

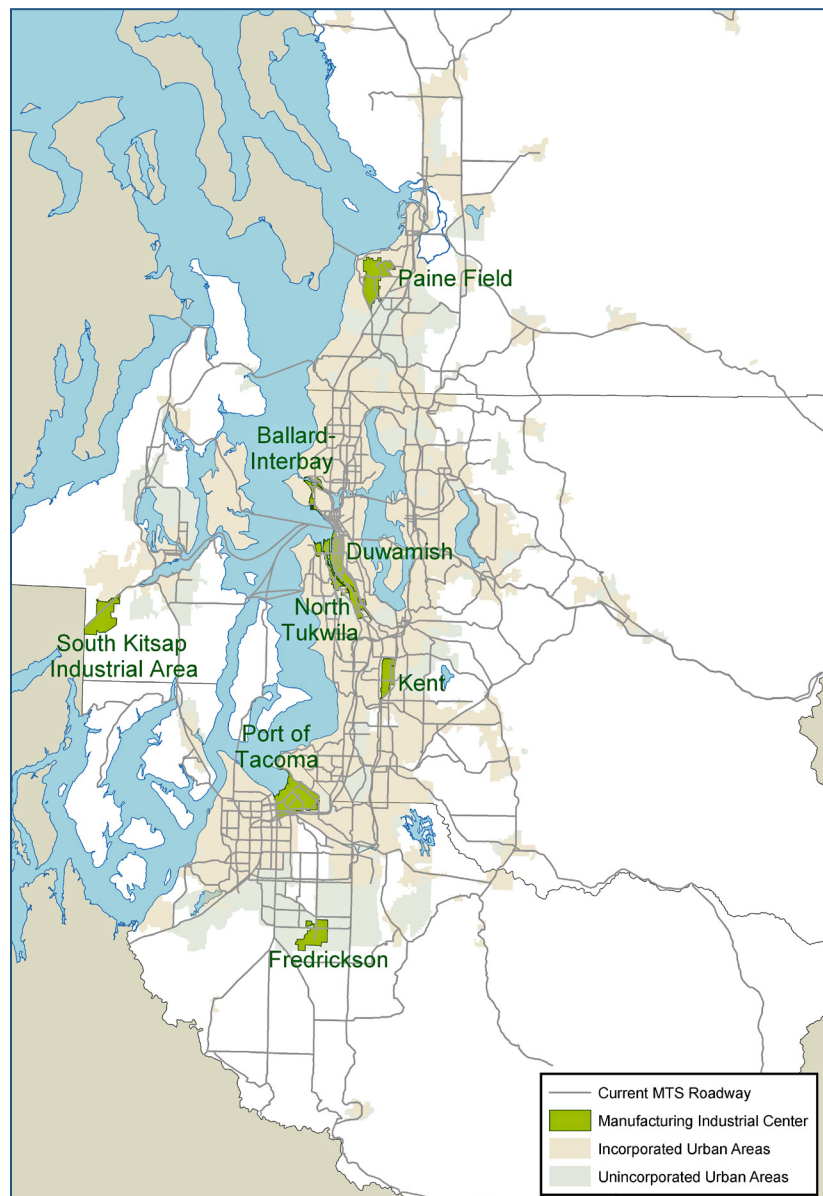
Employment in Manufacturing-Industrial Centers, 2000-2008

Manufacturing-Industrial Centers (MICs) are designated areas in which regional leaders aim to preserve and enhance concentrated manufacturing and industrial activity. To be eligible, the area must meet a set of formal criteria, and the respective city or county commits to discourage incompatible land uses within MIC boundaries, such as housing, retail, and non-related office. Once designated, MICs receive priority for regional infrastructure and economic development funding. To date, eight such centers have been designated (see Figure 1). This article examines employment change in MICs; it parallels a previous *Puget Sound Trends* article on the topic of Regional Growth Centers (October 2009).

Regional employment during this period reflects the impact of the 2001 recession. (Net job loss stopped regionally in 2003, but continued within MICs until 2004. Broad regional impact of the 2008 recession had yet to be felt in March, when this data was collected.) Aerospace manufacturing was among the sectors with dramatic employment declines early in the decade, and also led in terms of subsequent job recovery (see *Puget Sound Trends*, November 2007). MICs accounted for 32% of aerospace job loss from 2000-04, and 64% of job growth from 2004-08; they are now home to the majority of aerospace jobs in the region.

The level of job change across MICs was less pronounced for other industries. In the Warehousing, Transportation and Utilities (WTU) sector, a loss of 4,200 WTU jobs from the Duwamish MIC during the first four years was mostly offset by gains in other MICs during the latter four (regionally, WTU grew by 8%).

Figure 1. Manufacturing-Industrial Centers in the Central Puget Sound Region



Non-aerospace manufacturing in South Kitsap, Fredrickson, Kent, and Paine Field increased substantially, resulting in a smaller decline in this category among MICs as a whole than was the case elsewhere (1.7%, contrasted to 2.7% regionally).

The service sector was responsible for the majority of job growth from 2000-08, although less so in MICs as a whole than elsewhere in the region. The sector grew by more than 30% in all but two MICs; healthcare, software, and corporate offices in particular were a major source of employment in North Tukwila, Ballard-Interbay, and Duwamish. Only in the Port of Tacoma did service jobs decrease, as did employment overall.

In summary, industrial employment remains strong in the region's designated MICs. They have also avoided incompatible retail expansion during the past eight years, but growth in the Services sector may indicate a role for continued monitoring.

Table 1. PSRC Covered Employment Estimates, Manufacturing-Industrial Centers

	Jobs 2000	Jobs 2001	Jobs 2004	Jobs 2008	Change 2001-04	Change 2004-08	Change 2000-08	Annualized Change
Ballard-Interbay	13,700	15,100	14,450	14,500	-4.3%	0.3%	5.8%	0.8%
Duwamish	64,400	63,150	57,250	65,350	-9.3%	14.1%	1.5%	0.2%
Frederickson	1,650	2,150	1,900	3,450	-10.7%	79.9%	106.9%	10.9%
Kent	15,300	14,600	13,750	16,850	-5.8%	22.7%	10.0%	1.4%
North Tukwila	13,450	13,400	12,650	14,750	-5.7%	16.6%	9.6%	1.3%
Paine Field	35,000	36,300	29,150	42,500	-19.6%	45.6%	21.3%	2.8%
Port of Tacoma	14,100	14,250	14,800	12,400	3.6%	-16.2%	-12.3%	-1.9%
South Kitsap Industrial Area	650	650	800	1,000	30.4%	19.5%	53.8%	6.3%
MIC Total	158,300	159,600	144,800	170,700	-9.3%	17.9%	7.8%	1.1%
Elsewhere in Region	1,414,600	1,433,350	1,397,250	1,559,200	-2.5%	11.6%	10.2%	1.4%
Regional Total	1,574,600	1,592,950	1,542,100	1,729,900	-3.2%	12.25%	9.9%	1.4%

Note: Numbers rounded to multiples of 50.

Figure 2. Jobs in MICs

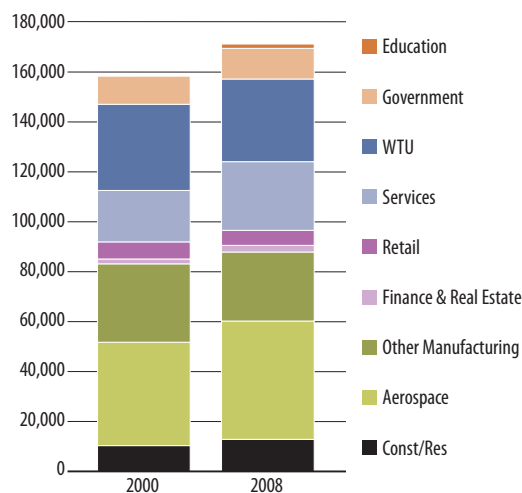
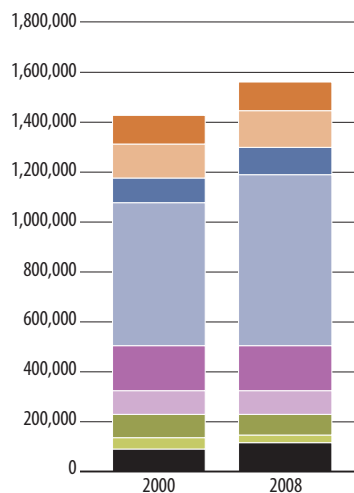


Figure 3. Jobs Elsewhere in the Region



Copies of this *Trend* are available from PSRC's Information Center at 206-464-7532 or info@psrc.org, and for downloading at psrc.org. For questions regarding the data presented in this article, contact Michael Jensen at 206-464-7538 or mjensen@psrc.org. Additionally, the Regional Freight Strategy, a component of Transportation 2040, provides further examination of MICs and their role in the economy, employment, and the regional freight and goods transportation system. The strategy is available at psrc.org under Transportation 2040, Appendix J.

Appendix A. Covered Employment Estimates by Major Sector

	Ballard-Interbay	Duwamish	Frederickson	Kent	North Tukwila	Paine Field	Port of Tacoma	SKIA	Elsewhere in Region	Total
2000 Employment										
Const/Res	1,472	5,570	*	1,210	200	725	580	*	86,214	96,199
Manufacturing	4,705	16,755	1,432	5,516	8,795	30,058	6,088	159	141,858	105,642
FIRE	350	1,357	—	226	*	19	332	*	95,028	97,354
Retail	955	3,789	*	553	*	203	417	*	169,136	147,018
Services	3,524	11,518	30	941	542	1,868	2,333	230	582,265	215,366
WTU	2,323	19,893	*	6,865	925	633	3,732	*	98,342	175,284
Government	390	5,513	—	2	2,763	1,462	638	86	136,163	603,251
Education	—	—	—	—	—	43	—	—	105,599	132,801
Total	13,719	64,395	1,659	15,313	13,458	35,011	14,120	634	1,414,605	1,574,582
2004 Employment										
Const/Res	2,149	4,736	222	1,415	*	513	453	*	84,189	93,884
Manufacturing	4,358	14,184	1,404	4,164	7,460	22,530	5,405	278	102,632	162,415
FIRE	307	1,263	*	197	*	64	599	*	98,674	101,150
Retail	1,051	3,204	*	620	*	531	239	—	162,364	168,264
Services	4,329	13,352	45	1,282	901	2,219	1,616	242	594,298	618,284
WTU	1,913	14,371	200	6,056	1,093	1,621	4,110	125	96,375	125,864
Government	363	5,654	—	2	2,799	1,478	2,353	94	141,487	154,230
Education	—	501	—	—	—	214	—	—	117,253	117,970
Total	14,470	57,265	1,908	13,736	12,647	29,171	14,775	816	1,397,272	1,542,078
2008 Employment										
Const/Res	1,637	7,322	340	1,822	282	875	629	75	108,860	121,842
Manufacturing	4,404	15,445	2,595	5,847	7,379	34,399	4,484	420	114,134	115,204
FIRE	258	1,615	*	266	90	24	172	*	100,498	102,935
Retail	1,150	2,669	*	513	308	271	335	*	180,289	161,136
Services	4,634	15,411	41	1,281	2,887	2,639	1,791	223	686,105	189,107
WTU	1,971	15,696	419	7,043	1,365	2,543	4,086	126	105,882	185,578
Government	465	6,605	—	78	2,434	1,585	890	114	148,966	715,012
Education	—	570	—	—	—	144	—	—	114,490	139,131
Total	14,519	65,333	3,433	16,850	14,744	42,480	12,387	975	1,559,224	1,729,945