

2006 City of Portland Bicycle Count Report

Significant Findings & Analysis

Procedure.

In the Summer and early Fall of 2006 53 volunteers fanned out across Portland during either the morning or afternoon two-hour rush (7-9 am or 4-6 pm). During those times they manually counted cyclists passing through selected intersections, recording the number of cyclists, their direction of travel and movement through the intersection, and their gender and helmet use. These volunteers were continuing a long-standing practice in Portland of conducting annual bicycle counts. Portland's Office of Transportation organizes these counts in order to track the most easily understood measure for determining the success of Portland's goals, policies, and actions relating to bicycling, which is, simply: how many people are riding.

This year volunteers manually counted and recorded data about more than 12,300 cyclists in the course of conducting 73 distinct counts at 56 locations. In addition, the Office of Transportation counted an additional 12,000 bicycle trips across the four bicycle-friendly Willamette River bridges. These counts were gathered with automated counting equipment that did not include information about the gender or helmet use of the cyclists.

All told, the data gathered this year, when compared to that of previous years, points to a robust and growing presence of people using bicycles on Portland's streets. The following pages present the data and comparisons graphically and in tabular form, as well as an analysis of some key findings and observations.

Findings

- **Counts in 2006 show significant and sometimes dramatic jumps across the city compared to previous counts at the same locations.**
 - 5 of 12 count locations in SE Portland saw more than 1,000 daily bicycle trips
 - 3 of 7 locations in North Portland saw more than 1,000 daily bicycle trips
 - 2 of 12 locations in NE Portland saw more than 1,000 daily bicycle trips, and another 3 locations saw more than 850 daily trips.
 - 2 of 9 locations in the Central City saw more than 2,000 daily bicycle trips
 - Only 1 of 12 locations in West Portland (outside of the Central City) saw more than 1,000 daily bicycle trips with a second location at just under 1,000.
 - None of the three count locations in NW Portland had even 750 daily bicycle trips. This is especially disappointing given Northwest Portland's proximity to the Central City and its population density, which is the highest in the state.
- **Counts on the four Central City bicycle-friendly bridges (Broadway, Steel, Burnside and Hawthorne) jumped dramatically compared to the previous year. This is the second year in a row that the bridge counts have displayed a double-digit increase.**
 - There were more than 12,000 daily bicycle trips across the four bridges, with the Hawthorne carrying 5,500 daily trips, followed by the Broadway with 2,800, then the Steel with 2,400 and finally the Burnside with 1,200.

- Bicycle use on the four bridge increased 18% compared to 2005, following an increase of 15% between 2004 and 2005.
 - The Broadway Bridge saw the largest percentage jump at 37% compared to 2005, while bicycle use on the Burnside Bridge increased only 8% compared to the previous year.
 - The Broadway and Hawthorne similar and high numerical increases in number of riders compared to 2005, gaining 775 and 728 daily trips, respectively.
 - Bicycle trips on the four bridges represent approximately 10% of all vehicular trips on these bridges.
- **Women as a percentage of all riders have grown consistently over the years. Women now represent approximately 32% of all riders.**
 - Nationally, women represent approximately one-quarter (25% of all riders); this was true in Portland through 2000.
 - In SE Portland women represent 45% of all riders, the highest for any area of the city.
 - In SW Portland (not including the Downtown), women represent 23% of all riders.
- **Helmet use has grown in Portland from a low of 52% in 1992 to 73% in 2006.**
 - Helmet use among women has always been, and remains much higher than for men.
 - City-wide, 84% of women wear helmets, compared to 68% of men.
 - Helmet use is highest in SW Portland (not including Downtown) with 89% of men and 94% of women wearing helmets. Overall, 90% of SW Portland cyclists wear helmets.
 - Helmet use is low in North Portland with 66% of cyclists wearing helmets. Only 58% of male cyclists there wear helmets, compared to 86% of women.

While counts were almost universally higher in 2006 than in previous years, there are some locations where the number of daily bicycle trips dropped compared to earlier counts. Those locations included: N Flint & Tillamook, NE Weidler & MLK, SW Waterfront and Harbor Way, SW Moody & River Parkway, SW Capitol & Vermont, and NW Glisan and 16th.

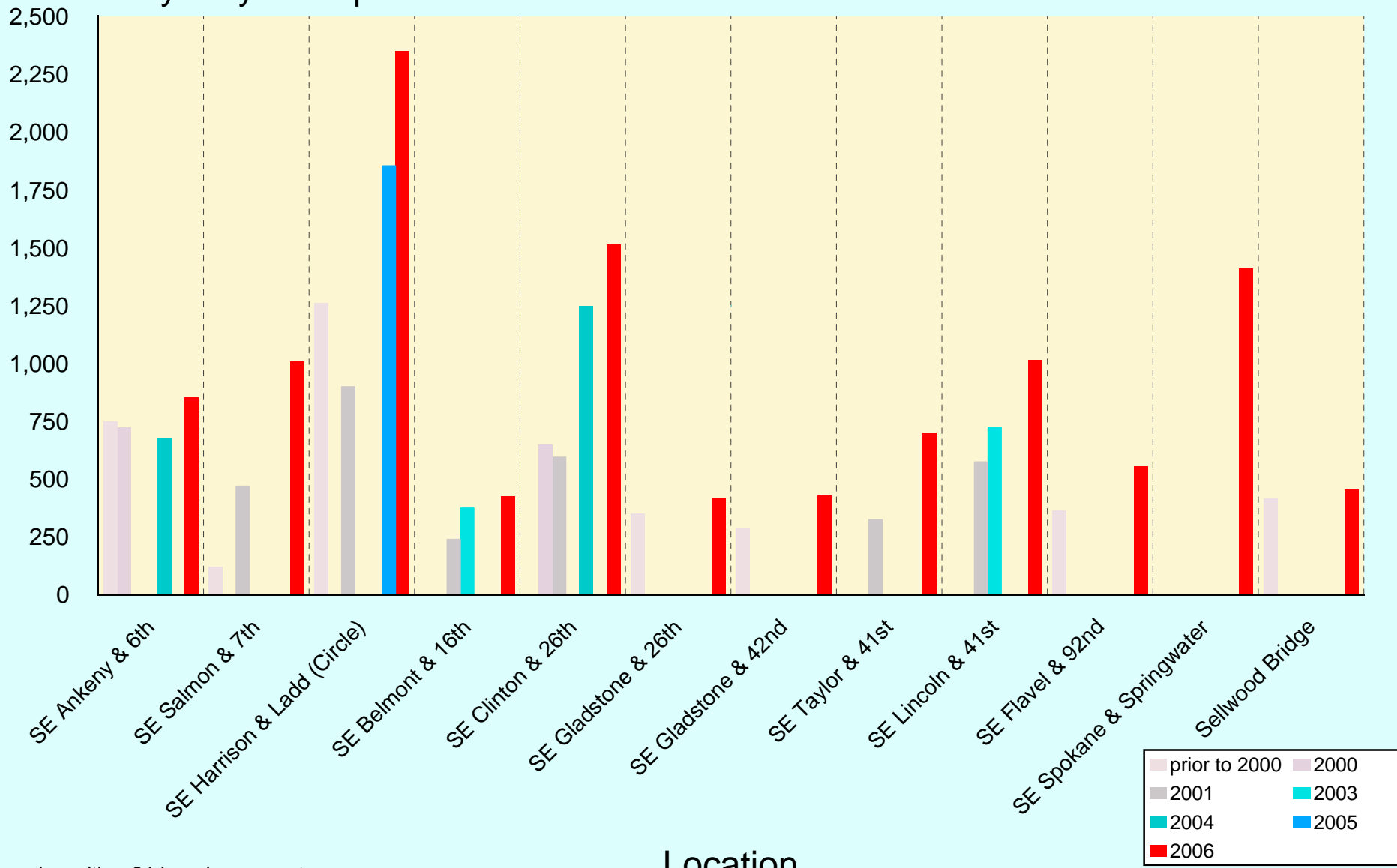
The drop in bicycle trips at the first two intersections is perhaps explained by the growing popularity of the Vancouver-Williams bikeway and the signing that directs cyclists to Williams from Weidler, which may eliminate the desire for northbound cyclists to use Flint.

Construction in the South Waterfront area may explain the drop in bicycle trips at the 2nd two intersections. The South Waterfront, and in particular Moody Avenue, had been torn up most of the spring and summer. The detour onto Macadam likely discouraged some trips through this area.

West Portland still has obvious and significant challenges for bicycling. While counts at many locations in SW Portland have grown, the overall number of cyclists is still relatively low. Though the intersection of Capital & Vermont showed a slight decrease compared to a previous count, the drop is not statistically significant. More disappointing than ridership in SW Portland are the numbers coming out of NW Portland. Its proximity to the Downtown and its population density seem ideal for generating large numbers of bicycle commuters. While the drop at NW Glisan & 16th may just indicate that NW cyclists are discovering the parallel boulevards on Johnson, Overton, Flanders and Raleigh, the overall numbers are still surprisingly low. It's also possible that we didn't pick the right locations for bike counts in NW Portland.

Daily Bicycle Traffic SE Portland 2006 Counts Compared to Previous Years

Daily Bicycle Trips

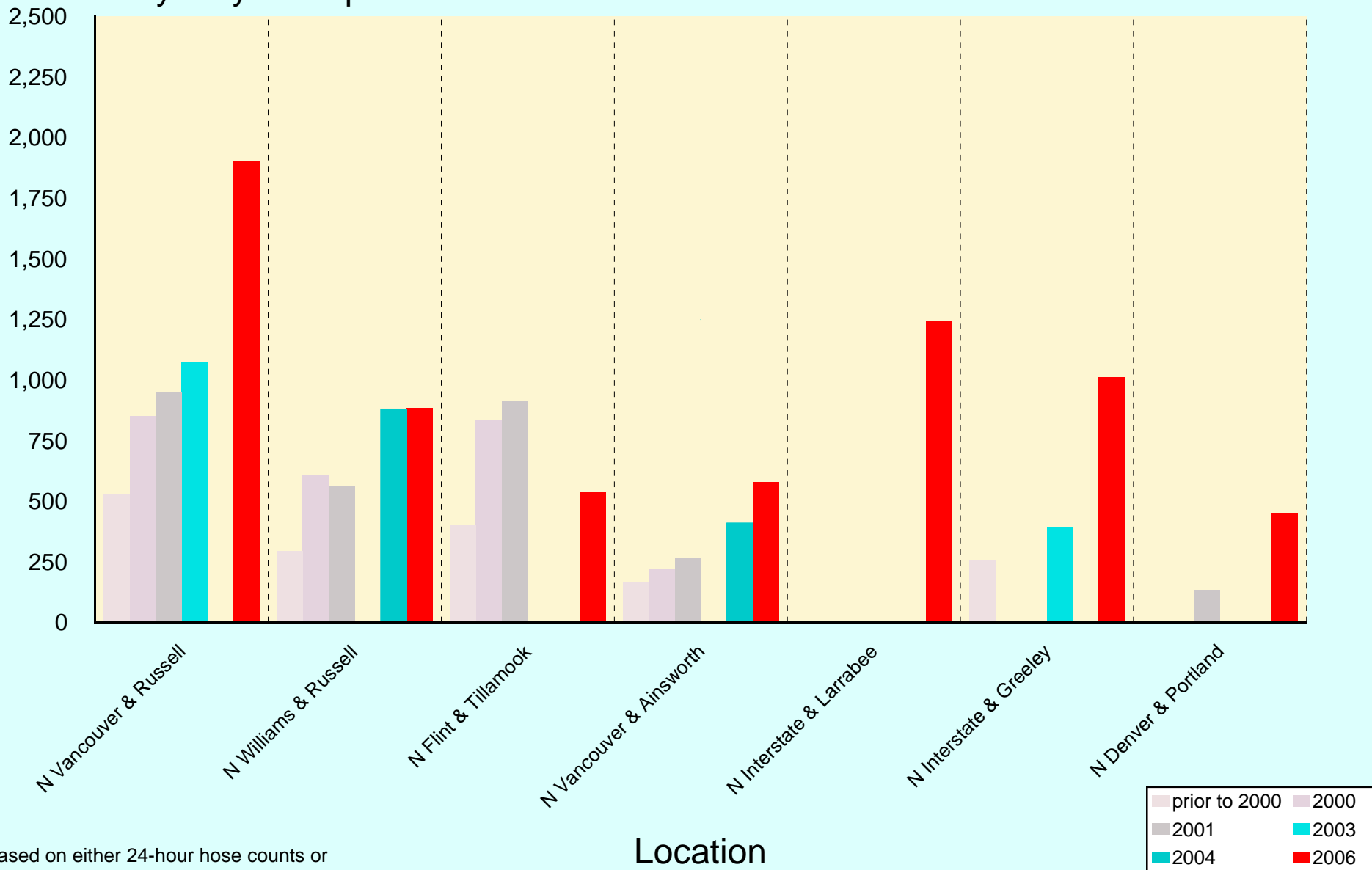


Based on either 24-hour hose counts or extrapolated from 2-hour peak counts

Location

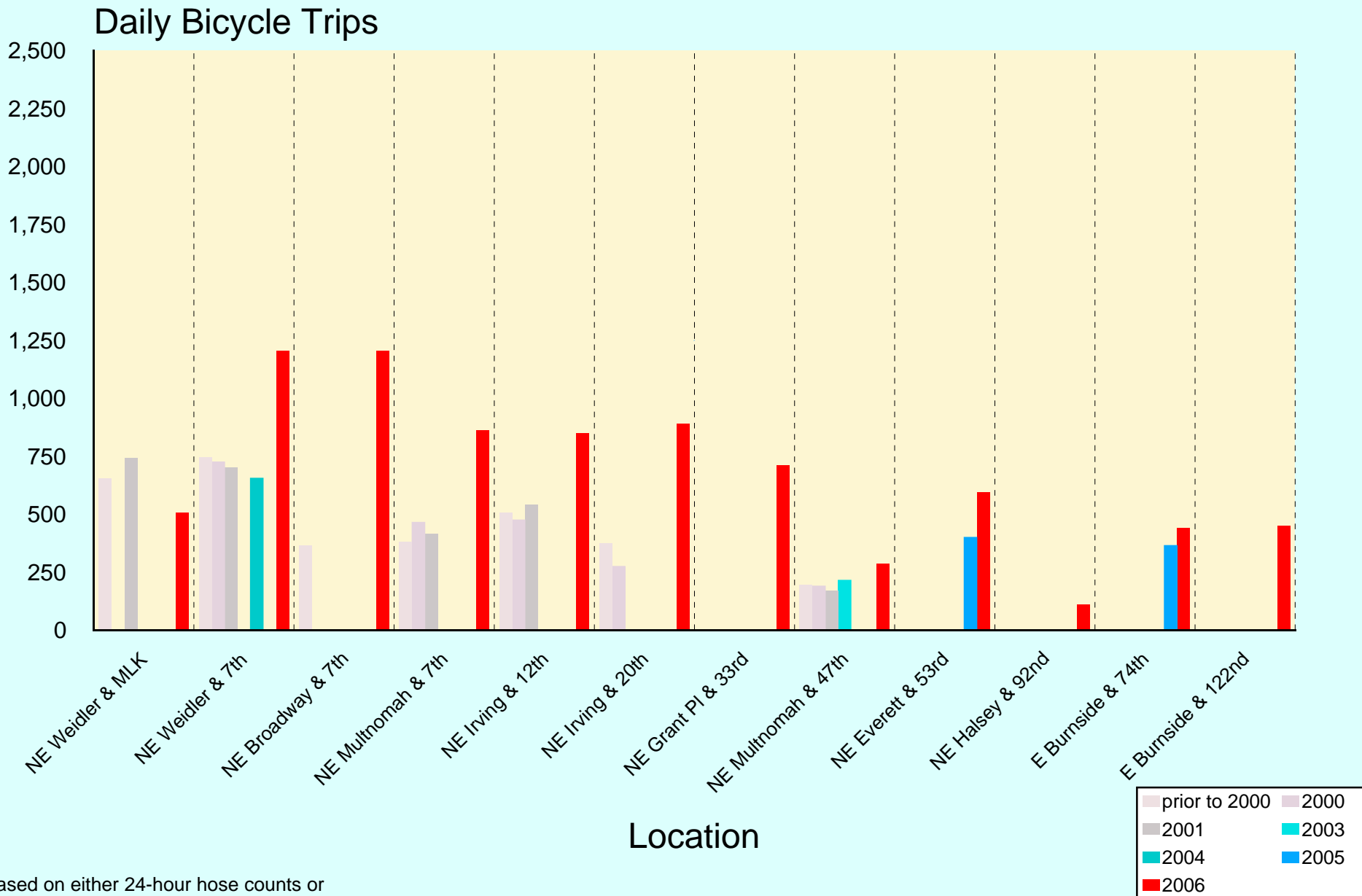
Daily Bicycle Traffic: North Portland 2006 Counts Compared to Previous Years

Daily Bicycle Trips



Based on either 24-hour hose counts or extrapolated from 2-hour peak counts

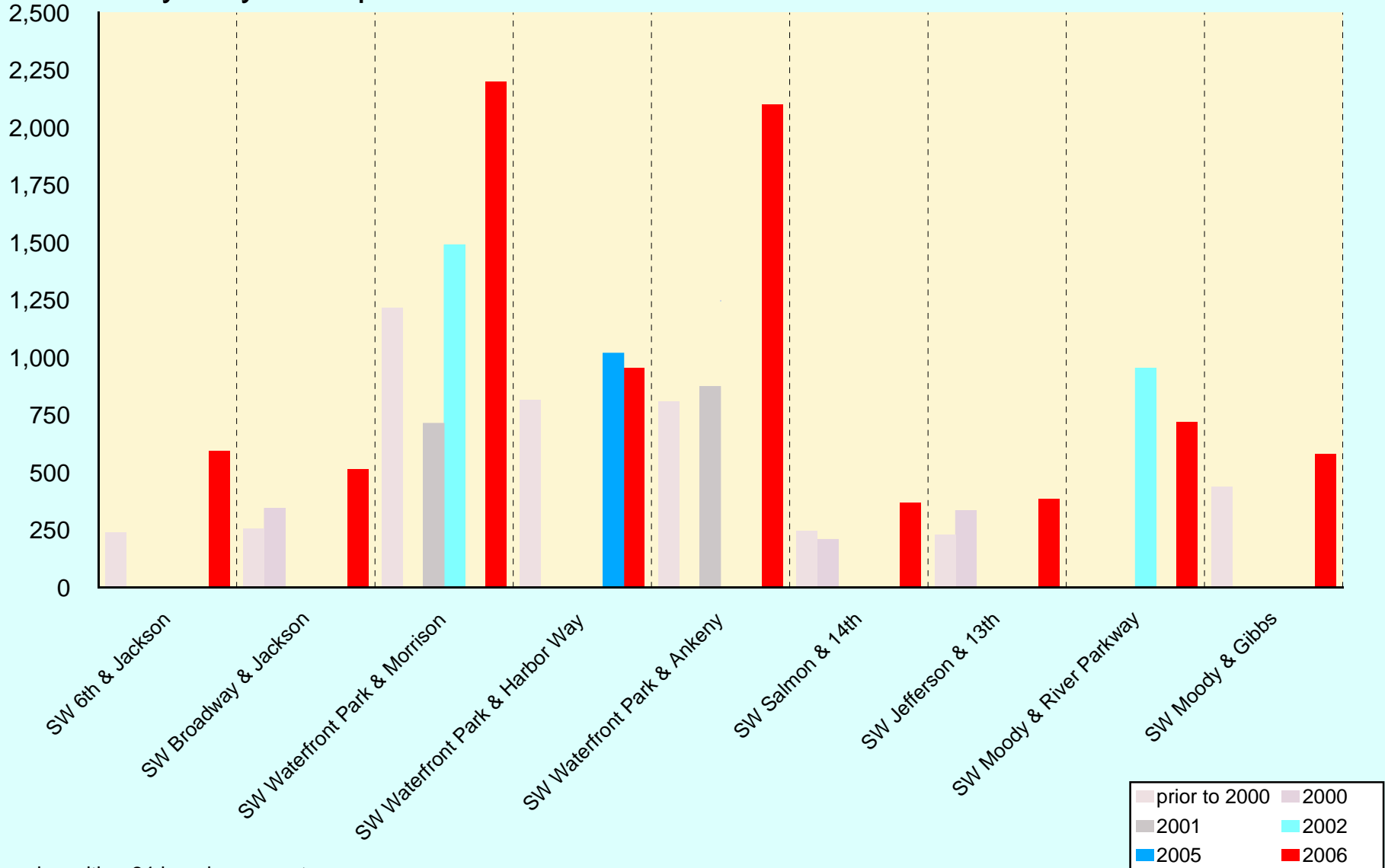
Daily Bicycle Traffic: NE Portland 2006 Counts Compared to Previous Years



Based on either 24-hour hose counts or extrapolated from 2-hour peak counts

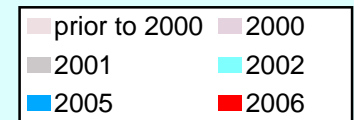
Daily Bicycle Traffic: West Portland (Central City) 2006 Counts Compared to Previous Years

Daily Bicycle Trips

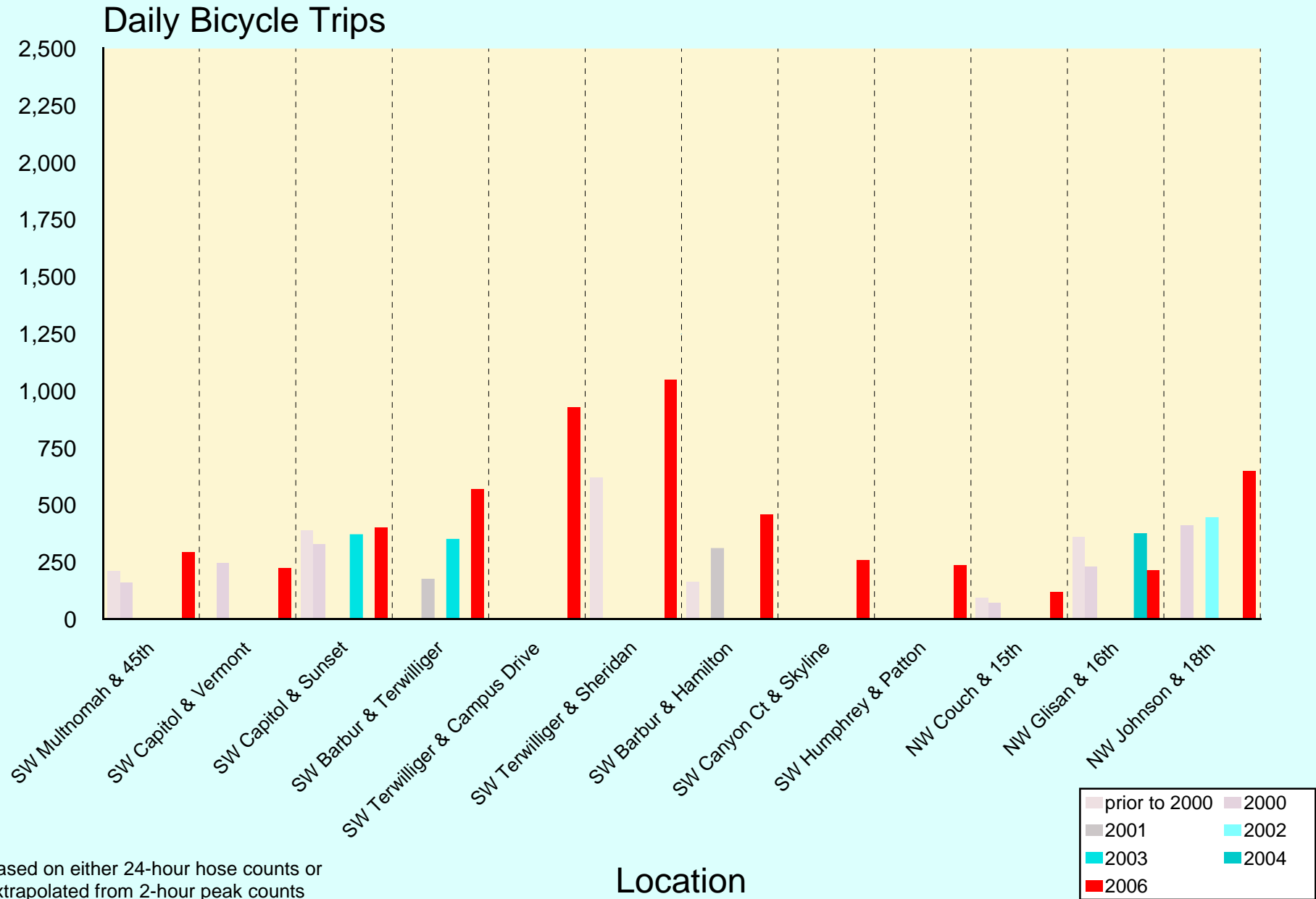


Based on either 24-hour hose counts or extrapolated from 2-hour peak counts

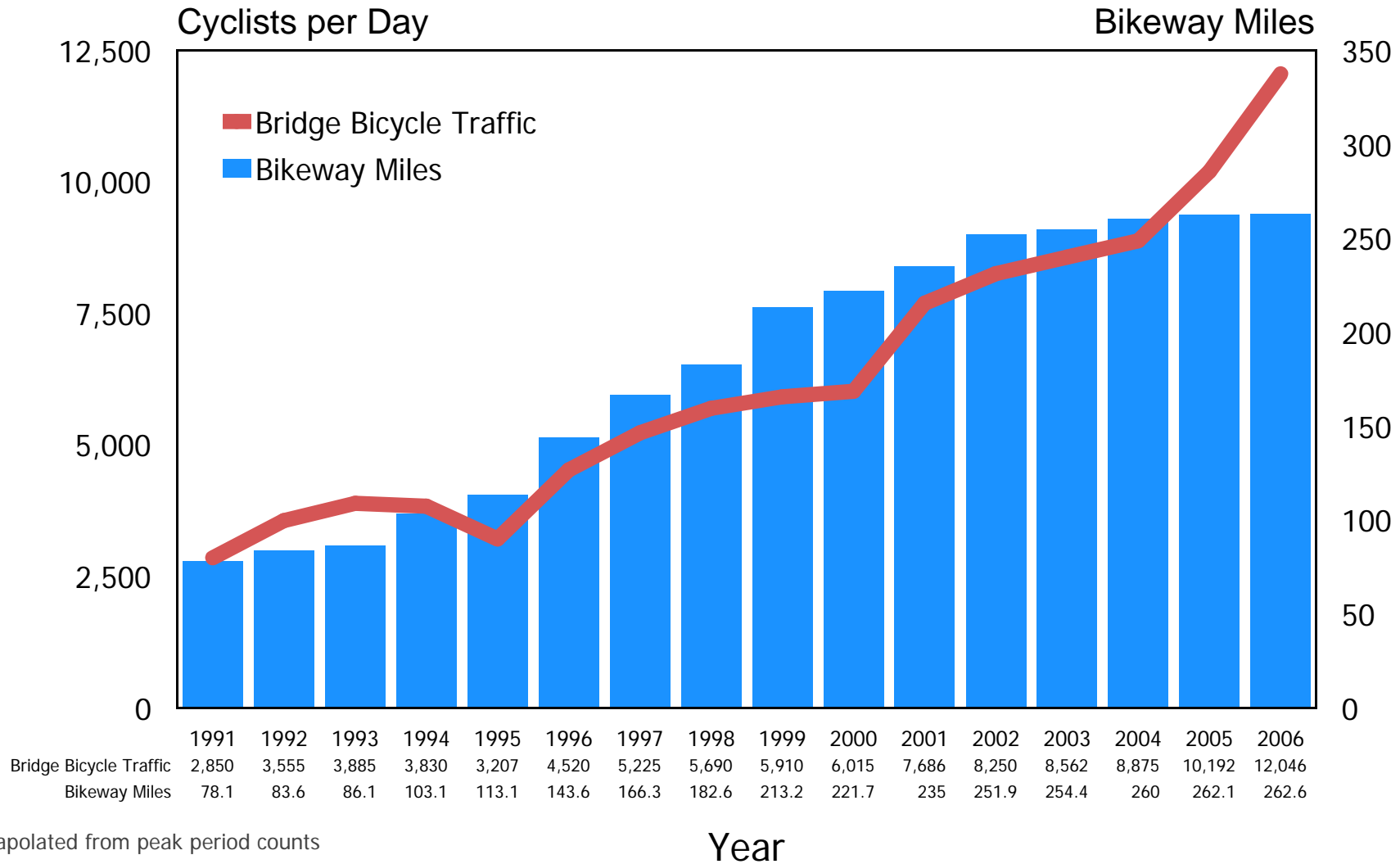
Location



Daily Bicycle Traffic: West Portland (not including Central City) 2006 Counts Compared to Previous Years



Combined Bicycle Traffic over Four Main Portland Bicycle Bridges Juxtaposed with Bikeway Miles

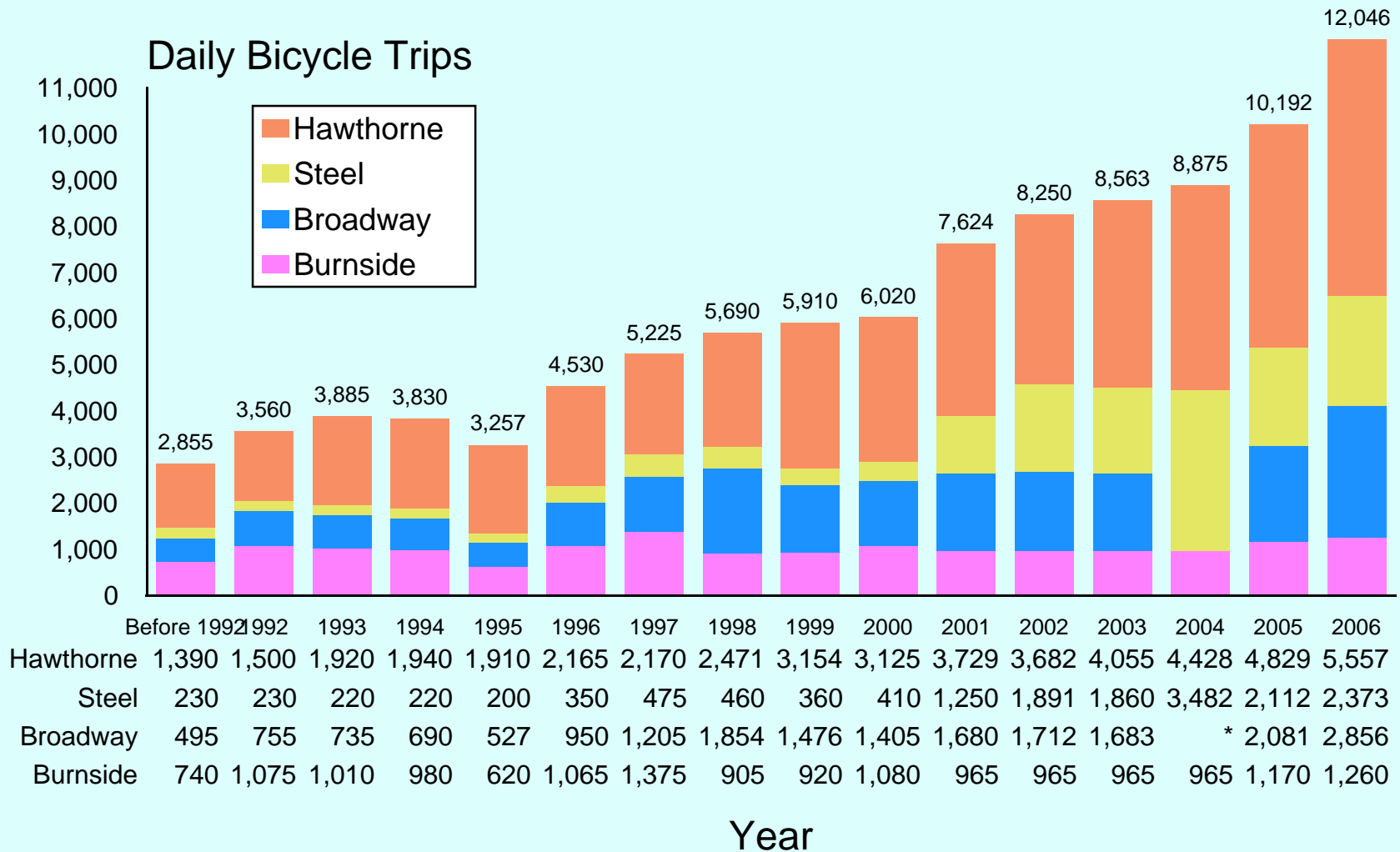


Extrapolated from peak period counts

Portland's Bikeway Network increased 232% between 1991 and 2006. During that same period, the number of bicycle riders daily crossing the four main bicycle bridges in Portland increased 322%. This increase was especially noticeable on the Broadway, Hawthorne, and Steel Bridges, where combined daily ridership went from 2,115 in 1991 to 10,786 in 2006. During this period, the bikeway network feeding these bridges was greatly improved, as were facilities on the bridges themselves.

Average Daily Bicycle Traffic

4 Main Willamette River Bicycle Bridges

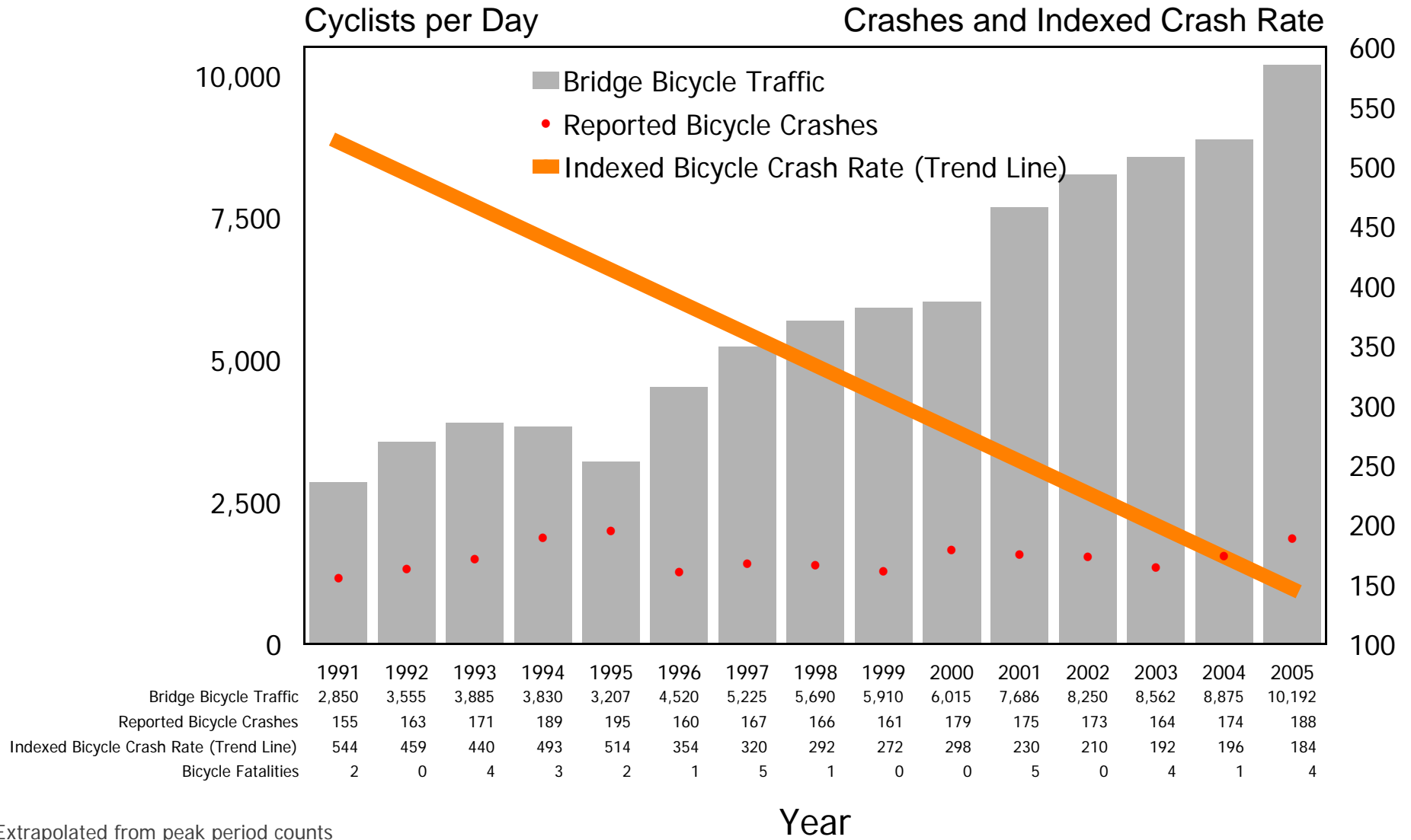


Based on either 24-hour hose counts or extrapolated from 4-6 pm counts

* Broadway Bridge closed for construction during time of count.

Year	Burnside	annual % increase	Broadway	annual % increase	Steel	annual % increase	Hawthorne	annual % increase	Total (4 bridges)	annual % increase	3-Bridge Total	annual % increase
Before 1992	740		495		230		1,390		2,855		2,115	
1992	1,075	45%	755	53%	230	0%	1,500	8%	3,560	25%	2,485	17%
1993	1,010	-6%	735	-3%	220	-4%	1,920	28%	3,885	9%	2,875	16%
1994	980	-3%	690	-6%	220	0%	1,940	1%	3,830	-1%	2,850	-1%
1995	620	-37%	527	-24%	200	-9%	1,910	-2%	3,257	-15%	2,637	-7%
1996	1,065	72%	950	80%	350	75%	2,165	13%	4,530	39%	3,465	31%
1997	1,375	29%	1,205	27%	475	36%	2,170	0%	5,225	15%	3,850	11%
1998	905	-34%	1,854	54%	460	-3%	2,471	14%	5,690	9%	4,785	24%
1999	920	2%	1,476	-20%	360	-22%	3,154	28%	5,910	4%	4,990	4%
2000	1,080	17%	1,405	-5%	410	14%	3,125	-1%	6,020	2%	4,940	-1%
2001	965	-11%	1,680	20%	1,250	205%	3,729	19%	7,624	27%	6,659	35%
2002	965	0%	1,712	2%	1,891	51%	3,682	-1%	8,250	8%	7,285	9%
2003	965	0%	1,683	-2%	1,860	-2%	4,055	10%	8,563	4%	7,598	4%
2004	965	0%		-100%	3,482	87%	4,428	9%	8,875	4%	7,910	4%
2005	1,170	21%	2,081	#DIV/0!	2,112	-39%	4,829	9%	10,192	15%	9,022	14%
2006	1,260	8%	2,856	37%	2,373	12%	5,557	15%	12,046	18%	10,786	20%

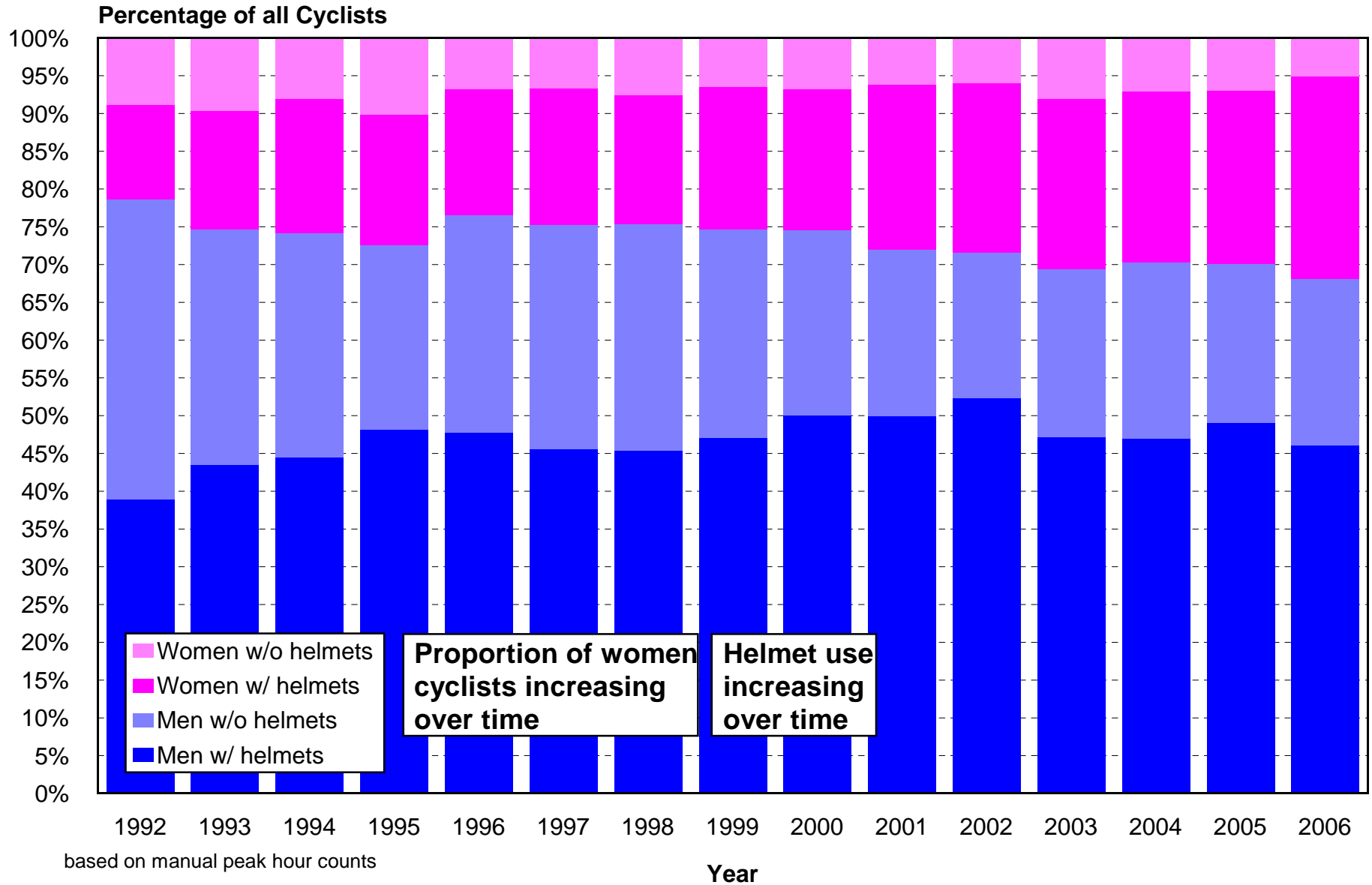
Combined Bicycle Traffic over Four Main Portland Bicycle Bridges Juxtaposed with Bicycle Crashes



Extrapolated from peak period counts

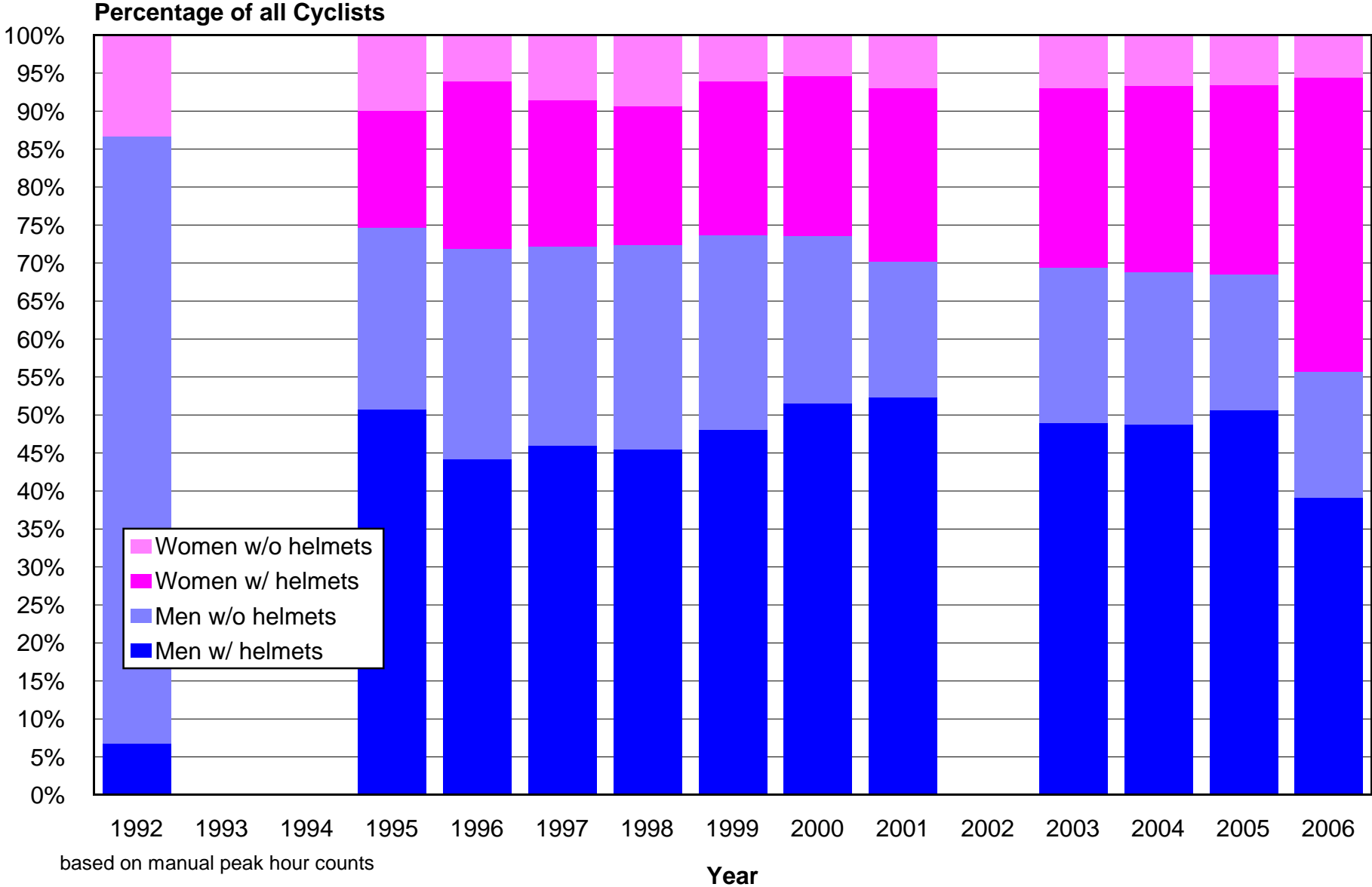
“Crash Rate” represents an indexing of annual reported crashes to daily bicycle trips across the four main bicycle bridges.

City of Portland Bicycle Counts by Year Gender & Helmet Use



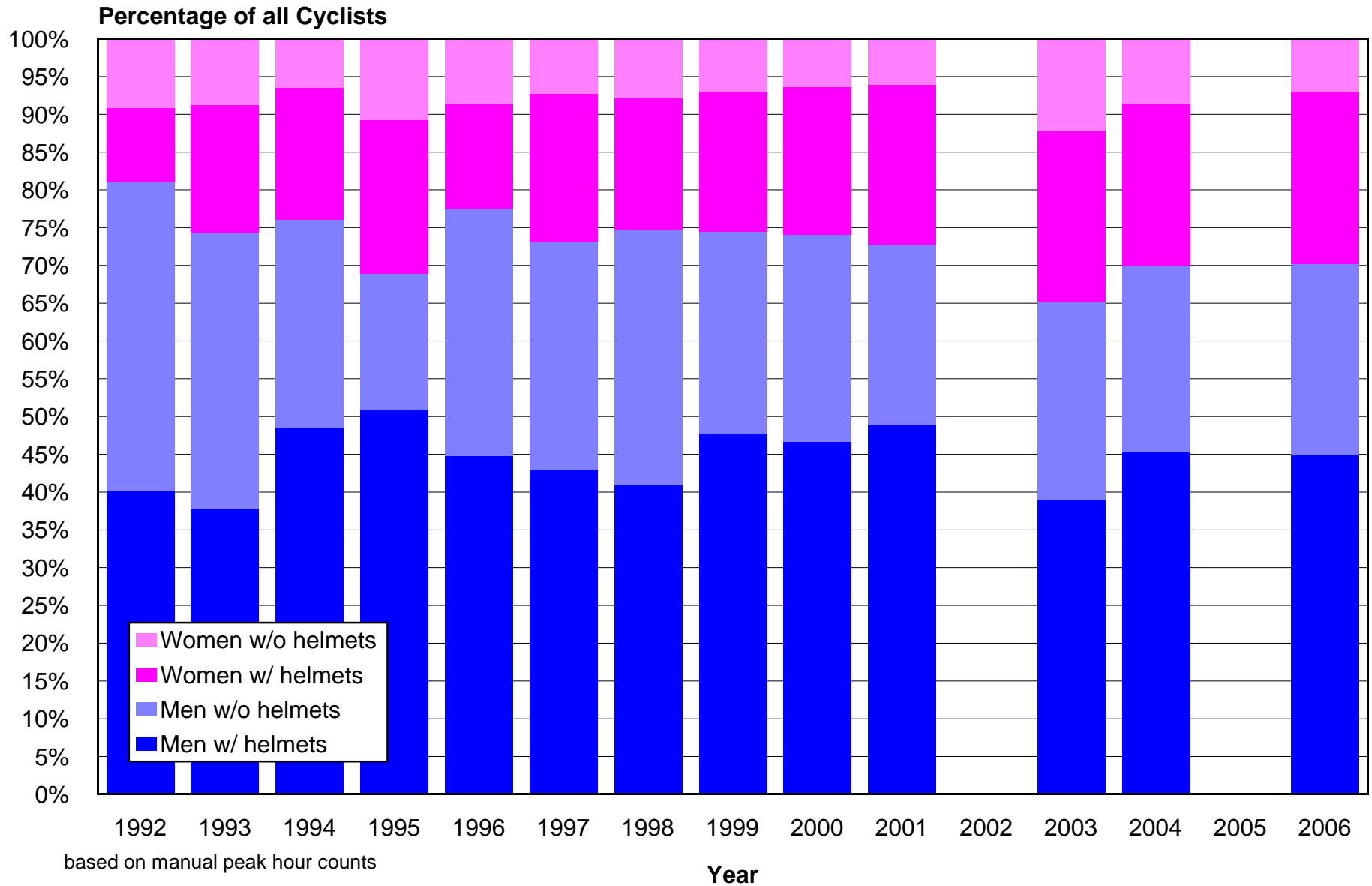
City of Portland Bicycle Counts by Year: Inner SE Portland

Gender & Helmet Use



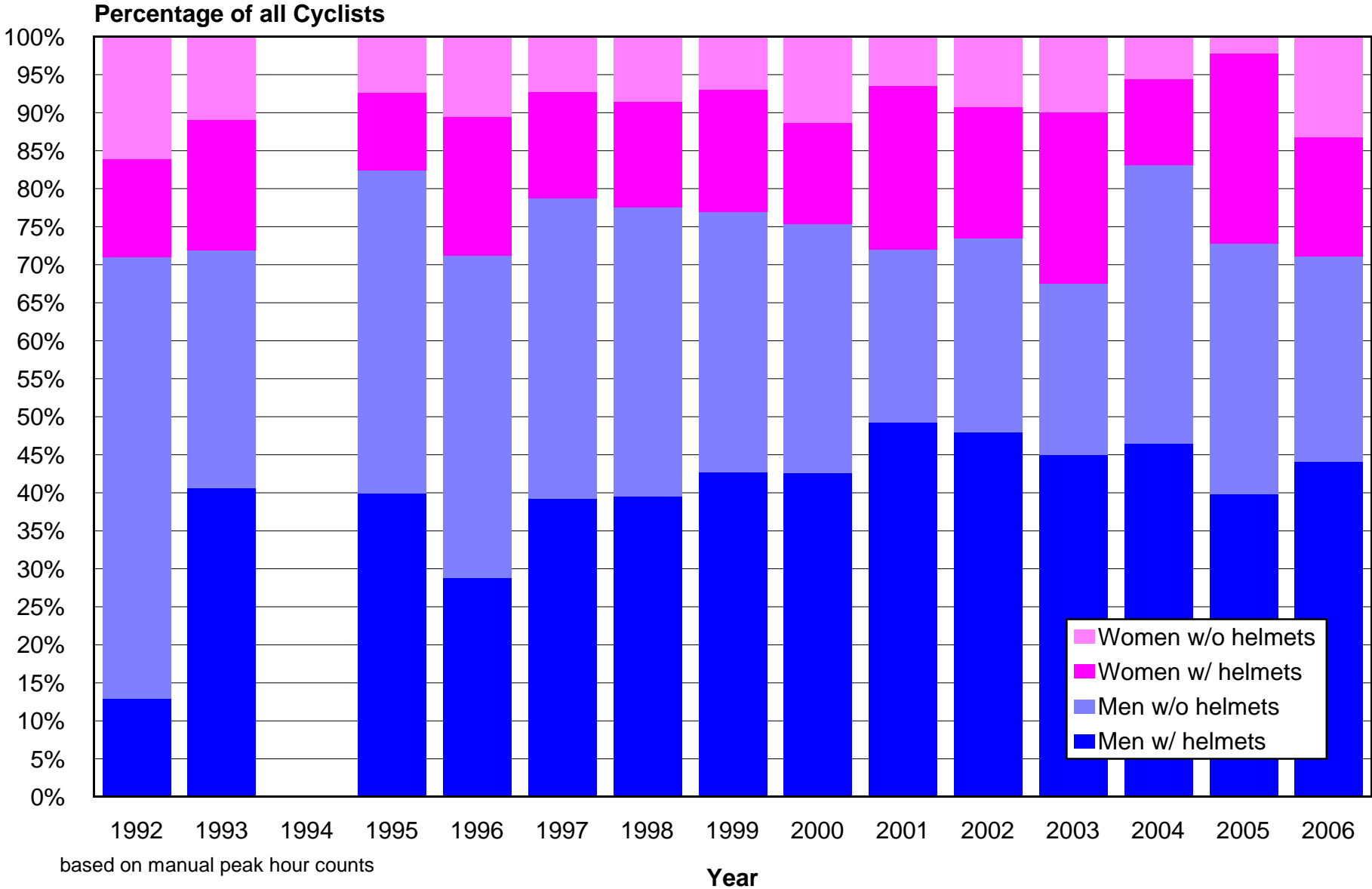
City of Portland Bicycle Counts by Year: Inner NE Portland

Gender & Helmet Use



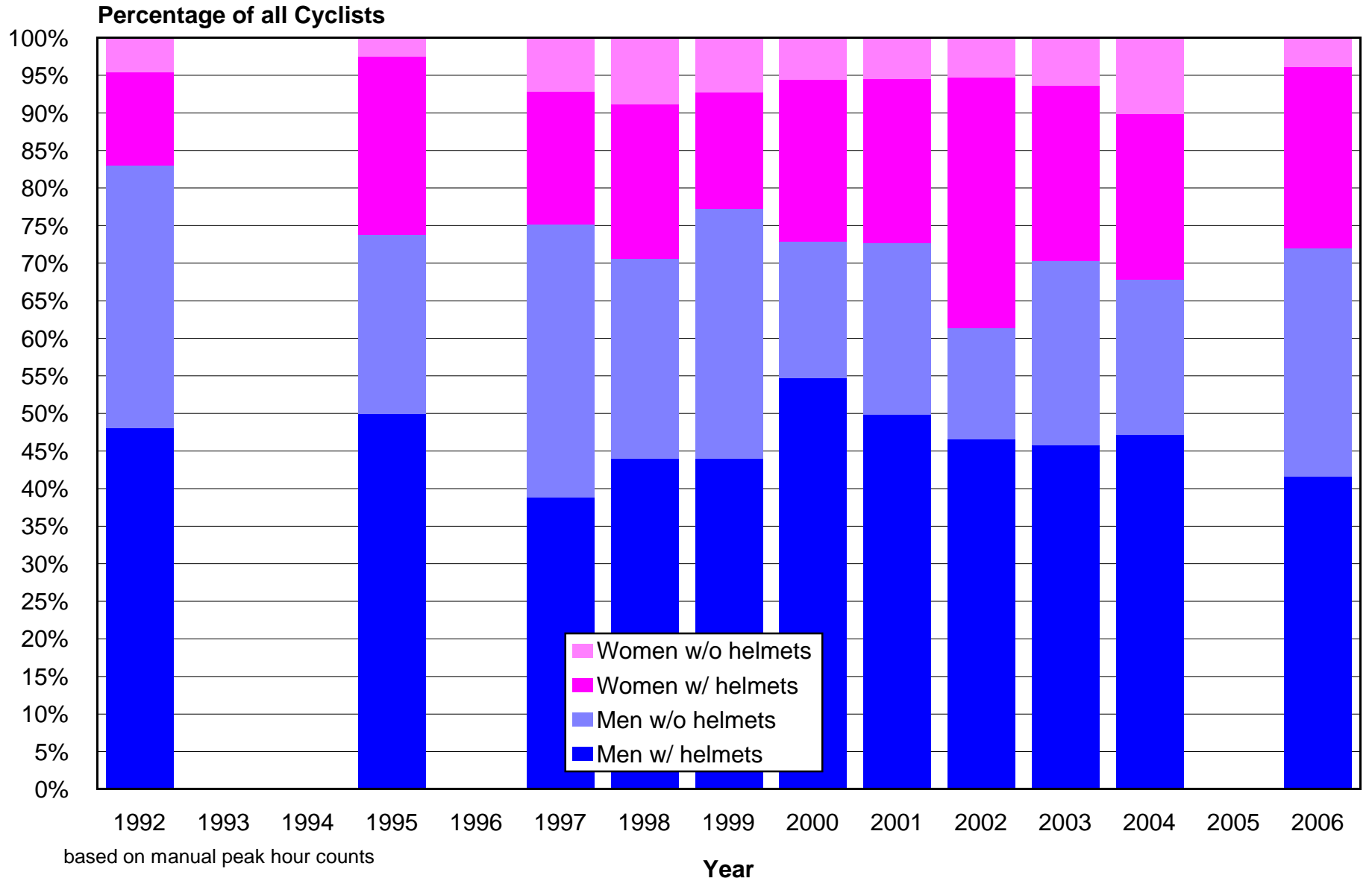
City of Portland Bicycle Counts by Year: NW Portland

Gender & Helmet Use



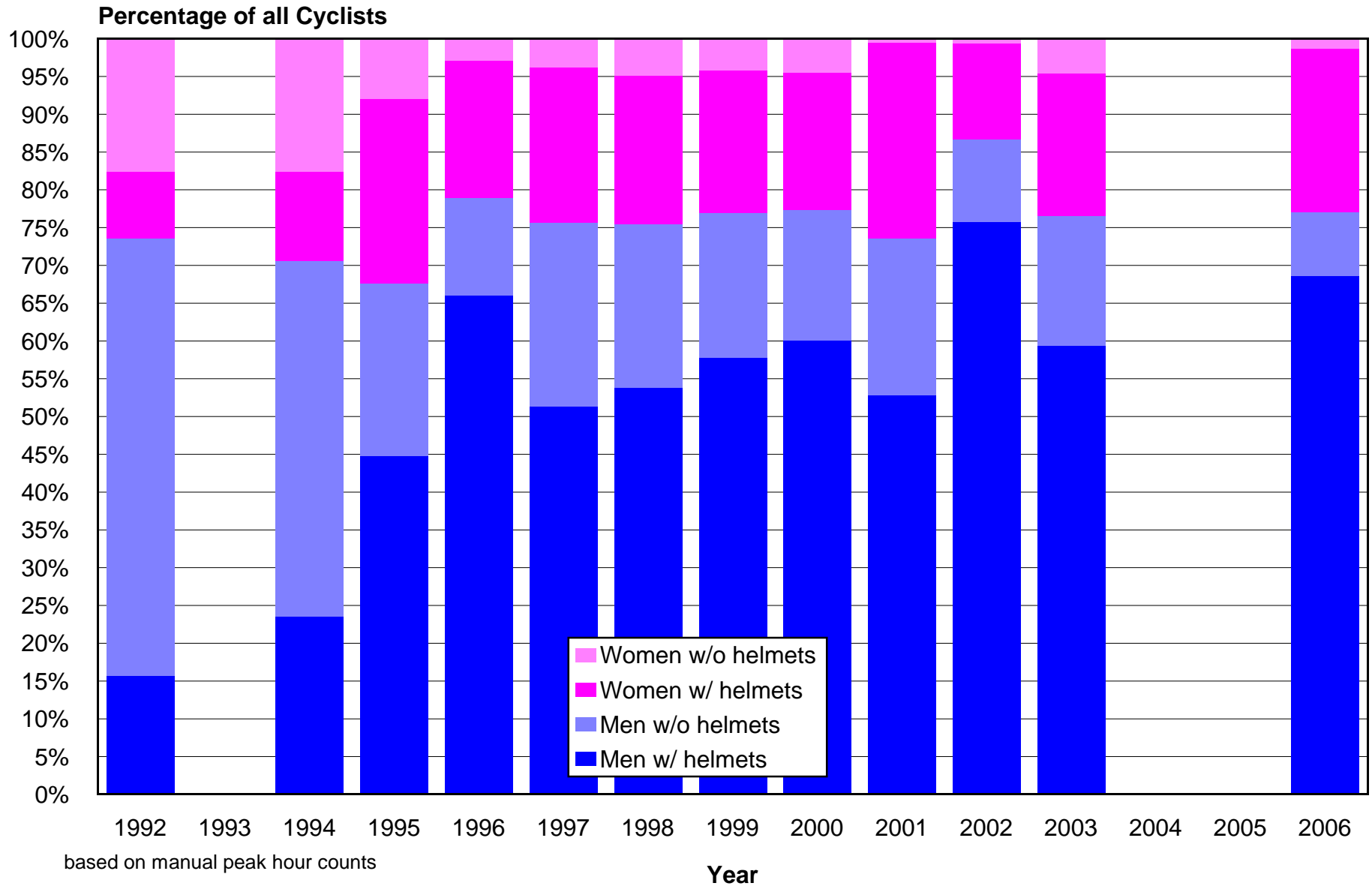
City of Portland Bicycle Counts by Year: North Portland

Gender & Helmet Use



City of Portland Bicycle Counts by Year: SW Portland

Gender & Helmet Use



City of Portland Bicycle Counts by Year

Gender and Helmet Use

Citywide

	Male Cyclists			Female Cyclists			Percentages						Male Cyclists as % of all cyclists		Female Cyclists as % of all cyclists		Based on		
	w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets	Total	Male Cyclists			Female Cyclists			All Cyclists		w/ helmets	w/o helmets		w/ helmets	w/o helmets
							w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets					
1992	401	408	809	129	91	220	50%	50%	79%	59%	41%	21%	52%	48%	39%	40%	13%	9%	1,029 cyclists
1993	810	579	1,389	291	180	471	58%	42%	75%	62%	38%	25%	59%	41%	44%	31%	16%	10%	1,860 cyclists
1994	422	282	704	168	77	245	60%	40%	74%	69%	31%	26%	62%	38%	44%	30%	18%	8%	949 cyclists
1995	1,311	667	1,978	469	277	746	66%	34%	73%	63%	37%	27%	65%	35%	48%	24%	17%	10%	2,724 cyclists
1996	1,541	928	2,469	536	220	756	62%	38%	77%	71%	29%	23%	64%	36%	48%	29%	17%	7%	3,225 cyclists
1997	3,240	2,119	5,359	1,284	474	1,758	60%	40%	75%	73%	27%	25%	64%	36%	46%	30%	18%	7%	7,117 cyclists
1998	3,202	2,106	5,308	1,206	532	1,738	60%	40%	75%	69%	31%	25%	63%	37%	45%	30%	17%	8%	7,046 cyclists
1999	2,676	1,563	4,239	1,075	367	1,442	63%	37%	75%	75%	25%	25%	66%	34%	47%	28%	19%	6%	5,681 cyclists
2000	2,544	1,252	3,796	950	343	1,293	67%	33%	75%	73%	27%	25%	69%	31%	50%	25%	19%	7%	5,089 cyclists
2001	4,116	1,820	5,936	1,801	509	2,310	69%	31%	72%	78%	22%	28%	72%	28%	50%	22%	22%	6%	8,246 cyclists
2002	605	223	828	259	69	328	73%	27%	72%	79%	21%	28%	75%	25%	52%	19%	22%	6%	1,156 cyclists
2003	2,000	942	2,942	956	341	1,297	68%	32%	69%	74%	26%	31%	70%	30%	47%	22%	23%	8%	4,239 cyclists
2004	1,544	764	2,308	744	234	978	67%	33%	70%	76%	24%	30%	70%	30%	47%	23%	23%	7%	3,286 cyclists
2005	1,441	617	2,058	673	206	879	70%	30%	70%	77%	23%	30%	72%	28%	49%	21%	23%	7%	2,937 cyclists
2006	5,677	2,732	8,409	3,319	630	3,949	68%	32%	68%	84%	16%	32%	73%	27%	46%	22%	27%	5%	12,358 cyclists
Total	31,530	17,002	48,532	13,860	4,550	18,410	65%	35%	72%	75%	25%	28%	68%	32%	47%	25%	21%	7%	66,942 cyclists

North Portland

	Male Cyclists			Female Cyclists			Percentages						Male Cyclists as % of all cyclists		Female Cyclists as % of all cyclists		Based on		
	w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets	Total	Male Cyclists			Female Cyclists			All Cyclists		w/ helmets	w/o helmets		w/ helmets	w/o helmets
							w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets					
1992	62	45	107	16	6	22	58%	42%	83%	73%	27%	17%	60%	40%	48%	35%	12%	5%	129 cyclists
1993	0	0	0	0	0	0													0 cyclists
1994	0	0	0	0	0	0													0 cyclists
1995	40	19	59	19	2	21	68%	32%	74%	90%	10%	26%	74%	26%	50%	24%	24%	3%	80 cyclists
1996	0	0	0	0	0	0													0 cyclists
1997	156	146	302	71	29	100	52%	48%	75%	71%	29%	25%	56%	44%	39%	36%	18%	7%	402 cyclists
1998	197	119	316	92	40	132	62%	38%	71%	70%	30%	29%	65%	35%	44%	27%	21%	9%	448 cyclists
1999	170	128	298	60	28	88	57%	43%	77%	68%	32%	23%	60%	40%	44%	33%	16%	7%	386 cyclists
2000	403	133	536	159	41	200	75%	25%	73%	80%	21%	27%	76%	24%	55%	18%	22%	6%	736 cyclists
2001	821	375	1,196	359	91	450	69%	31%	73%	80%	20%	27%	72%	28%	50%	23%	22%	6%	1,646 cyclists
2002	88	28	116	63	10	73	76%	24%	61%	86%	14%	39%	80%	20%	47%	15%	33%	5%	189 cyclists
2003	301	161	462	153	42	195	65%	35%	70%	78%	22%	30%	69%	31%	46%	25%	23%	6%	657 cyclists
2004	148	65	213	69	32	101	69%	31%	68%	68%	32%	32%	69%	31%	47%	21%	22%	10%	314 cyclists
2005	0	0	0	0	0	0													0 cyclists
2006	1,197	873	2,070	694	112	806	58%	42%	72%	86%	14%	28%	66%	34%	42%	30%	24%	4%	2,876 cyclists
Total	3,583	2,092	5,675	1,755	433	2,188	63%	37%	72%	80%	20%	28%	68%	32%	46%	27%	22%	6%	7,863 cyclists

City of Portland Bicycle Counts by Year

Gender and Helmet Use

Northwest Portland

	Male Cyclists			Female Cyclists			Percentages						Male Cyclists as % of all cyclists		Female Cyclists as % of all cyclists		Based on		
	w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets	Total	Male Cyclists			Female Cyclists			All Cyclists		w/ helmets	w/o helmets		w/ helmets	w/o helmets
							w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets					
1992	4	18	22	4	5	9	18%	82%	71%	44%	56%	29%	26%	74%	13%	58%	13%	16%	31 cyclists
1993	52	40	92	22	14	36	57%	43%	72%	61%	39%	28%	58%	42%	41%	31%	17%	11%	128 cyclists
1994	0	0	0	0	0	0													0 cyclists
1995	59	63	122	15	11	26	48%	52%	82%	58%	42%	18%	50%	50%	40%	43%	10%	7%	148 cyclists
1996	19	28	47	12	7	19	40%	60%	71%	63%	37%	29%	47%	53%	29%	42%	18%	11%	66 cyclists
1997	231	233	464	82	43	125	50%	50%	79%	66%	34%	21%	53%	47%	39%	40%	14%	7%	589 cyclists
1998	180	173	353	63	39	102	51%	49%	78%	62%	38%	22%	53%	47%	40%	38%	14%	9%	455 cyclists
1999	200	161	361	75	33	108	55%	45%	77%	69%	31%	23%	59%	41%	43%	34%	16%	7%	469 cyclists
2000	270	207	477	84	72	156	57%	43%	75%	54%	46%	25%	56%	44%	43%	33%	13%	11%	633 cyclists
2001	304	140	444	133	40	173	68%	32%	72%	77%	23%	28%	71%	29%	49%	23%	22%	6%	617 cyclists
2002	150	80	230	54	29	83	65%	35%	73%	65%	35%	27%	65%	35%	48%	26%	17%	9%	313 cyclists
2003	18	9	27	9	4	13	67%	33%	68%	69%	31%	33%	68%	33%	45%	23%	23%	10%	40 cyclists
2004	66	52	118	16	8	24	56%	44%	83%	67%	33%	17%	58%	42%	46%	37%	11%	6%	142 cyclists
2005	35	29	64	22	2	24	55%	45%	73%	92%	8%	27%	65%	35%	40%	33%	25%	2%	88 cyclists
2006	87	53	140	31	26	57	62%	38%	71%	54%	46%	29%	60%	40%	44%	27%	16%	13%	197 cyclists
Total	1,675	1,286	2,961	622	333	955	57%	43%	76%	65%	35%	24%	59%	41%	43%	33%	16%	9%	3,916 cyclists

Southwest Portland

	Male Cyclists			Female Cyclists			Percentages						Male Cyclists as % of all cyclists		Female Cyclists as % of all cyclists		Based on		
	w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets	Total	Male Cyclists			Female Cyclists			All Cyclists		w/ helmets	w/o helmets		w/ helmets	w/o helmets
							w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets					
1992	16	59	75	9	18	27	21%	79%	74%	33%	67%	26%	25%	75%	16%	58%	9%	18%	102 cyclists
1993	0	0	0	0	0	0													0 cyclists
1994	8	16	24	4	6	10	33%	67%	71%	40%	60%	29%	35%	65%	24%	47%	12%	18%	34 cyclists
1995	130	66	196	71	23	94	66%	34%	68%	76%	24%	32%	69%	31%	45%	23%	24%	8%	290 cyclists
1996	179	35	214	49	8	57	84%	16%	79%	86%	14%	21%	84%	16%	66%	13%	18%	3%	271 cyclists
1997	405	192	597	162	30	192	68%	32%	76%	84%	16%	24%	72%	28%	51%	24%	21%	4%	789 cyclists
1998	471	189	660	172	43	215	71%	29%	75%	80%	20%	25%	73%	27%	54%	22%	20%	5%	875 cyclists
1999	273	90	363	89	20	109	75%	25%	77%	82%	18%	23%	77%	23%	58%	19%	19%	4%	472 cyclists
2000	374	108	482	113	28	141	78%	22%	77%	80%	20%	23%	78%	22%	60%	17%	18%	4%	623 cyclists
2001	92	36	128	45	1	46	72%	28%	74%	98%	2%	26%	79%	21%	53%	21%	26%	1%	174 cyclists
2002	125	18	143	21	1	22	87%	13%	87%	95%	5%	13%	88%	12%	76%	11%	13%	1%	165 cyclists
2003	180	52	232	57	14	71	78%	22%	77%	80%	20%	23%	78%	22%	59%	17%	19%	5%	303 cyclists
2004	0	0	0	0	0	0													0 cyclists
2005	0	0	0	0	0	0													0 cyclists
2006	695	85	780	220	13	233	89%	11%	77%	94%	6%	23%	90%	10%	69%	8%	22%	1%	1,013 cyclists
Total	2,948	946	3,894	1,012	205	1,217	76%	24%	76%	83%	17%	24%	77%	23%	58%	19%	20%	4%	5,111 cyclists

City of Portland Bicycle Counts by Year

Gender and Helmet Use

Outer East Portland

	Male Cyclists			Female Cyclists			Percentages						Male Cyclists as % of all cyclists		Female Cyclists as % of all cyclists		Based on		
	w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets	Total	Male Cyclists			Female Cyclists			All Cyclists		w/ helmets	w/o helmets		w/ helmets	w/o helmets
				w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets	w/ helmets	w/o helmets		w/ helmets	w/o helmets
1992	0	0	0	0	0	0													0 cyclists
1993	0	0	0	0	0	0													0 cyclists
1994	0	0	0	0	0	0													0 cyclists
1995	0	0	0	0	0	0													0 cyclists
1996	0	0	0	0	0	0													0 cyclists
1997	0	0	0	0	0	0													0 cyclists
1998	0	0	0	0	0	0													0 cyclists
1999	0	0	0	0	0	0													0 cyclists
2000	0	0	0	0	0	0													0 cyclists
2001	0	0	0	0	0	0													0 cyclists
2002	0	0	0	0	0	0													0 cyclists
2003	0	0	0	0	0	0													0 cyclists
2004	0	0	0	0	0	0													0 cyclists
2005	0	0	0	0	0	0													0 cyclists
2006	71	153	224	16	18	34	32%	68%	87%	47%	53%	13%	34%	66%	28%	59%	6%	7%	258 cyclists
Total	71	153	224	16	18	34	32%	68%	87%	47%	53%	13%	34%	66%	28%	59%	6%	7%	258 cyclists

Inner NE Portland

	Male Cyclists			Female Cyclists			Percentages						Male Cyclists as % of all cyclists		Female Cyclists as % of all cyclists		Based on		
	w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets	Total	Male Cyclists			Female Cyclists			All Cyclists		w/ helmets	w/o helmets		w/ helmets	w/o helmets
				w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets	w/ helmets	w/o helmets		w/ helmets	w/o helmets
1992	70	71	141	17	16	33	50%	50%	81%	52%	48%	19%	50%	50%	40%	41%	10%	9%	174 cyclists
1993	177	171	348	79	41	120	51%	49%	74%	66%	34%	26%	55%	45%	38%	37%	17%	9%	468 cyclists
1994	67	38	105	24	9	33	64%	36%	76%	73%	27%	24%	66%	34%	49%	28%	17%	7%	138 cyclists
1995	311	110	421	124	66	190	74%	26%	69%	65%	35%	31%	71%	29%	51%	18%	20%	11%	611 cyclists
1996	412	301	713	128	79	207	58%	42%	78%	62%	38%	23%	59%	41%	45%	33%	14%	9%	920 cyclists
1997	736	517	1,253	335	124	459	59%	41%	73%	73%	27%	27%	63%	37%	43%	30%	20%	7%	1,712 cyclists
1998	929	770	1,699	393	180	573	55%	45%	75%	69%	31%	25%	58%	42%	41%	34%	17%	8%	2,272 cyclists
1999	656	367	1,023	254	97	351	64%	36%	74%	72%	28%	26%	66%	34%	48%	27%	18%	7%	1,374 cyclists
2000	627	367	994	262	86	348	63%	37%	74%	75%	25%	26%	66%	34%	47%	27%	20%	6%	1,342 cyclists
2001	1,416	690	2,106	615	177	792	67%	33%	73%	78%	22%	27%	70%	30%	49%	24%	21%	6%	2,898 cyclists
2002	0	0	0	0	0	0													0 cyclists
2003	402	272	674	233	126	359	60%	40%	65%	65%	35%	35%	61%	39%	39%	26%	23%	12%	1,033 cyclists
2004	246	134	380	116	47	163	65%	35%	70%	71%	29%	30%	67%	33%	45%	25%	21%	9%	543 cyclists
2005	0	0	0	0	0	0													0 cyclists
2006	864	485	1,349	436	137	573	64%	36%	70%	76%	24%	30%	68%	32%	45%	25%	23%	7%	1,922 cyclists
Total	6,913	4,293	11,206	3,016	1,185	4,201	62%	38%	73%	72%	28%	27%	64%	36%	45%	28%	20%	8%	15,407 cyclists

City of Portland Bicycle Counts by Year

Gender and Helmet Use

Inner SE Portland

	Male Cyclists			Female Cyclists			Percentages						Male Cyclists as % of all cyclists		Female Cyclists as % of all cyclists		Based on		
	w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets	Total	Male Cyclists			Female Cyclists			All Cyclists		w/ helmets	w/o helmets		w/ helmets	w/o helmets
							w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets	Total	w/ helmets	w/o helmets					
1992	1	12	13	0	2	2	8%	92%	87%	0%	100%	13%	7%	93%	7%	80%	0%	13%	15 cyclists
1993	0	0	0	0	0	0													0 cyclists
1994	0	0	0	0	0	0													0 cyclists
1995	302	143	445	91	60	151	68%	32%	75%	60%	40%	25%	66%	34%	51%	24%	15%	10%	596 cyclists
1996	294	184	478	146	41	187	62%	38%	72%	78%	22%	28%	66%	34%	44%	28%	22%	6%	665 cyclists
1997	598	340	938	250	111	361	64%	36%	72%	69%	31%	28%	65%	35%	46%	26%	19%	9%	1,299 cyclists
1998	452	267	719	181	93	274	63%	37%	72%	66%	34%	28%	64%	36%	46%	27%	18%	9%	993 cyclists
1999	679	363	1,042	286	86	372	65%	35%	74%	77%	23%	26%	68%	32%	48%	26%	20%	6%	1,414 cyclists
2000	690	296	986	281	74	355	70%	30%	74%	79%	21%	26%	72%	28%	51%	22%	21%	6%	1,341 cyclists
2001	1,101	377	1,478	480	148	628	74%	26%	70%	76%	24%	30%	75%	25%	52%	18%	23%	7%	2,106 cyclists
2002	0	0	0	0	0	0													0 cyclists
2003	953	397	1,350	458	136	594	71%	29%	69%	77%	23%	31%	73%	27%	49%	20%	24%	7%	1,944 cyclists
2004	941	386	1,327	473	129	602	71%	29%	69%	79%	21%	31%	73%	27%	49%	20%	25%	7%	1,929 cyclists
2005	1,029	364	1,393	506	134	640	74%	26%	69%	79%	21%	31%	76%	24%	51%	18%	25%	7%	2,033 cyclists
2006	1,339	569	1,908	1,324	193	1,517	70%	30%	56%	87%	13%	44%	78%	22%	39%	17%	39%	6%	3,425 cyclists
Total	8,379	3,698	12,077	4,476	1,207	5,683	69%	31%	68%	79%	21%	32%	72%	28%	47%	21%	25%	7%	17,760 cyclists