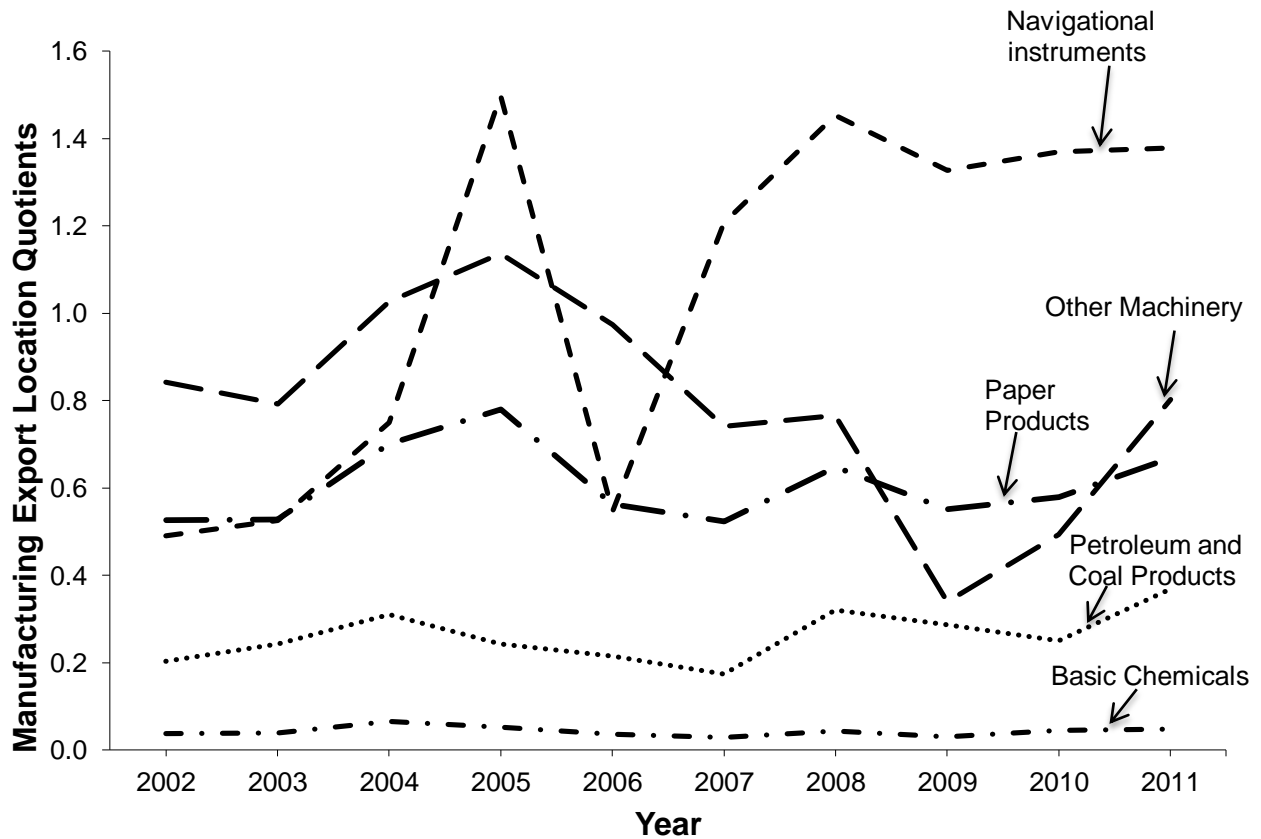


**Graph 7: Export Location Quotients for Five Washington State Industries by Year**



Sources: Exports from World Institute for Strategic Economic Research, Total Value of Shipments from Geographic Area Statistics, Annual Survey of Manufactures, U.S. Census Bureau.

Prepared by Kwanyoung Lee

**NAICS Description**

3221 Pulp, Paper, and Paperboard Mill Products

3241 Petroleum and Coal Products

3251 Basic Chemicals

3339 Other General Purpose Machinery

3345 Navigational, Measuring, Electromedical, and Control Instruments

3364 Aerospace Products and Parts

## Export Location Quotients

NAICS	Year	Real Exports (\$)	Real Total Value of Shipments (\$)	Location Quotient
3221	2002	353,742,375	1,712,137,314.96	0.53
3221	2003	359,197,390	1,779,433,857.07	0.53
3221	2004	375,530,340	1,780,915,485.83	0.70
3221	2005	418,112,970	1,841,561,909.50	0.78
3221	2006	360,536,377	1,890,951,372.17	0.56
3221	2007	353,230,835	1,754,588,783.44	0.52
3221	2008	402,332,180	1,724,351,243.55	0.65
3221	2009	343,670,024	1,476,426,511.70	0.55
3221	2010	367,381,325	1,606,860,151.31	0.58
3221	2011	465,160,001	1,625,177,442.81	0.67
3241	2002	277,055,820	3,466,744,767.74	0.20
3241	2003	373,452,080	4,011,345,159.66	0.24
3241	2004	480,148,617	5,137,130,060.73	0.31
3241	2005	557,411,337	7,889,397,314.77	0.24
3241	2006	598,747,526	8,232,081,367.36	0.21
3241	2007	551,873,387	8,275,006,626.15	0.17
3241	2008	1,196,025,253	10,373,989,037.13	0.32
3241	2009	789,720,926	6,499,461,577.41	0.29
3241	2010	829,285,004	8,383,703,933.11	0.25
3241	2011	1,631,964,041	10,338,223,256.91	0.37
3251	2002	240,406,977	15,888,646,550.79	0.04
3251	2003	232,719,430	15,495,971,070.45	0.04
3251	2004	237,024,974	12,001,728,288.46	0.07
3251	2005	207,571,926	13,469,491,720.54	0.05
3251	2006	209,623,304	17,233,407,847.86	0.04
3251	2007	226,444,849	20,031,603,261.46	0.03
3251	2008	278,636,850	17,973,867,686.06	0.04
3251	2009	234,792,586	18,297,515,967.77	0.03
3251	2010	324,654,257	18,102,798,037.43	0.05
3251	2011	443,240,227	21,513,634,390.06	0.05
3339	2002	157,985,370	477,903,011.74	0.84
3339	2003	151,161,233	498,392,802.84	0.79
3339	2004	196,886,980	636,849,190.28	1.03
3339	2005	302,309,124	913,501,243.16	1.14
3339	2006	424,438,934	1,285,944,150.22	0.97
3339	2007	469,640,635	1,649,413,411.33	0.74
3339	2008	425,881,833	1,545,871,836.03	0.77

3339	2009	204,284,712	1,424,502,850.60	0.34
3339	2010	305,125,686	1,569,112,064.77	0.49
3339	2011	439,022,968	1,278,690,264.56	0.80
3345	2002	356,541,791	1,849,861,153.65	0.49
3345	2003	378,788,181	1,881,047,136.34	0.53
3345	2004	440,461,921	1,950,641,700.40	0.75
3345	2005	506,072,481	1,160,549,975.14	1.50
3345	2006	610,848,860	3,296,814,155.03	0.55
3345	2007	642,674,168	1,385,216,012.50	1.21
3345	2008	667,235,920	1,275,560,172.13	1.45
3345	2009	603,824,859	1,076,089,282.18	1.33
3345	2010	674,729,866	1,248,291,377.25	1.37
3345	2011	744,692,063	1,262,180,766.73	1.38
3364	2002	11,802,280,504	D	—
3364	2003	10,821,235,721	D	—
3364	2004	6,677,843,223	D	—
3364	2005	7,579,278,938	D	—
3364	2006	10,800,777,099	D	—
3364	2007	12,905,276,130	D	—
3364	2008	9,664,533,701	D	—
3364	2009	11,657,395,292	D	—
3364	2010	10,318,259,303	D	—
3364	2011	11,864,393,082	D	—
WA	2002	15,888,646,551	40,486,923,940.79	—
WA	2003	15,495,971,070	40,492,358,337.56	—
WA	2004	12,001,728,288	39,858,958,502.02	—
WA	2005	13,469,491,721	46,294,982,098.46	—
WA	2006	17,233,407,848	50,856,058,257.10	—
WA	2007	20,031,603,261	52,103,992,429.91	—
WA	2008	17,973,867,686	49,947,505,924.36	—
WA	2009	18,297,515,968	43,296,708,270.05	—
WA	2010	18,102,798,037	45,887,521,125.51	—
WA	2011	21,513,634,390	50,255,622,917.09	—

D: Withheld by the U.S. Census Bureau to avoid disclosing data of individual companies; data are included in higher-level totals.

Real values obtained by deflating nominal values with the CPI for all urban consumers, all commodities less food and fuel, for Seattle-Tacoma-Bremerton, WA, base period 1982–1984, U.S. Bureau of Labor Statistics.