

# Minnesota PFD Wear Rates and Comparative National Data



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*Promoting and Improving Health*

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### MINNESOTA - PFD WEAR RATE REPORT BY YEAR GROUPS (2006 to 2017)

Age	Boat Types	2006-08		2009-11		2012-14		2015-17	
		(%)	(N)	(%)	(N)	(%)	(N)	(%)	(N)
ADULT (18+)	POWER BOATS (NO PWCS)	1.3%	3950	1.1%	5881	1.7%	4758	1.2%	3331
	SAIL CRAFT	11.3%	186	60.5%	27	18.7%	22	16.3%	34
	PADDLE CRAFT	46.3%	38	.	.	10.4%	28	6.8%	33
TEEN (13-17)	POWER BOATS (NO PWCS)	11.3%	340	23.6%	227	20.1%	247	28.9%	160
	SAIL CRAFT	.	.	.	.	.	.	.	.
	PADDLE CRAFT	.	.	.	.	.	.	.	.
YOUTH (<13)	POWER BOATS (NO PWCS)	77.1%	467	90.1%	587	89.9%	528	90.0%	338
	SAIL CRAFT	.	.	.	.	.	.	.	.
	PADDLE CRAFT	.	.	.	.	.	.	.	.

(Cells with observations less than or equal to 15 are removed from report)

### NATIONAL PFD WEAR RATE COMPARISON

Age	Boat Types	2006-08		2009-11		2012-14		2015-17	
		(%)	(N)	(%)	(N)	(%)	(N)	(%)	(N)
ADULT (18+)	POWER BOATS (NO PWCS)	4.3%	80216	4.0%	90243	4.5%	83613	5.2%	79249
	SAIL CRAFT	23.7%	9575	22.2%	10300	24.4%	8923	28.1%	7626
	PADDLE CRAFT	45.1%	4633	38.8%	6035	54.5%	6591	53.4%	8416
TEEN (13-17)	POWER BOATS (NO PWCS)	27.7%	6330	34.6%	5487	33.8%	4900	35.2%	4465
	SAIL CRAFT	52.7%	500	55.0%	346	59.0%	382	59.0%	293
	PADDLE CRAFT	57.5%	596	60.9%	506	62.2%	553	80.6%	679
YOUTH (<13)	POWER BOATS (NO PWCS)	85.3%	9571	90.3%	9682	88.0%	9292	87.3%	7450
	SAIL CRAFT	87.4%	415	86.4%	380	85.5%	357	86.3%	224
	PADDLE CRAFT	95.5%	480	89.9%	454	89.9%	595	94.0%	667

### MINNESOTA - PFD WEAR RATE REPORT BY YEAR (2014-2017)

Age	Boat Types	2012		2013		2014		2015		2016		2017	
		(%)	(N)	(%)	(N)	(%)	(N)	(%)	(N)	(%)	(N)	(%)	(N)
ADULT (18+)	POWER BOATS (NO PWCS)	0.9%	1157	2.9%	1808	1.0%	1793	1.6%	869	1.1%	348	1.1%	2114
	SAIL CRAFT	.	.	.	.	.	.	.	.	.	.	25.2%	21
	PADDLE CRAFT	.	.	11.1%	19	.	.	.	.	.	.	7.6%	25
TEEN (13-17)	POWER BOATS (NO PWCS)	11.3%	81	35.7%	89	11.3%	77	45.4%	20	29.0%	27	26.0%	113
	SAIL CRAFT	.	.	.	.	.	.	.	.	.	.	.	.
	PADDLE CRAFT	.	.	.	.	.	.	.	.	.	.	.	.
YOUTH (<13)	POWER BOATS (NO PWCS)	94.9%	109	82.0%	189	94.0%	230	89.4%	88	81.4%	22	90.9%	228
	SAIL CRAFT	.	.	.	.	.	.	.	.	.	.	.	.
	PADDLE CRAFT	.	.	.	.	.	.	.	.	.	.	.	.

(Cells with observations less than or equal to 15 are removed from report)

### NATIONAL PFD WEAR RATE COMPARISON

Age	Boat Types	2012		2013		2014		2015		2016		2017	
		(%)	(N)	(%)	(N)	(%)	(N)	(%)	(N)	(%)	(N)	(%)	(N)
ADULT (18+)	POWER BOATS (NO PWCS)	4.1%	27894	3.8%	26830	5.6%	28889	5.3%	26506	4.2%	26888	6.3%	25855
	SAIL CRAFT	21.1%	3297	27.0%	2840	25.6%	2786	30.3%	2800	26.2%	2557	27.4%	2269
	PADDLE CRAFT	57.0%	1999	52.3%	1787	54.2%	2805	52.9%	2858	51.2%	2798	56.4%	2760
TEEN (13-17)	POWER BOATS (NO PWCS)	31.4%	1727	32.4%	1596	37.9%	1577	31.6%	1415	32.4%	1326	40.3%	1724
	SAIL CRAFT	63.5%	182	54.6%	102	56.2%	98	52.7%	91	63.5%	118	59.0%	84
	PADDLE CRAFT	57.1%	238	58.2%	164	74.4%	151	80.4%	181	76.2%	230	84.9%	268
YOUTH (<13)	POWER BOATS (NO PWCS)	87.6%	3122	87.2%	2951	89.2%	3219	87.8%	2623	85.2%	2432	88.9%	2395
	SAIL CRAFT	84.5%	131	85.3%	118	86.9%	108	83.1%	79	90.9%	82	84.4%	63
	PADDLE CRAFT	83.7%	230	93.4%	182	94.6%	183	97.0%	198	93.0%	243	91.3%	226