.0	17.0	13.3	5.9
UT	1.9	7.4	15.2	11.6	12.9	16.2	5.9
VT	0	33.3	24.0	23.5	19.0	26.1	22.2
VA	9.8	15.4	23.1	14.8	21.3	17.0	22.7
WA	14.8	30.8	14.9	15.3	15.2	19.0	17.2
WV	17.2	17.9	10.8	21.6	15.2	14.0	11.1
WI	5.6	23.1	23.1	23.9	17.2	29.1	12.0
WY	2.4	17.5	14.7	19.3	15.3	8.3	9.1

Table F.7f Percent of Boat Occupants who “Always” Wear PFDs by Age and State

	Age of Boat Occupant								
	Under 6	6 to 12	13 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 or older
AL	95.5	75.4	43.6	31.8	31.1	27.7	24.3	33.6	42.8
AK	92.7	89.2	56.8	39.4	39.0	42.1	38.8	35.4	42.0
AR	97.0	84.9	49.8	38.7	34.3	33.1	35.5	32.7	42.4
AZ	93.3	86.2	37.3	26.5	28.7	23.8	19.6	21.2	21.8
CA	91.5	79.4	34.8	23.3	20.5	24.1	20.4	18.5	14.6
CO	89.9	76.0	47.5	38.3	30.7	34.0	21.3	22.4	29.8
CT	94.2	85.3	47.6	31.3	35.2	20.3	18.3	16.5	26.4
DE	96.0	88.2	47.5	28.6	24.2	21.5	19.1	28.3	25.8
DC	83.2	86.7	36.2	42.0	37.3	41.9	31.4	21.5	12.1
FL	90.3	65.7	25.6	20.6	16.1	14.3	13.6	12.0	11.4
GA	96.5	82.0	42.5	37.1	30.5	26.2	22.0	23.8	20.6
HI	84.8	63.2	38.9	20.6	27.0	22.1	19.4	25.8	11.8
ID	96.3	82.3	50.4	36.4	32.5	30.8	26.4	22.6	25.4
IL	95.4	83.6	38.7	26.2	29.9	24.0	21.6	22.7	26.1
IN	87.8	66.9	35.1	22.8	33.1	29.1	15.1	15.8	18.1
IA	87.0	75.5	41.2	28.2	26.0	19.5	22.7	23.3	29.3
KS	90.7	85.5	52.2	34.8	30.3	36.6	35.3	25.4	33.8
KY	89.6	80.9	47.7	33.6	36.4	31.5	35.2	35.2	34.3
LA	100.0	93.2	40.8	21.9	24.6	28.3	28.0	40.5	47.6
ME	98.0	91.9	44.5	21.9	27.2	30.1	27.2	21.3	27.0
MD	91.6	74.6	37.0	29.8	25.4	27.2	26.0	17.2	22.9
MA	90.4	84.4	45.7	31.1	33.3	30.4	33.4	22.3	20.6
MI	96.7	76.1	36.0	21.8	19.7	21.2	18.9	10.9	15.4
MN	97.7	74.2	37.7	24.4	18.8	22.0	20.8	17.3	30.2
MS	90.6	83.7	46.5	32.7	32.2	30.9	29.3	26.8	38.4
MO	97.1	73.7	35.9	22.6	20.5	26.1	24.3	25.5	35.3
MT	95.4	91.4	39.5	27.4	28.1	25.2	23.1	24.4	31.9
NE	93.3	84.7	53.5	29.9	24.4	26.6	26.8	24.6	39.0
NV	98.4	83.7	50.2	35.8	28.9	32.7	21.6	26.6	41.3
NH	97.1	79.0	38.9	25.8	24.2	24.4	21.8	19.7	15.7
NJ	91.9	78.1	39.8	27.8	26.5	25.6	26.5	9.8	10.0
NM	94.1	84.0	57.5	38.1	39.9	36.3	39.1	49.2	42.8
NY	95.5	80.0	30.7	26.5	20.3	24.3	17.7	10.8	18.1
NC	87.8	73.8	48.3	39.1	31.0	31.4	25.8	23.7	26.4
ND	91.2	80.6	44.0	27.1	28.3	21.1	21.9	25.3	35.4
OH	92.3	83.0	45.4	25.8	27.5	27.3	16.9	24.1	21.6
OK	92.3	82.5	57.3	27.4	27.3	25.0	24.4	16.3	25.0
OR	94.5	88.8	36.4	22.5	18.9	21.0	21.4	22.2	25.9
PA	93.7	84.6	43.9	31.6	32.7	34.9	23.9	28.6	15.9
RI	90.0	83.8	47.7	34.9	31.9	25.4	25.6	22.1	24.3
SC	86.3	76.4	34.9	24.4	24.1	26.0	21.5	18.7	16.0
SD	92.2	88.9	43.6	28.3	25.4	21.0	28.4	30.2	30.0
TN	96.5	84.0	52.0	35.7	30.9	35.0	32.2	34.2	46.9
TX	97.5	90.5	42.0	31.2	26.0	23.4	25.6	24.1	21.6
UT	95.9	87.6	49.2	32.8	32.4	32.8	29.3	27.1	24.7
VT	91.7	88.5	53.7	18.7	22.6	26.2	27.9	26.5	27.3
VA	89.2	80.3	57.7	38.1	36.3	36.3	31.7	26.1	21.3
WA	94.5	82.4	35.2	20.0	21.1	22.2	18.9	18.9	24.7
WV	95.3	78.3	43.0	32.1	32.4	30.3	31.3	27.1	31.2
WI	87.4	72.9	39.0	25.2	22.2	21.9	23.9	23.8	29.8
WY	94.7	83.0	48.4	29.3	32.7	34.4	29.4	24.5	31.9

Table F.7g Percent of Boat Occupants who Wear PFDs “Most of the Time” by Age and State

	Age of Boat Occupant								
	Under 6	6 to 12	13 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 or older
AL	3.0	13.8	14.2	12.7	13.2	16.1	17.4	14.3	15.7
AK	1.9	4.0	15.8	14.0	11.5	14.1	13.8	10.0	8.8
AR	2.2	11.6	11.9	12.7	12.9	13.6	11.1	13.3	9.7
AZ	2.3	8.2	16.8	10.9	12.5	13.3	16.7	14.2	17.8
CA	3.1	8.0	13.9	9.2	6.8	7.3	5.8	7.7	9.1
CO	5.2	11.6	16.6	14.2	10.6	14.9	10.1	7.0	5.9
CT	4.8	7.4	12.6	8.1	10.7	12.6	10.3	8.6	10.0
DE	.9	5.1	14.5	11.7	12.8	10.5	5.7	10.7	1.2
DC	13.1	7.2	18.6	12.9	12.9	7.6	7.2	7.9	8.8
FL	3.3	13.8	13.9	8.6	6.5	4.8	7.9	5.9	2.7
GA	1.8	8.8	17.8	9.5	7.5	11.0	9.3	9.7	6.5
HI	3.0	4.4	7.8	5.6	6.3	3.5	1.6	3.2	0
ID	2.6	11.5	13.1	11.4	8.8	13.2	11.8	9.0	10.4
IL	3.3	8.2	16.6	15.1	8.8	10.3	13.1	10.9	16.6
IN	5.2	13.0	14.1	15.5	9.2	7.2	14.1	7.1	11.0
IA	7.0	15.3	12.6	9.7	11.2	11.3	10.1	10.9	12.4
KS	2.2	7.8	16.3	14.3	15.6	12.1	15.5	19.7	20.0
KY	7.8	12.5	17.8	18.7	16.1	14.8	16.4	17.9	15.5
LA	0	4.1	21.4	14.6	17.5	10.1	17.3	11.9	4.8
ME	2.0	4.8	14.0	11.2	7.8	8.0	7.3	9.3	10.5
MD	3.0	11.7	15.3	7.9	9.0	8.3	4.5	7.4	8.4
MA	3.8	9.6	16.8	8.6	7.2	7.3	10.5	7.5	3.5
MI	1.4	9.3	9.1	6.3	8.2	8.4	9.9	4.9	6.3
MN	2.3	17.6	15.4	13.3	10.3	12.3	11.7	18.6	16.1
MS	3.2	6.2	18.2	13.5	16.0	8.7	9.6	12.8	8.2
MO	.7	14.9	17.4	16.1	12.7	12.9	17.4	15.8	10.5
MT	2.9	5.5	20.5	8.0	7.0	13.9	12.9	7.1	9.5
NE	2.9	7.7	12.3	13.2	13.6	15.4	11.3	15.5	12.3
NV	.8	8.7	10.0	8.7	6.2	7.6	7.5	8.5	7.5
NH	1.9	12.1	14.1	10.3	9.3	8.1	6.3	4.4	9.1
NJ	.4	9.8	9.1	4.2	7.3	8.0	3.8	4.4	4.5
NM	1.6	7.3	11.9	15.5	13.8	12.7	7.8	6.3	12.1
NY	1.1	11.4	13.0	7.3	8.5	6.7	7.8	7.8	5.7
NC	5.5	13.2	10.9	8.7	15.1	12.9	11.9	16.5	15.2
ND	4.4	12.3	19.3	15.3	16.7	20.4	17.3	14.2	13.4
OH	2.9	7.5	15.4	10.2	8.0	8.0	9.4	8.4	11.4
OK	3.1	6.8	14.5	17.7	14.0	16.7	14.1	16.3	10.7
OR	2.6	6.4	20.7	10.1	13.4	14.6	13.7	11.8	10.1
PA	3.8	8.6	16.1	16.6	12.0	11.0	12.2	7.0	7.6
RI	4.7	10.0	17.2	9.4	14.5	10.3	7.8	5.6	7.1
SC	5.8	13.6	21.5	15.9	17.5	17.1	11.1	17.5	12.8
SD	3.1	4.0	12.0	5.7	8.5	11.4	6.8	18.6	10.0
TN	2.1	10.5	13.7	13.4	15.2	13.5	14.2	16.5	14.8
TX	1.7	6.7	18.8	13.3	16.1	14.1	14.4	11.6	19.1
UT	3.1	7.5	18.6	14.8	12.3	11.8	8.6	10.2	7.7
VT	4.2	5.7	11.2	8.0	12.9	12.1	14.7	11.8	0
VA	3.7	9.9	10.5	12.2	11.2	8.4	6.7	7.4	7.8
WA	3.6	9.7	16.8	9.8	11.7	10.5	7.9	7.0	12.8
WV	.9	11.7	15.4	10.7	9.9	5.8	10.2	6.3	8.1
WI	5.4	11.2	15.6	10.1	11.4	7.5	6.3	3.8	6.8
WY	3.1	10.9	15.0	11.3	10.4	11.7	10.4	16.2	13.2

Table F.7h Percent of Boat Occupants who Wear PFDs “Sometimes” by Age and State

	Age of Boat Occupant								
	Under 6	6 to 12	13 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 or older
AL	0	7.8	23.9	24.1	24.9	24.3	20.1	19.4	15.7
AK	2.6	3.5	13.3	17.6	18.1	16.8	15.9	18.4	13.0
AR	0	2.3	24.1	22.3	23.2	23.9	23.4	25.4	22.9
AZ	.6	2.6	26.4	20.2	19.5	20.1	19.8	24.2	15.4
CA	1.3	6.1	21.8	15.2	14.5	18.6	16.9	19.3	17.2
CO	2.2	7.6	22.3	21.4	24.3	22.1	28.2	31.9	27.2
CT	.5	4.1	19.3	16.8	11.2	18.9	18.4	13.3	6.1
DE	1.3	1.7	16.1	19.5	14.9	21.7	17.0	12.2	10.4
DC	1.3	2.6	15.1	8.1	14.4	18.3	17.5	17.4	13.3
FL	.7	7.2	12.6	10.7	13.8	15.0	13.4	15.0	12.4
GA	1.2	5.3	18.8	18.1	17.6	16.7	14.9	13.9	15.6
HI	0	11.8	12.2	12.1	10.3	10.6	8.1	6.5	5.9
ID	0	3.2	20.2	17.9	21.0	20.8	23.4	22.7	23.7
IL	0	3.3	24.4	21.7	19.6	21.9	20.2	18.3	14.3
IN	1.5	11.4	15.7	20.5	16.5	18.6	20.0	20.4	22.0
IA	3.0	6.7	27.9	27.2	25.4	31.4	22.8	23.4	13.5
KS	2.7	2.8	20.3	20.8	28.1	24.4	22.5	17.1	9.1
KY	1.1	5.4	18.2	20.4	16.0	17.1	18.6	13.0	7.7
LA	0	0	14.6	25.0	20.2	20.2	24.0	9.5	9.5
ME	0	2.4	20.1	22.4	19.8	21.8	15.7	25.0	17.3
MD	2.9	9.5	23.1	14.2	18.2	17.3	18.7	18.5	10.4
MA	2.5	2.9	18.4	17.0	15.7	16.7	12.4	13.9	20.6
MI	0	7.4	26.0	24.7	22.6	19.4	16.9	31.3	23.3
MN	0	4.8	26.9	20.3	23.1	23.8	18.3	21.3	13.5
MS	3.4	6.2	16.3	17.3	19.1	22.7	24.4	23.2	15.5
MO	1.4	8.6	26.1	25.4	26.2	22.6	22.2	15.9	16.7
MT	0	.9	23.2	23.7	21.8	22.4	19.7	27.8	21.3
NE	1.9	3.8	19.8	26.8	24.4	25.8	21.7	22.9	18.7
NV	0	5.4	21.2	18.5	21.3	18.1	24.7	27.0	15.1
NH	.3	5.6	21.5	20.1	21.1	20.1	17.8	21.1	15.0
NJ	1.8	4.8	19.7	15.9	17.4	13.4	15.0	19.0	15.5
NM	2.2	3.6	18.3	23.5	21.6	21.9	24.3	20.6	18.6
NY	.6	3.6	24.8	15.9	15.1	15.1	14.0	16.3	13.2
NC	3.3	6.0	14.3	14.7	16.6	18.2	17.1	14.6	16.3
ND	2.5	2.4	20.6	26.4	24.4	28.1	28.5	28.1	24.2
OH	1.6	5.5	16.4	20.9	19.2	19.2	26.9	22.0	14.3
OK	1.5	6.8	16.4	20.2	25.6	20.4	23.1	34.7	10.7
OR	0	3.3	24.0	28.2	24.9	25.7	23.6	23.3	16.0
PA	0	2.2	22.0	20.7	19.8	16.8	22.1	19.8	9.8
RI	2.7	2.6	17.3	16.2	19.5	15.9	25.1	19.7	10.0
SC	5.1	6.7	20.4	23.0	20.7	16.9	19.7	19.0	14.2
SD	0	4.0	29.1	26.4	30.5	33.3	23.0	25.6	25.0
TN	.9	4.3	19.2	24.4	25.4	24.2	24.1	20.9	12.5
TX	0	1.8	22.8	24.2	20.5	25.1	19.7	21.5	13.1
UT	.7	3.5	20.4	27.8	27.0	23.4	24.0	25.8	28.2
VT	2.1	3.4	15.0	18.7	17.2	13.1	16.2	11.8	4.5
VA	2.4	5.2	14.8	16.7	17.2	20.9	21.4	25.2	24.6
WA	0	4.0	25.4	22.3	24.6	21.4	20.4	24.3	12.3
WV	2.3	7.1	20.0	19.7	23.1	24.1	22.0	21.6	17.4
WI	3.3	6.8	19.1	19.3	22.6	22.6	18.9	18.8	15.5
WY	.8	3.3	20.2	22.7	20.7	21.7	20.2	17.9	19.8

Table F.7i Percent of Boat Occupants who Wear PFDs “Rarely” by Age and State

	Age of Boat Occupant								
	Under 6	6 to 12	13 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 or older
AL	0	.6	9.1	12.1	12.2	12.2	20.2	14.3	10.0
AK	.7	.5	6.4	17.9	14.5	17.2	18.5	19.6	18.4
AR	0	.6	7.0	14.9	15.2	16.4	15.6	15.3	15.4
AZ	0	.8	9.4	18.5	16.6	20.7	20.7	19.7	11.0
CA	2.1	3.5	9.4	21.4	23.6	17.5	21.9	19.5	12.0
CO	0	.8	8.6	11.9	17.2	14.5	15.6	19.1	22.2
CT	0	.6	8.5	19.3	20.2	17.3	18.5	26.7	15.6
DE	0	1.0	11.5	15.3	15.4	18.3	21.1	14.8	20.4
DC	.4	1.8	13.5	12.0	8.8	11.0	17.0	14.9	14.1
FL	2.1	7.2	15.8	17.7	18.0	20.7	19.6	19.8	17.8
GA	0	2.2	11.5	15.7	22.1	23.2	30.8	28.1	24.6
HI	3.0	4.4	7.8	8.4	8.7	14.2	8.1	3.2	5.9
ID	.5	1.0	8.9	15.3	17.7	15.9	18.0	25.2	20.1
IL	.7	1.6	9.5	12.5	17.4	19.2	14.1	17.0	10.9
IN	1.1	4.2	15.8	17.5	15.8	17.4	25.6	25.0	21.2
IA	.7	2.0	9.8	17.5	18.2	17.0	22.5	20.5	24.3
KS	0	1.1	6.7	13.6	12.7	13.9	16.9	15.4	15.3
KY	.7	0	7.1	10.8	15.5	17.1	14.2	14.3	21.3
LA	0	0	9.7	9.4	13.2	12.1	9.3	11.9	4.8
ME	0	0	8.6	18.4	19.0	17.2	20.4	17.4	16.8
MD	.5	1.3	10.5	22.3	15.2	15.9	15.6	20.8	19.0
MA	.4	1.7	6.8	17.9	17.7	19.4	16.4	18.3	13.9
MI	.5	1.2	11.4	15.0	15.8	17.8	13.8	10.5	13.7
MN	0	2.3	9.8	21.9	29.4	22.6	26.9	21.3	17.1
MS	0	1.9	11.1	17.3	15.5	19.1	20.1	20.1	21.2
MO	0	.5	5.2	13.9	15.2	12.2	15.6	15.2	12.6
MT	0	.9	7.5	20.9	22.7	19.1	23.1	21.4	16.7
NE	1.4	1.9	9.9	16.5	19.9	18.5	26.5	25.2	15.7
NV	0	.5	8.7	20.3	24.1	21.8	25.3	17.5	20.9
NH	.6	1.6	11.6	16.4	16.3	16.5	17.9	20.2	19.2
NJ	0	2.2	11.6	19.5	17.9	20.7	22.7	23.4	25.5
NM	.5	1.1	6.9	10.3	11.9	11.6	16.0	6.3	8.8
NY	1.7	2.2	12.0	17.9	18.7	19.9	23.3	22.6	21.0
NC	.6	3.5	13.2	18.0	16.7	17.2	18.2	13.5	15.8
ND	1.3	2.8	10.2	16.9	20.8	20.1	19.5	21.7	14.9
OH	1.6	.8	10.6	23.3	15.8	20.5	29.6	23.5	27.9
OK	0	1.0	4.5	11.3	9.1	13.9	9.0	16.3	17.9
OR	0	0	8.8	19.8	22.0	20.7	21.9	19.7	24.9
PA	0	.3	6.5	12.4	16.1	16.7	17.5	22.7	22.0
RI	.5	.7	4.5	13.2	11.8	20.0	15.8	16.1	24.3
SC	0	.9	11.1	15.6	17.3	20.1	23.5	18.9	19.7
SD	0	1.0	7.7	20.8	16.9	13.3	14.9	9.3	20.0
TN	0	0	9.9	16.3	16.9	17.0	15.7	15.0	12.5
TX	0	.4	9.2	18.8	20.5	19.7	19.8	24.2	20.1
UT	.4	.8	6.5	14.1	17.3	21.0	21.1	25.5	29.1
VT	0	0	5.0	13.3	11.8	14.0	16.2	20.6	18.2
VA	0	1.0	6.1	13.2	12.7	13.6	13.2	15.5	18.6
WA	1.2	2.5	13.6	25.3	24.3	26.8	28.2	21.0	25.1
WV	.5	1.4	10.3	20.4	17.5	19.7	15.3	20.5	15.0
WI	.5	3.3	12.2	21.3	18.2	22.6	25.0	22.2	17.7
WY	1.3	1.5	9.2	19.3	21.2	18.9	22.2	25.6	16.5

Table F.7j Percent of Boat Occupants who “Never” Wear PFDs by Age and State

	Age of Boat Occupant								
	Under 6	6 to 12	13 to 19	20 to 29	30 to 39	40 to 49	50 to 59	60 to 69	70 or older
AL	1.5	2.4	9.1	19.3	18.5	19.7	18.0	18.3	15.7
AK	2.1	2.7	7.8	11.2	16.9	9.8	13.1	16.6	17.9
AR	.7	.6	7.1	11.4	14.4	13.0	14.3	13.3	9.6
AZ	3.8	2.2	10.0	23.9	22.6	22.1	23.1	20.7	34.0
CA	1.9	3.0	20.1	30.9	34.6	32.6	35.0	34.9	47.0
CO	2.7	3.9	5.0	14.2	17.3	14.6	24.8	19.7	14.9
CT	.5	2.6	11.9	24.5	22.7	30.9	34.6	34.9	42.0
DE	1.8	4.0	10.5	24.8	32.7	28.1	37.2	33.9	42.3
DC	2.1	1.8	16.6	25.0	26.7	21.2	26.9	38.3	51.7
FL	3.6	6.1	32.1	42.4	45.6	45.1	45.5	47.3	55.7
GA	.6	1.7	9.3	19.5	22.3	22.9	23.0	24.5	32.7
HI	9.1	16.2	33.3	53.3	47.6	49.6	62.9	61.3	76.5
ID	.5	1.9	7.4	19.0	20.0	19.2	20.5	20.7	20.3
IL	.7	3.4	10.9	24.6	24.2	24.6	31.1	31.1	32.1
IN	4.4	4.5	19.3	23.8	25.3	27.8	25.2	31.6	27.6
IA	2.3	.5	8.5	17.4	19.2	20.8	22.0	21.8	20.5
KS	4.4	2.9	4.4	16.4	13.4	13.0	9.9	22.5	21.9
KY	.7	1.1	9.2	16.4	15.9	19.4	15.7	19.5	21.3
LA	0	2.7	13.6	29.2	24.6	29.3	21.3	26.2	33.3
ME	0	1.0	12.8	26.2	26.2	22.9	29.4	27.0	28.5
MD	1.9	2.9	14.1	25.9	32.3	31.3	35.1	36.0	39.2
MA	2.9	1.4	12.4	25.4	26.1	26.3	27.2	38.0	41.4
MI	1.4	6.0	17.5	32.1	33.6	33.2	40.5	42.4	41.3
MN	0	1.1	10.3	20.1	18.4	19.2	22.3	21.6	23.1
MS	2.8	1.9	7.9	19.2	17.2	18.6	16.5	17.2	16.7
MO	.9	2.3	15.3	22.0	25.5	26.3	20.6	27.6	24.8
MT	1.8	1.4	9.3	20.0	20.4	19.3	21.4	19.3	20.6
NE	.5	1.9	4.4	13.7	17.8	13.7	13.8	11.8	14.3
NV	.8	1.6	9.9	16.7	19.4	19.9	20.9	20.4	15.2
NH	0	1.7	13.9	27.5	29.0	31.0	36.2	34.7	41.1
NJ	5.8	5.1	19.7	32.6	30.9	32.3	31.9	43.4	44.5
NM	1.6	4.0	5.4	12.6	12.9	17.6	12.9	17.5	17.6
NY	1.2	2.8	19.5	32.4	37.5	34.0	37.1	42.5	41.9
NC	2.8	3.5	13.3	19.4	20.6	20.4	27.0	31.8	26.4
ND	.7	1.9	5.9	14.4	9.8	10.3	12.7	10.6	12.1
OH	1.6	3.1	12.2	19.8	29.4	25.0	17.3	22.0	24.8
OK	3.1	2.9	7.3	23.4	24.0	24.1	29.5	16.3	35.7
OR	2.9	1.5	10.2	19.4	20.9	17.9	19.4	23.1	23.1
PA	2.5	4.2	11.5	18.6	19.5	20.5	24.2	21.8	44.7
RI	2.0	2.9	13.3	26.3	22.3	28.5	25.7	36.5	34.3
SC	2.9	2.4	12.1	21.1	20.3	19.9	24.3	25.9	37.2
SD	4.7	2.0	7.7	18.9	18.6	21.0	27.0	16.3	15.0
TN	.6	1.2	5.3	10.2	11.7	10.3	13.7	13.4	13.3
TX	.8	.6	7.3	12.5	17.0	17.8	20.5	18.6	26.1
UT	0	.5	5.3	10.5	11.0	11.0	16.9	11.4	10.3
VT	2.1	2.3	15.0	41.3	35.5	34.6	25.0	29.4	50.0
VA	4.7	3.6	10.8	19.8	22.5	20.9	27.0	25.8	27.7
WA	.7	1.5	9.0	22.5	18.3	19.1	24.6	28.8	25.1
WV	1.0	1.5	11.3	17.1	17.1	20.1	21.3	24.5	28.3
WI	3.4	5.8	14.1	24.1	25.6	25.5	25.9	31.4	30.3
WY	0	1.3	7.1	17.5	15.0	13.3	17.8	15.8	18.5

Table F.8a Percent of Boat Operators Who “Always” Wear PFDs by Boating Condition and State

	Boating Condition											
	Cruis- ing	Anchored or moored	Fish- ing	Water- skiing or tubing	In rough water	In cold water	In strong currents	Under strong winds	At night	In Poor visi- bility	When sea- sick	When boating alone
AL	41.8	15.0	22.2	82.5	68.4	55.2	64.0	60.6	48.8	57.8	49.1	52.3
AK	44.7	21.6	29.9	71.1	68.3	52.0	57.8	57.1	52.4	54.5	42.2	59.8
AR	45.0	20.7	27.9	80.0	61.4	55.5	62.2	60.2	48.7	57.1	44.5	51.8
AZ	37.6	23.3	21.5	82.8	57.3	48.6	60.6	55.5	41.6	50.7	50.4	52.6
CA	30.7	15.2	16.0	81.8	45.6	40.5	45.3	42.6	32.0	39.3	36.0	47.6
CO	41.2	24.9	30.2	87.8	63.2	56.1	68.3	59.7	44.3	54.0	57.0	52.1
CT	36.7	22.8	28.9	72.8	57.4	55.7	55.7	56.0	47.5	49.6	49.9	48.0
DE	39.4	20.7	25.0	70.3	59.3	49.6	50.5	53.9	44.8	45.1	43.2	45.5
DC	46.6	30.2	32.6	62.1	57.5	53.1	59.5	58.0	41.9	45.7	43.3	50.2
FL	28.7	13.3	15.6	72.7	45.1	39.4	42.2	40.8	30.9	34.3	32.0	40.3
GA	38.9	19.9	22.5	79.5	56.5	50.3	53.6	50.9	40.9	44.6	42.7	46.0
HI	28.6	14.1	16.7	42.9	47.2	38.3	41.9	38.8	27.7	29.8	31.2	35.7
ID	38.4	17.9	23.1	86.9	62.8	52.0	64.8	57.1	48.1	55.2	51.0	55.3
IL	39.1	23.8	28.0	81.8	63.0	56.9	61.0	57.8	49.0	55.0	49.2	51.4
IN	35.0	14.5	26.0	72.7	48.2	45.8	53.0	49.0	34.0	37.9	41.6	42.1
IA	34.4	18.7	23.0	77.4	54.8	46.2	54.1	54.0	40.8	44.0	42.6	42.8
KS	37.2	23.1	25.0	82.5	61.7	53.0	63.7	60.4	47.3	52.2	51.3	52.4
KY	43.0	20.5	30.3	81.9	64.5	55.4	64.2	56.5	52.0	54.3	46.5	50.8
LA	42.0	12.6	13.2	83.8	66.9	51.2	56.3	50.4	54.2	58.6	51.6	48.0
ME	28.4	17.0	21.2	74.5	53.5	50.0	55.6	50.4	39.6	44.4	33.9	45.1
MD	37.5	21.4	24.6	68.9	56.6	50.7	54.9	50.4	44.8	47.2	42.6	43.5
MA	34.8	21.5	25.7	63.7	55.1	49.1	53.8	54.5	42.8	44.9	37.7	50.8
MI	28.0	16.6	20.1	68.1	49.3	41.1	48.8	47.9	34.4	39.9	41.4	42.5
MN	27.4	14.4	18.3	84.7	54.5	43.1	52.9	52.2	37.2	43.3	40.7	41.2
MS	45.0	17.2	23.9	85.8	67.1	53.6	64.7	66.4	51.5	56.1	46.9	54.9
MO	37.9	15.7	21.7	84.9	54.8	46.9	53.2	50.6	42.6	54.0	42.7	41.8
MT	32.2	15.1	20.2	82.9	56.2	46.8	54.5	52.7	42.8	46.4	42.7	46.7
NE	39.6	21.4	23.8	78.7	59.6	54.4	59.0	56.4	40.3	43.6	47.7	47.3
NV	36.2	16.2	18.7	92.1	57.4	49.2	59.4	56.0	41.6	52.8	47.5	56.6
NH	35.5	22.0	26.4	74.8	57.3	50.4	58.8	54.8	44.7	48.9	41.1	46.3
NJ	34.9	24.0	23.3	65.8	50.5	48.1	49.3	47.9	37.2	36.8	38.0	41.8
NM	48.2	22.8	30.4	80.0	67.6	58.6	66.8	67.1	57.2	61.7	59.5	62.4
NY	32.5	16.3	19.1	77.9	52.0	46.8	52.6	50.4	38.9	44.3	44.7	44.5
NC	40.0	24.5	29.1	74.5	56.3	49.7	57.4	54.5	46.3	48.4	44.0	48.0
ND	33.3	19.1	22.6	82.3	61.7	46.3	55.3	60.8	42.7	45.7	41.2	42.7
OH	35.6	18.7	24.9	75.1	55.8	51.2	54.5	47.9	37.4	43.5	45.4	46.8
OK	40.8	13.5	17.6	91.0	67.9	50.5	62.7	62.9	46.1	57.9	37.8	56.2
OR	26.0	14.9	17.7	77.8	61.2	40.3	53.2	47.0	42.5	48.1	30.7	49.1
PA	41.3	23.2	26.7	73.2	61.5	52.7	61.1	59.6	45.2	46.7	42.5	47.2
RI	39.6	24.4	31.2	68.4	56.9	51.4	53.2	51.6	43.9	50.0	47.2	54.7
SC	33.5	17.3	23.8	79.0	57.4	47.2	53.9	54.5	44.4	49.0	39.4	45.1
SD	29.8	13.4	19.4	88.3	59.6	44.7	55.7	56.6	37.9	43.8	27.9	43.1
TN	44.8	23.0	27.0	86.2	63.2	55.1	63.9	60.2	50.1	50.5	36.0	49.5
TX	42.3	20.0	21.2	86.4	59.5	51.7	59.6	58.6	52.0	56.6	49.2	52.3
UT	44.6	25.7	29.4	92.8	67.3	57.1	69.9	66.4	55.6	61.2	60.5	68.9
VT	30.4	12.6	20.1	71.2	56.1	54.4	56.3	52.3	36.9	46.1	35.6	48.5
VA	45.9	24.6	32.4	71.4	62.2	59.3	63.7	58.2	49.7	48.2	44.9	51.2
WA	28.7	14.3	19.7	83.5	51.8	38.7	46.4	50.6	38.5	43.1	37.0	46.8
WV	38.4	22.2	28.5	81.5	63.2	54.3	58.5	48.7	47.1	50.9	55.2	47.8
WI	30.0	18.6	23.9	74.6	48.1	42.0	48.9	46.9	33.9	39.5	38.5	37.0
WY	36.8	20.2	22.1	84.6	60.5	48.5	57.2	56.7	42.5	47.1	43.2	48.9

**Table F.8b Percent of Boat Operators Who Wear PFDs “Most of the Time”
by Boating Condition and State**

	Boating Condition											
	Cruis- ing	Anchored or moored	Fish- ing	Water- skiing or tubing	In rough water	In cold water	In strong currents	Under strong winds	At night	In Poor visi- bility	When sea- sick	When boating alone
AL	11.4	4.9	9.1	3.3	8.1	10.8	9.4	11.2	10.6	8.8	3.3	12.0
AK	12.1	7.6	10.1	3.6	8.1	11.1	11.5	10.2	6.5	8.8	5.3	9.0
AR	9.2	6.1	8.2	4.2	10.6	10.2	10.3	10.5	10.1	10.3	9.2	12.0
AZ	9.3	8.4	6.1	5.8	14.6	9.1	8.1	13.3	8.2	9.4	4.9	8.6
CA	6.1	2.2	3.9	4.3	10.6	7.3	8.6	12.1	7.6	9.7	5.3	7.1
CO	10.3	4.9	7.3	2.8	10.7	7.9	8.3	10.6	8.4	7.0	3.5	8.8
CT	9.2	6.1	8.5	2.3	9.6	6.6	7.1	9.1	5.7	7.0	4.6	10.0
DE	9.7	8.7	9.3	5.8	10.2	10.5	10.3	12.5	11.0	12.9	8.3	12.7
DC	9.8	6.8	8.5	8.5	11.1	10.8	10.8	9.5	6.9	9.8	10.0	8.7
FL	6.2	3.8	5.5	3.0	6.3	6.0	4.4	7.7	3.9	7.7	3.2	8.1
GA	10.0	5.8	5.7	2.7	8.4	7.7	9.5	9.6	6.4	7.7	5.7	14.5
HI	6.6	1.9	5.4	3.6	3.6	7.1	5.6	6.5	6.9	5.3	3.1	8.3
ID	13.0	7.2	7.5	3.8	10.8	7.6	8.7	8.7	7.5	7.0	4.0	7.0
IL	7.2	4.9	5.3	1.8	7.3	5.2	7.3	6.5	5.8	5.4	6.7	5.5
IN	9.5	8.4	9.1	4.7	13.2	11.6	9.5	11.1	9.3	9.7	11.0	13.5
IA	12.7	6.6	8.1	5.8	14.8	12.3	13.6	13.8	10.9	11.9	3.9	11.9
KS	15.0	7.6	7.8	4.9	10.7	10.3	7.9	8.5	9.8	8.4	4.0	8.7
KY	12.1	8.2	12.7	4.9	9.8	11.5	10.6	14.0	12.5	11.8	9.1	15.9
LA	11.5	5.2	5.2	3.7	7.6	7.7	5.8	13.2	9.4	9.6	4.7	10.0
ME	9.4	5.7	9.2	3.3	12.0	6.9	6.9	10.9	6.2	6.8	3.1	9.5
MD	6.9	5.1	6.2	3.7	8.9	6.8	5.5	10.8	7.6	8.5	4.7	8.6
MA	7.9	4.6	6.1	2.3	7.7	5.8	5.1	8.6	6.7	9.6	4.3	7.1
MI	9.8	4.8	8.4	4.8	11.4	10.0	9.5	9.1	9.0	9.5	7.9	8.5
MN	12.0	6.0	11.5	2.8	17.1	13.3	11.9	15.1	13.2	13.3	7.1	14.7
MS	13.0	5.7	8.7	2.8	8.2	9.6	8.7	8.6	11.0	13.1	5.9	12.7
MO	9.7	4.0	10.1	4.2	11.1	11.3	10.9	13.7	12.3	7.9	5.3	11.7
MT	10.2	7.2	6.0	3.2	13.9	10.3	10.8	12.2	8.9	11.5	5.6	13.4
NE	11.0	6.2	7.5	4.4	11.8	8.4	9.7	10.7	12.6	13.8	7.0	5.6
NV	9.7	4.7	6.1	1.1	11.1	8.2	8.8	11.7	6.3	9.8	2.9	8.2
NH	10.9	7.1	7.6	3.3	10.7	10.7	8.6	10.9	5.5	8.6	3.3	7.2
NJ	6.8	5.3	4.8	5.5	8.5	7.6	6.5	8.1	5.8	10.6	4.3	8.8
NM	10.7	9.7	10.6	5.1	9.5	9.2	9.3	8.8	9.5	9.3	3.8	7.8
NY	5.5	4.5	4.8	2.5	10.7	5.6	6.1	10.4	7.2	8.7	3.1	8.0
NC	8.0	8.3	8.3	5.5	9.1	8.7	9.1	11.4	9.9	11.1	7.3	11.0
ND	15.5	8.8	10.6	3.6	10.3	10.9	8.6	11.1	9.1	11.9	6.4	12.1
OH	11.6	7.8	7.5	5.8	10.6	10.5	10.6	14.2	8.9	11.0	7.8	10.6
OK	12.7	5.0	6.8	2.3	7.9	8.3	7.3	7.3	9.3	8.2	4.4	9.4
OR	10.7	3.3	7.1	5.1	13.6	11.7	10.6	12.5	9.6	12.3	5.8	6.9
PA	9.3	7.5	9.1	2.8	9.6	9.5	7.0	6.9	6.9	7.6	4.7	10.1
RI	5.3	6.2	6.3	4.9	11.0	7.4	7.9	11.4	8.2	8.3	4.8	6.2
SC	11.9	5.5	11.9	4.2	12.0	11.4	11.6	10.7	9.8	11.4	4.3	12.7
SD	9.5	7.3	8.0	4.1	10.6	9.8	8.7	10.9	7.2	10.2	2.3	8.3
TN	11.5	6.0	9.5	4.2	9.5	9.3	10.1	9.6	8.1	10.4	8.0	11.1
TX	10.8	6.8	8.6	3.1	10.4	7.1	7.3	10.5	9.8	11.5	5.3	10.5
UT	7.3	5.9	7.1	1.2	10.4	8.7	6.4	9.2	7.7	8.5	5.0	8.0
VT	10.6	5.8	7.1	.8	8.1	5.1	6.6	7.5	7.1	5.9	0	5.9
VA	7.7	7.8	7.4	8.2	7.3	9.9	7.5	10.4	7.1	10.0	4.5	11.7
WA	10.0	3.8	5.6	2.5	13.9	8.3	9.4	12.2	6.9	11.1	4.5	8.0
WV	9.0	6.0	7.2	4.4	11.1	10.1	10.4	12.9	10.2	10.4	7.4	10.3
WI	8.9	5.6	7.6	5.6	14.1	9.8	8.5	10.5	10.3	11.6	8.1	11.7
WY	11.0	6.0	5.7	1.9	12.3	10.2	10.0	13.7	8.8	11.9	4.2	7.6

Table F.8c Percent of Boat Operators Who Wear PFDs “Sometimes” by Boating Condition and State

	Boating Condition											
	Cruis- ing	Anchored or moored	Fish- ing	Water- skiing or tubing	In rough water	In cold water	In strong currents	Under strong winds	At night	In Poor visi- bility	When sea- sick	When boating alone
AL	10.4	12.4	16.9	2.1	8.3	11.5	9.4	11.5	17.6	12.7	7.4	12.6
AK	12.9	17.7	17.0	4.4	9.4	12.6	9.4	11.6	10.8	10.3	8.2	10.5
AR	15.2	13.1	17.3	4.2	10.6	10.7	8.7	8.7	14.5	11.8	2.8	11.2
AZ	13.9	9.8	17.5	2.1	10.6	14.5	9.8	10.4	15.6	12.4	5.5	12.4
CA	11.8	7.4	10.6	1.9	14.3	12.2	10.8	11.1	10.2	10.4	5.1	10.6
CO	13.9	11.4	11.4	1.2	10.6	12.6	4.7	12.5	13.8	15.4	5.7	12.4
CT	11.9	7.9	12.7	3.7	11.0	11.7	10.2	9.5	11.1	11.9	8.7	11.1
DE	11.2	9.7	15.3	4.2	10.7	14.0	13.1	12.7	11.3	11.7	6.4	13.3
DC	9.8	9.2	10.7	1.1	8.0	10.5	6.1	9.9	16.7	8.8	5.7	6.7
FL	9.5	7.9	11.5	3.3	13.5	9.1	10.4	12.0	14.7	13.9	5.6	9.9
GA	10.8	9.4	14.3	3.7	13.5	12.6	11.6	15.5	15.4	15.7	7.5	12.1
HI	6.6	7.5	6.5	3.6	10.4	5.0	5.0	8.0	8.5	7.6	5.2	7.0
ID	11.9	11.9	16.0	1.6	11.4	12.0	7.8	13.0	12.0	10.2	4.0	12.3
IL	15.7	14.1	16.3	4.0	10.2	10.5	11.1	13.6	15.8	12.0	7.0	14.0
IN	11.4	10.2	10.4	1.8	9.7	8.8	8.4	10.3	14.8	12.5	3.1	12.1
IA	16.2	11.7	13.9	2.2	11.7	9.2	8.7	9.8	14.7	10.2	6.3	12.1
KS	15.5	11.3	15.0	.5	10.2	12.8	11.4	12.7	14.7	12.6	7.5	11.1
KY	11.6	13.8	12.9	2.6	10.1	11.5	9.8	9.8	12.3	14.3	9.3	11.8
LA	11.9	5.6	10.8	1.2	8.5	8.1	10.7	13.2	8.9	6.6	1.6	14.5
ME	14.6	8.8	15.6	3.3	11.2	14.8	11.2	12.3	12.0	12.0	4.3	11.8
MD	11.1	7.5	13.2	3.0	10.8	11.3	7.6	10.9	13.7	9.4	7.0	11.7
MA	13.3	9.4	11.7	2.5	12.7	13.3	12.4	11.5	9.4	10.6	5.2	11.9
MI	12.0	8.5	9.6	4.3	12.6	12.2	8.9	15.8	13.5	11.9	4.6	9.5
MN	17.9	12.1	22.3	2.0	11.8	15.9	13.3	14.1	14.3	17.1	5.8	16.2
MS	12.2	12.3	14.7	1.6	9.6	14.4	6.8	8.5	13.2	9.8	6.1	10.9
MO	15.4	12.6	18.1	2.3	13.0	13.8	10.8	11.2	12.2	10.6	8.1	12.6
MT	12.2	8.2	15.5	3.9	11.8	14.8	11.8	14.0	12.2	14.1	5.6	11.1
NE	12.0	10.9	16.2	1.6	10.7	9.9	8.4	12.8	11.8	12.8	4.2	14.6
NV	10.9	7.2	11.7	1.1	12.1	12.1	6.2	12.2	11.6	9.7	3.8	9.8
NH	9.9	9.2	16.9	3.1	8.6	10.1	6.8	9.3	11.0	10.5	6.7	12.7
NJ	11.2	8.4	13.6	3.3	12.3	8.6	8.7	11.9	11.9	8.5	8.9	8.8
NM	11.8	11.0	13.8	2.4	7.9	12.4	8.3	10.6	9.8	9.6	3.8	11.0
NY	13.0	8.2	13.6	3.8	12.0	14.0	8.9	9.7	12.8	9.4	4.7	10.6
NC	14.0	9.4	17.7	4.1	12.1	15.7	10.4	10.8	12.7	11.5	7.3	14.4
ND	16.5	15.4	20.1	3.1	12.0	18.1	13.2	10.8	14.0	10.9	8.2	13.7
OH	9.7	9.1	13.1	2.1	13.1	9.2	9.3	13.4	14.4	13.7	7.1	9.3
OK	11.2	11.2	11.3	1.7	9.2	11.2	13.0	12.7	17.6	15.1	11.1	11.3
OR	18.4	14.7	20.5	3.7	10.8	18.1	13.6	14.9	10.9	11.2	14.0	17.5
PA	14.7	9.3	14.9	4.7	9.5	14.2	11.5	12.9	14.9	12.7	7.5	13.6
RI	14.6	7.5	12.3	4.0	10.2	15.0	10.0	12.7	11.6	10.3	7.3	10.9
SC	12.0	10.3	11.7	4.8	12.3	13.2	10.4	13.6	13.9	12.3	8.1	13.2
SD	18.3	12.6	19.0	1.5	12.8	17.7	10.9	12.2	22.9	20.4	11.6	18.7
TN	12.1	12.1	16.8	3.6	11.6	14.2	9.3	12.4	15.5	13.5	8.4	12.3
TX	13.5	12.1	15.7	3.4	14.6	15.6	11.1	14.8	12.3	10.8	8.3	14.9
UT	15.3	11.1	12.2	1.1	10.8	13.0	8.0	10.7	11.2	11.4	7.7	5.0
VT	12.1	7.3	11.4	2.5	8.6	14.0	9.6	12.1	15.6	9.9	6.8	11.2
VA	11.7	12.4	13.8	6.4	11.3	9.5	8.2	10.9	9.3	12.1	12.1	14.1
WA	14.0	11.7	20.5	1.2	14.5	20.9	13.3	13.4	12.9	14.1	4.7	13.4
WV	13.1	12.2	12.9	2.7	11.8	14.4	12.7	16.3	15.5	15.6	7.0	16.0
WI	16.5	12.1	15.8	3.3	13.0	13.1	14.8	16.7	14.2	13.1	5.8	14.8
WY	13.2	11.5	19.5	1.6	11.7	16.6	13.8	12.7	15.8	12.6	6.4	15.6

Table F.8d Percent of Boat Operators Who Wear PFDs “Rarely” by Boating Condition and State

	Boating Condition											
	Cruising	Anchored or moored	Fishing	Water-skiing or tubing	In rough water	In cold water	In strong currents	Under strong winds	At night	In Poor visibility	When sea-sick	When boating alone
AL	12.9	18.8	14.3	1.7	2.5	4.9	2.3	3.7	5.8	4.4	5.8	5.5
AK	11.5	14.6	15.7	1.4	3.2	9.4	6.7	6.6	10.0	8.0	10.2	5.9
AR	11.3	14.7	15.2	1.9	6.1	9.6	5.4	6.4	8.6	7.1	12.6	8.7
AZ	12.2	10.5	11.1	.8	2.8	6.7	5.1	5.4	10.8	6.3	12.6	9.1
CA	16.4	11.7	13.1	1.2	8.9	11.0	10.7	8.5	9.3	9.0	8.8	8.5
CO	12.7	11.8	14.3	2.1	4.0	7.2	4.2	3.7	7.5	4.8	4.5	8.8
CT	12.5	9.1	10.0	1.4	3.8	6.2	5.2	5.3	7.8	6.5	5.5	6.9
DE	10.5	7.8	11.3	2.6	4.1	4.5	4.7	3.8	8.5	8.2	6.6	5.5
DC	7.7	8.6	4.2	1.9	3.4	4.1	2.4	1.6	3.9	2.8	4.3	6.2
FL	12.4	10.2	11.6	1.2	6.6	7.4	6.7	5.4	7.4	5.7	6.7	6.9
GA	13.3	10.7	11.3	2.4	4.6	6.5	5.0	4.8	11.2	8.3	7.4	7.2
HI	9.7	6.1	6.0	3.6	2.1	5.7	6.1	4.5	4.6	1.5	3.1	4.5
ID	10.7	12.1	15.9	1.0	4.0	9.4	3.8	5.3	7.4	4.6	1.7	7.3
IL	11.1	11.2	12.3	.6	4.3	7.2	4.9	4.7	6.0	4.6	5.9	6.9
IN	15.7	12.5	11.9	1.8	7.5	7.4	6.4	6.3	7.3	8.6	4.3	6.3
IA	12.7	17.5	20.0	3.4	4.7	12.3	6.3	6.0	8.9	8.5	9.7	10.4
KS	12.3	16.9	12.8	.9	5.0	5.2	2.2	3.9	6.6	5.1	5.9	5.9
KY	13.3	16.3	14.8	2.3	5.8	5.7	5.5	6.8	6.9	6.4	5.7	5.3
LA	9.7	9.7	6.8	.6	4.2	5.7	5.3	4.8	6.2	8.1	6.2	4.5
ME	13.6	12.0	12.4	2.1	5.8	6.5	5.7	7.1	9.7	9.1	5.6	8.4
MD	12.0	10.3	8.7	2.8	4.0	5.2	5.5	5.9	4.7	6.2	7.9	6.1
MA	15.1	12.0	11.4	4.2	4.2	6.8	5.3	5.1	9.0	7.2	7.5	5.4
MI	14.9	12.1	12.7	1.5	3.4	6.2	7.2	4.9	8.0	4.9	3.3	7.4
MN	19.8	23.1	21.8	2.5	6.3	12.2	7.9	7.5	15.1	7.0	10.2	13.1
MS	10.7	17.3	17.1	2.3	4.5	5.8	6.0	5.8	5.4	3.9	5.6	6.6
MO	11.6	17.6	14.9	.3	5.2	6.5	7.4	5.6	6.6	5.6	6.6	7.7
MT	16.8	13.9	17.3	.7	3.4	7.0	4.4	4.8	8.0	6.5	7.1	7.8
NE	12.6	15.7	18.3	1.8	5.5	8.9	4.8	3.7	10.6	6.3	4.7	10.0
NV	15.9	17.1	17.2	.8	6.1	9.9	7.7	4.9	10.6	5.9	5.9	7.4
NH	11.9	12.3	11.9	3.3	3.5	5.4	4.2	3.9	6.6	4.4	5.9	5.0
NJ	10.7	10.3	9.5	2.7	5.4	6.6	7.6	6.2	9.1	7.5	6.6	7.5
NM	10.8	13.2	14.3	1.4	6.4	6.0	5.2	5.1	7.9	5.6	7.6	5.0
NY	16.2	14.3	14.3	1.8	6.2	4.6	8.0	7.3	9.9	8.1	7.5	9.0
NC	13.0	13.9	11.8	1.9	6.9	6.1	6.7	6.7	9.3	7.1	10.0	8.1
ND	14.0	15.7	18.6	2.7	4.9	9.0	7.9	4.0	13.2	10.2	13.0	12.4
OH	12.0	14.0	13.1	2.8	5.8	9.6	7.4	7.3	11.0	9.6	6.5	9.7
OK	9.2	13.1	12.6	.6	4.6	7.8	4.5	4.4	7.8	3.1	4.4	6.2
OR	14.9	16.0	19.4	1.7	4.2	8.5	7.3	7.1	8.2	9.0	8.4	7.0
PA	9.5	10.1	11.9	1.0	6.4	4.7	4.7	5.2	6.2	9.1	5.0	6.8
RI	10.7	7.6	9.4	3.1	4.8	5.7	7.1	5.2	10.5	8.2	4.4	5.5
SC	16.4	13.1	15.0	1.8	4.4	10.5	7.2	6.2	11.0	8.3	12.2	9.5
SD	11.5	11.8	15.2	1.5	3.4	5.1	3.3	4.1	5.2	2.9	58.1	4.2
TN	14.3	15.0	16.7	1.5	5.3	5.7	3.4	5.1	7.2	6.2	7.7	8.6
TX	13.0	15.4	18.0	.6	3.8	7.7	5.9	4.2	7.4	6.3	9.0	5.2
UT	15.1	15.6	16.4	.4	3.9	8.2	5.3	4.0	7.9	4.8	5.3	5.7
VT	13.0	9.2	8.2	1.7	5.1	3.3	3.0	4.5	3.5	7.9	3.4	8.3
VA	14.2	14.2	13.8	2.5	5.2	6.4	5.3	6.3	12.6	10.4	8.8	6.1
WA	19.0	17.7	16.6	2.0	6.1	9.8	12.1	7.4	9.0	7.8	11.7	12.0
WV	14.6	12.7	13.8	1.7	3.6	4.5	5.0	5.3	7.8	7.2	3.4	6.4
WI	13.7	13.1	14.9	3.4	7.5	10.3	6.9	6.7	11.3	9.2	9.5	12.3
WY	16.7	14.7	18.4	1.0	5.5	7.4	5.6	5.5	9.1	11.3	9.8	9.0

Table F.8e Percent of Boat Operators Who “Never” Wear PFDs by Boating Condition and State

	Boating Condition											
	Cruis- ing	Anchored or moored	Fish- ing	Water- skiing or tubing	In rough water	In cold water	In strong currents	Under strong winds	At night	In Poor visi- bility	When sea- sick	When boating alone
AL	23.5	48.8	37.6	10.4	12.7	17.7	14.9	13.0	17.3	16.4	34.5	17.7
AK	18.8	38.5	27.2	19.5	11.0	14.9	14.6	14.6	20.4	18.4	34.1	14.9
AR	19.4	45.4	31.4	9.6	11.3	14.1	13.4	14.3	18.0	13.7	31.0	16.4
AZ	26.9	48.0	43.7	8.5	14.7	21.1	16.3	15.4	23.9	21.2	26.5	17.3
CA	35.0	63.5	56.4	10.8	20.6	28.9	24.6	25.7	40.9	31.6	44.8	26.2
CO	22.0	47.0	36.7	6.0	11.5	16.3	14.5	13.5	26.0	18.9	29.4	17.9
CT	29.8	54.1	39.9	19.8	18.2	19.8	21.8	20.0	27.9	24.9	31.4	24.1
DE	29.1	53.0	39.1	17.1	15.7	21.5	21.3	17.2	24.4	22.0	35.6	23.0
DC	26.1	45.2	44.0	26.4	19.9	21.5	21.2	21.0	30.6	32.9	36.7	28.2
FL	43.2	64.7	55.8	19.8	28.6	38.1	36.4	34.1	43.2	38.5	52.5	34.9
GA	27.0	54.2	46.2	11.7	17.1	22.9	20.3	19.1	26.0	23.7	36.7	20.1
HI	48.5	70.4	65.5	46.4	36.8	44.0	41.4	42.3	52.3	55.7	57.3	44.6
ID	25.9	51.0	37.5	6.6	11.0	19.0	14.8	15.8	25.1	23.0	39.3	18.1
IL	26.9	46.0	38.1	11.8	15.2	20.3	15.9	17.4	23.4	23.0	31.2	22.3
IN	28.5	54.4	42.6	18.9	21.5	26.5	22.8	23.3	34.5	31.3	40.0	26.1
IA	24.0	45.4	35.0	11.2	14.0	19.9	17.3	16.4	24.7	25.4	37.5	22.8
KS	20.0	41.1	39.4	11.3	12.3	18.8	14.8	14.5	21.6	21.7	31.2	21.9
KY	20.0	41.2	29.4	8.4	9.8	15.9	9.8	12.8	16.3	13.1	29.3	16.2
LA	24.9	66.9	64.0	10.6	12.7	27.3	21.8	18.4	21.4	17.2	35.9	23.0
ME	34.0	56.5	41.7	16.8	17.6	21.8	20.8	19.3	32.4	27.7	53.1	25.1
MD	32.6	55.6	47.4	21.6	19.8	26.1	26.5	22.0	29.2	28.8	37.7	30.2
MA	28.9	52.6	45.1	27.4	20.2	25.0	23.3	20.3	32.1	27.8	45.3	24.8
MI	35.2	57.9	49.2	21.3	23.3	30.5	25.6	22.3	35.1	33.8	42.8	32.2
MN	22.9	44.4	26.1	8.0	10.3	15.6	14.0	11.1	20.2	19.3	36.3	14.9
MS	19.1	47.5	35.6	7.5	10.6	16.7	13.8	10.7	18.9	17.2	35.5	14.9
MO	25.3	50.2	35.2	8.3	16.0	21.5	17.7	18.8	26.4	21.9	37.3	26.2
MT	28.5	55.6	41.1	9.3	14.6	21.1	18.6	16.3	28.0	21.4	38.9	21.0
NE	24.8	45.7	34.3	13.5	12.4	18.3	18.0	16.4	24.6	23.5	36.4	22.5
NV	27.3	54.8	46.4	5.0	13.3	20.7	17.8	15.2	30.0	21.7	39.9	18.0
NH	31.8	49.4	37.1	15.4	19.9	23.4	21.7	21.0	32.1	27.6	43.1	28.8
NJ	36.4	51.9	48.8	22.7	23.4	29.2	27.9	26.0	36.0	36.6	42.3	33.0
NM	18.5	43.3	30.8	11.1	8.6	13.8	10.3	8.4	15.6	13.8	25.3	13.9
NY	32.8	56.7	48.1	14.1	19.0	29.0	24.3	22.2	31.2	29.6	40.0	27.9
NC	25.1	43.9	33.1	14.0	15.6	19.8	16.4	16.6	21.8	21.9	31.4	18.5
ND	20.7	40.9	28.0	8.3	11.2	15.8	15.0	13.3	21.0	21.4	31.1	19.0
OH	31.0	50.4	41.5	14.2	14.7	19.5	18.3	17.2	28.4	22.3	33.2	23.6
OK	26.2	57.1	51.8	4.5	10.4	22.3	12.4	12.7	19.2	15.7	42.2	16.9
OR	30.0	51.0	35.3	11.8	10.2	21.5	15.3	18.5	28.7	19.3	41.2	19.5
PA	25.2	49.8	37.3	18.3	13.0	18.9	15.6	15.3	26.9	23.9	40.3	22.3
RI	29.9	54.3	40.9	19.7	17.0	20.4	21.8	19.1	25.8	23.3	36.3	22.6
SC	26.3	53.7	37.6	10.2	13.8	17.7	16.9	14.9	21.0	19.1	36.0	19.6
SD	31.0	54.9	38.4	4.6	13.6	22.8	21.3	16.3	26.8	22.6	58.1	25.7
TN	17.3	44.0	30.0	4.5	10.3	15.7	13.4	12.7	19.1	19.4	39.9	18.5
TX	20.4	45.7	36.5	6.5	11.7	17.9	16.1	11.8	18.4	14.8	28.2	17.1
UT	17.7	41.7	34.9	4.6	7.6	13.1	10.3	9.6	17.6	14.2	21.5	12.4
VT	33.8	65.0	53.3	23.7	22.2	23.3	24.6	23.6	36.9	30.3	54.2	26.0
VA	20.5	40.9	32.5	11.5	14.1	14.9	15.4	14.2	21.3	19.3	29.8	17.0
WA	28.2	52.5	37.6	10.9	13.7	22.3	18.8	16.5	32.8	23.9	42.1	19.9
WV	24.8	46.9	37.6	9.6	10.2	16.7	13.3	16.8	19.4	15.9	27.1	19.4
WI	31.0	50.6	37.8	13.0	17.2	24.7	20.9	19.3	30.3	26.6	38.2	24.3
WY	22.3	47.6	34.3	10.8	10.0	17.3	13.4	11.4	23.8	17.2	36.3	18.9