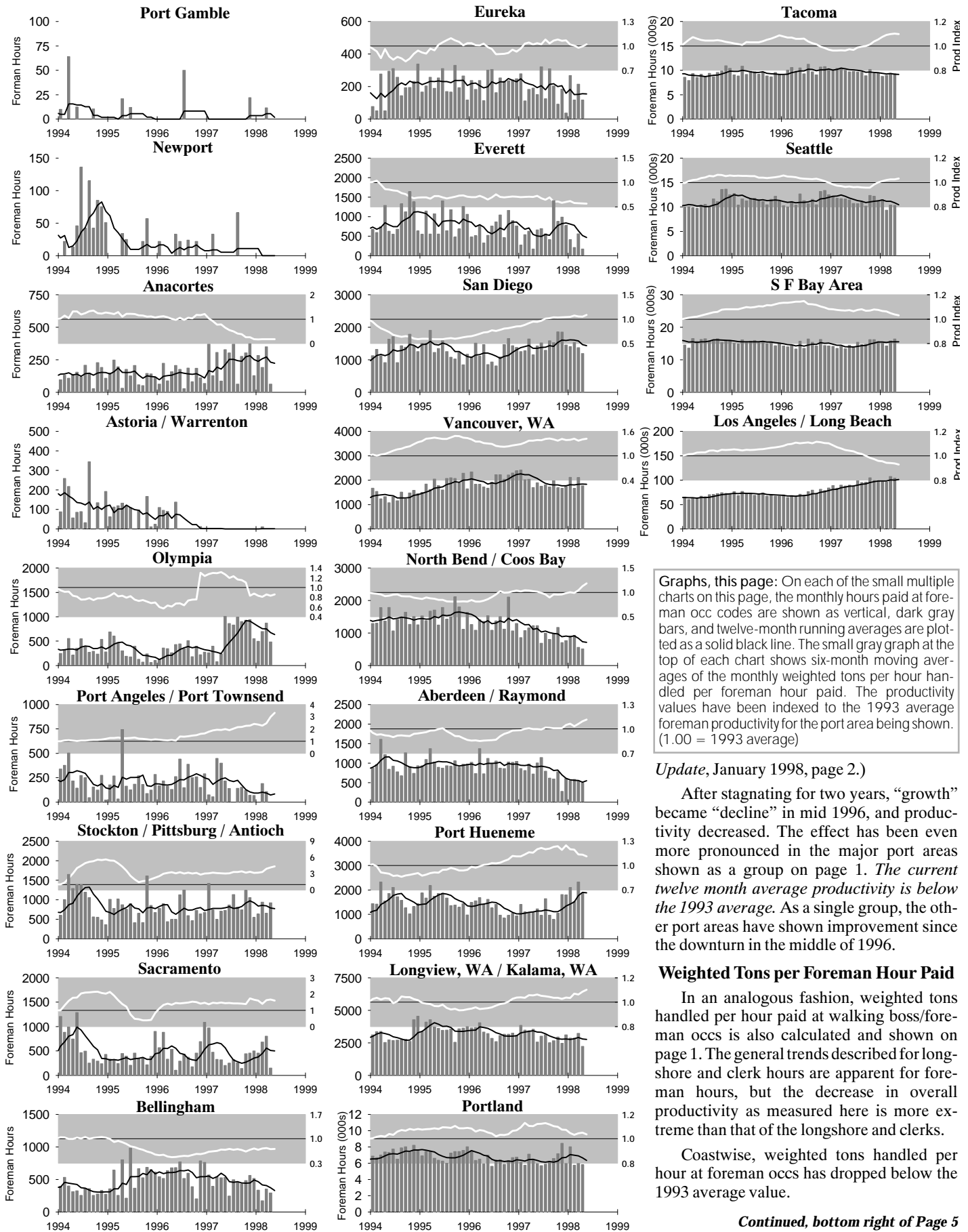


Weighted Tons per Hour Paid: Foreman Occupation Codes



Graphs, this page: On each of the small multiple charts on this page, the monthly hours paid at foreman occ codes are shown as vertical, dark gray bars, and twelve-month running averages are plotted as a solid black line. The small gray graph at the top of each chart shows six-month moving averages of the monthly weighted tons per hour handled per foreman hour paid. The productivity values have been indexed to the 1993 average foreman productivity for the port area being shown. (1.00 = 1993 average)

Update, January 1998, page 2.)

After stagnating for two years, "growth" became "decline" in mid 1996, and productivity decreased. The effect has been even more pronounced in the major port areas shown as a group on page 1. *The current twelve month average productivity is below the 1993 average.* As a single group, the other port areas have shown improvement since the downturn in the middle of 1996.

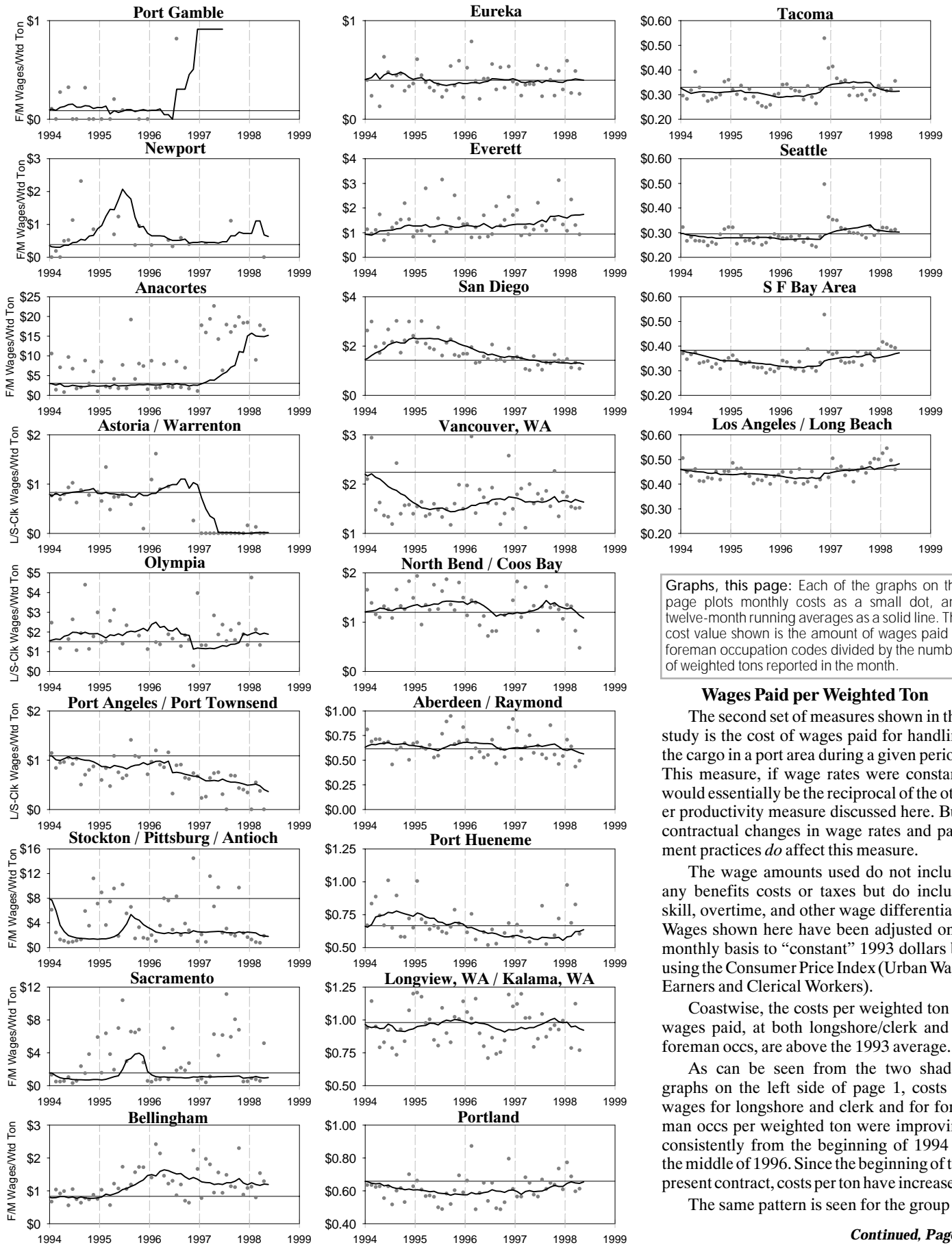
Weighted Tons per Foreman Hour Paid

In an analogous fashion, weighted tons handled per hour paid at walking boss/foreman occs is also calculated and shown on page 1. The general trends described for longshore and clerk hours are apparent for foreman hours, but the decrease in overall productivity as measured here is more extreme than that of the longshore and clerks.

Coastwise, weighted tons handled per hour at foreman occs has dropped below the 1993 average value.

Continued, bottom right of Page 5

Wages Paid per Weighted Ton: Foreman Occupation Codes



Graphs, this page: Each of the graphs on this page plots monthly costs as a small dot, and twelve-month running averages as a solid line. The cost value shown is the amount of wages paid at foreman occupation codes divided by the number of weighted tons reported in the month.

Wages Paid per Weighted Ton

The second set of measures shown in this study is the cost of wages paid for handling the cargo in a port area during a given period. This measure, if wage rates were constant, would essentially be the reciprocal of the other productivity measure discussed here. But, contractual changes in wage rates and payment practices *do* affect this measure.

The wage amounts used do not include any benefits costs or taxes but do include skill, overtime, and other wage differentials. Wages shown here have been adjusted on a monthly basis to “constant” 1993 dollars by using the Consumer Price Index (Urban Wage Earners and Clerical Workers).

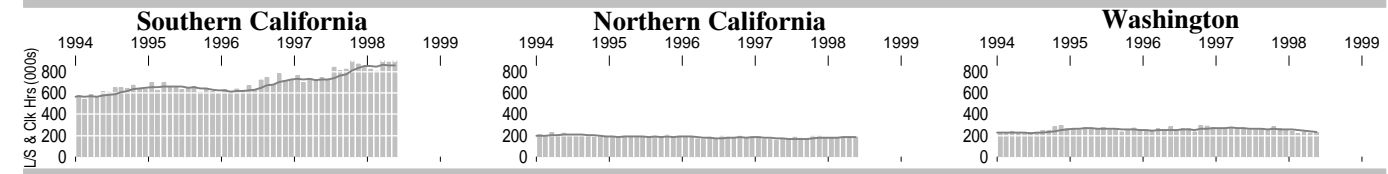
Coastwise, the costs per weighted ton of wages paid, at both longshore/clerk and at foreman occs, are above the 1993 average.

As can be seen from the two shaded graphs on the left side of page 1, costs of wages for longshore and clerk and for foreman occs per weighted ton were improving consistently from the beginning of 1994 to the middle of 1996. Since the beginning of the present contract, costs per ton have increased.

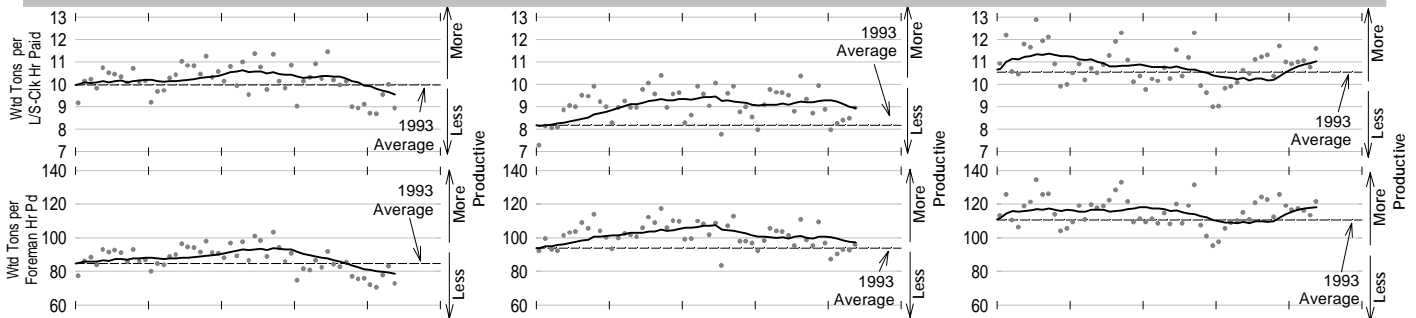
The same pattern is seen for the group of

Continued, Page 6

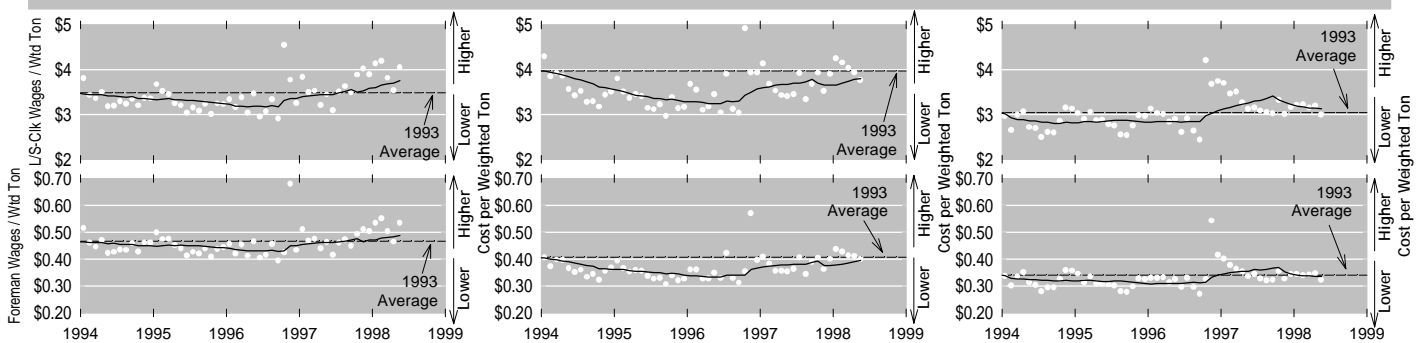
Hours Paid at Longshore and Clerk Occupation Codes



Weighted Tons per Hour Paid: Longshore & Clerk vs. Foreman Occupation Codes



Wage Cost per Weighted Ton: Longshore & Clerk vs. Foreman Occupation Codes



Graphs, this page: The charts shown on this page represent data for all of the port areas in each of the four PMA Administrative Areas. The top graph in each set of five graphs shows longshore and clerk hours paid per month in the Area as vertical bars. Six-month running averages are

plotted as a solid line near the tops of the bars. Graphs are shown for weighted tons per hour paid at longshore and clerk occ codes and for wage costs at longshore and clerk occ codes per weighted ton. A set of these graphs is also shown for hours and wages paid at foreman occ codes.

major port areas. The other port areas, as a group, have not experienced the same rate of increase in longshore and clerk wages per ton as the major ports, but they have seen foreman occupation code wage costs increase significantly since mid 1996.

Productivity Index by Port Area: Weighted Tons per Hour Paid

The charts on pages 2 and 4 include, for each port area, a small graph showing twelve-month running averages of a productivity index, plotted as a solid white line on a gray background. This index has been calculated independently for each port area by dividing each monthly average by the 1993 average for that port area. Thus, a value of 1.00 represents a twelve-month average value exactly equal to the 1993 average weighted tons per hour for that port area.

The indexed values allow easy comparisons of relative changes in weighted tons per hour paid among port areas based on a "standard" measure. *As this index increases above 1.00, productivity is improving above the 1993 level, and conversely, as it decreases toward a value of 0, productivity is declining for the port area.*

The graphs on page 2 show that Seattle and Los Angeles/Long Beach, among the major ports, both have longshore and clerk productivity levels below their respective 1993 averages. Tacoma and the SF Bay Area both currently have productivity index values greater than 1.00, but each is no higher than the peak value reached prior to 1996.

Similar results are seen for foreman productivity, but in this case, Seattle productivity is also currently above the 1993 level.

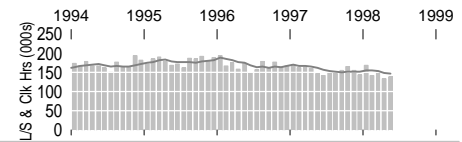
Note that foreman productivity index values are not shown for Port Gamble, Newport, and Astoria. The months when no hours were paid in these ports at foreman occupation codes cause the productivity measure to be meaningless.

Wage Costs per Ton by Port Area

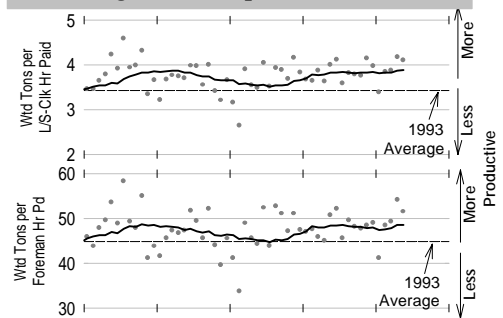
The graphs on page 3, for longshore & clerk occs, and page 5, for foreman occs, show wages paid in 1993 dollars per weighted ton in each port area. Each small dot represents a monthly value, and the solid line plots 12-month running averages. In each case, a horizontal line is shown to represent the 1993 average cost in wages paid per weighted ton.

Hours at Longshore & Clerk Occs

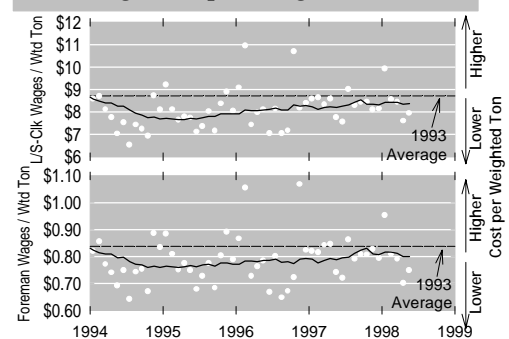
Oregon



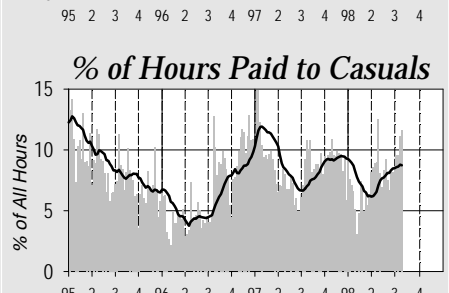
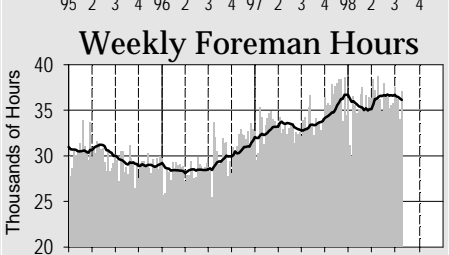
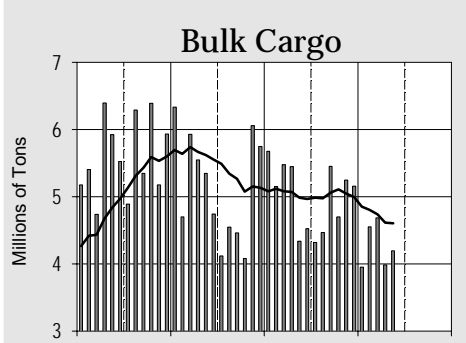
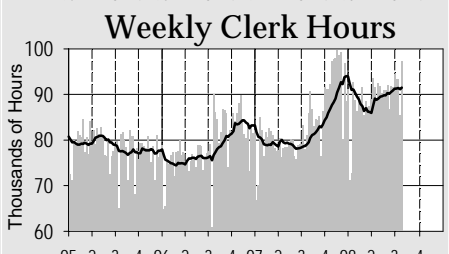
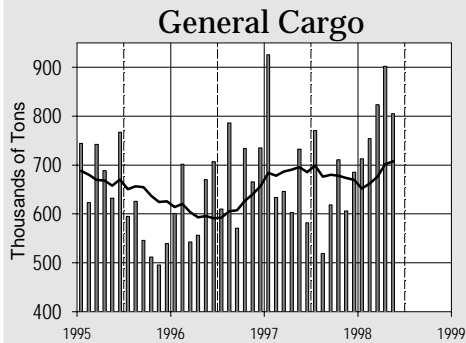
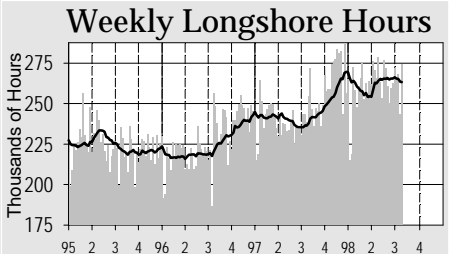
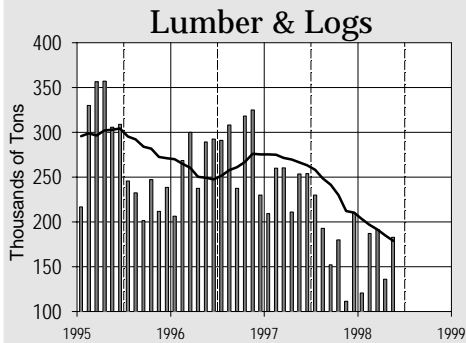
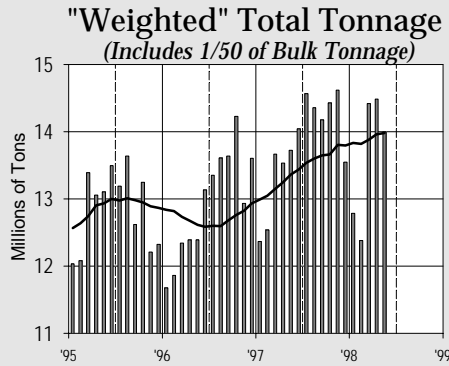
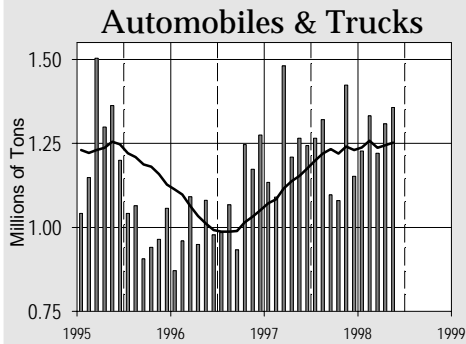
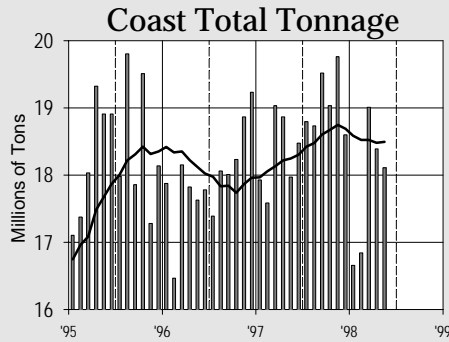
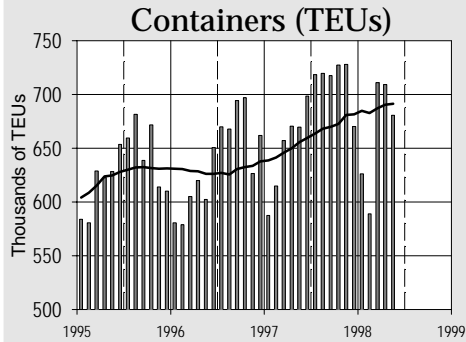
Weighted Tons per Hour Paid



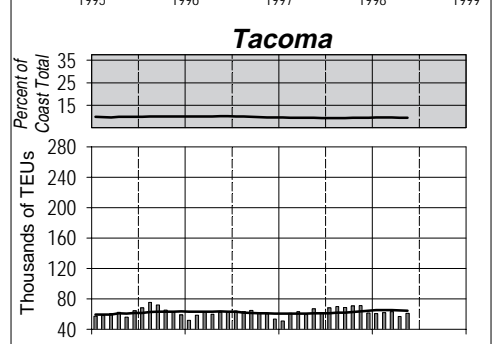
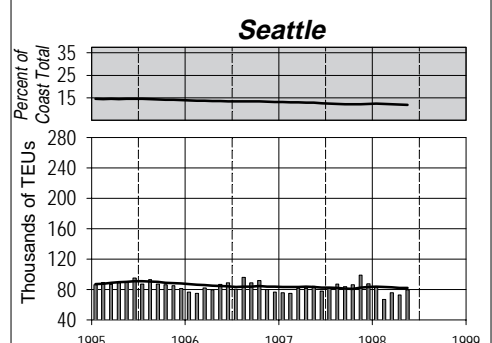
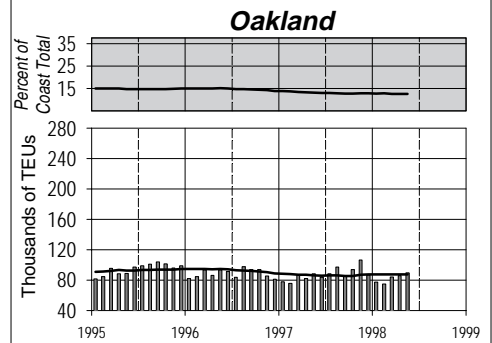
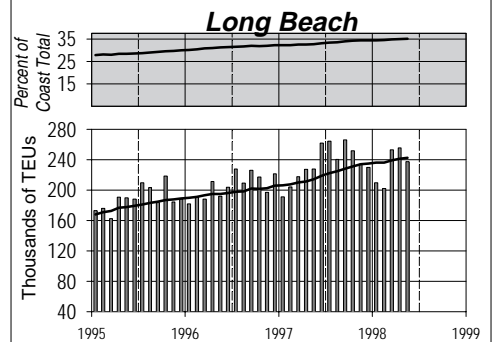
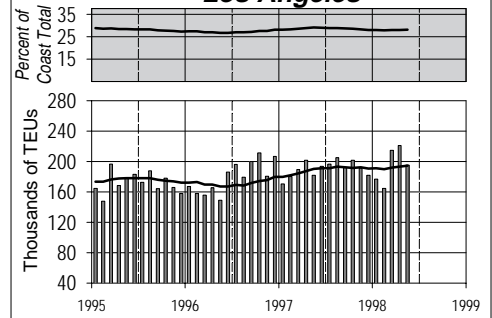
Wage Cost per Weighted Ton



Monthly Tonnage by Reporting Category and Weekly Hours by Occupation Code Type



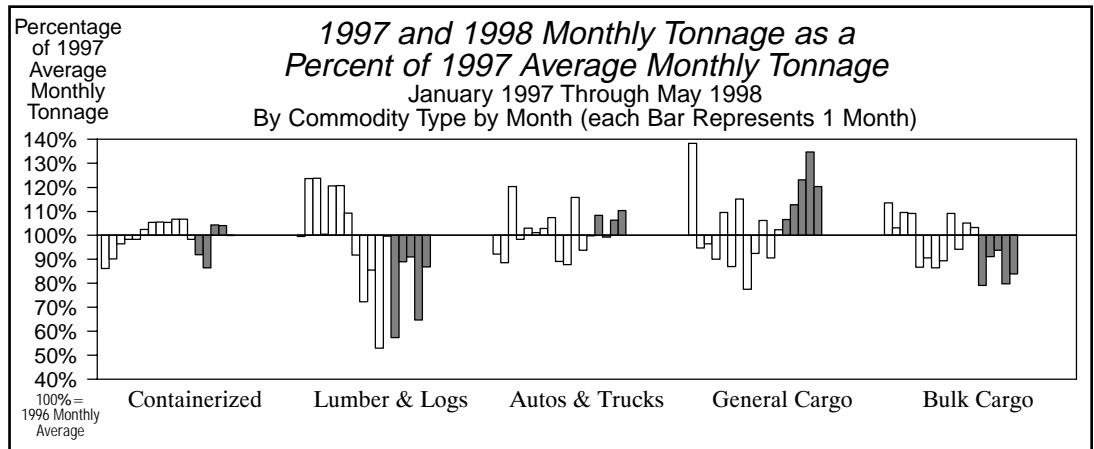
Major Container Ports: Monthly TEUs Reported & Percent of Coast Total TEUs



Shaded graphs show 12-month moving averages of TEUs reported in the port as a % of the coast total. Vertical bars represent TEUs reported in the port each month; lines are 12-month moving averages.

ILWU LOCAL/PORT AREA	REGISTRATION		STATS (For 52 Payroll Weeks)							PORT HOURS (Year-to-date)					TONNAGE BY PORT AREA (For 12 months-to-date & YTD)									
	(At 7/21/98)		(Ending 7/4/98)		Hours Paid:					Hours Paid at					% of Category Coast Total (12 Months-to-Date)					% of 1998 YTD				
	Class	Number	Annual	Wkly	Out of	Other	Cas-	Inac-	P/R Wks	1-28, '98	Occ Codes	Exp.	Con't'r	Lmbr	Autos	Other	Bulk	1998 YTD	% of	1998 YTD				
TOTAL	"B"	Working	Hrs Pd	PGP	Port	Local	uals	tives	Avg. Wkly	% Cst	Clk	Frm	Rates*	RU's	Logs	Trucks	Gen'l	Cargo	TOTAL	1998 YTD	Coast	'98 as a	Cstwise	
NO.	NO.	NO.	HRS	\$	%	%	%	%	HRS	%	%	%	%	%	%	%	%	%	%	TONS	%	%	TONS	
Longshoremen																								
Southern California																								
29 San Diego	55	21	53	1,942	5	12.0	3.5	30.4	1.3	2,713	0.7	9.4	12.1	34.1	0.1	3.1	11.8	0.6	1.4	1.3	1,221,492	1.4	123.5	0
13 Los Angeles/Long Beach	3,515	856	3,475	2,161	< 1	0.2	1.8	10.6	0.6	240,239	60.6	23.4	9.9	25.4	63.2	7.5	34.4	53.2	24.0	50.6	45,924,804	51.6	106.9	64,549
46 Port Hueneme	83	12	81	2,058	3	8.6	5.6	38.5	0.5	6,545	1.7	14.5	6.5	35.4	0.1	< 0.1	10.0	8.1	-	1.1	1,077,268	1.2	130.7	0
Southern California Total	3,653	889	3,609	2,156	< 1	0.5	2.0	11.6	0.6	249,498	63.0	23.1	9.8	25.7	63.4	10.6	56.2	61.9	25.4	52.9	48,223,564	54.2	107.7	64,549
Northern California																								
10 San Francisco Bay Area	989	188	937	1,655	< 1	2.2	2.0	3.7	1.1	46,153	11.6	26.6	7.9	15.7	12.9	< 0.1	7.8	7.3	2.0	9.5	8,340,469	9.4	101.4	96,991
54 Stockton	55	19	54	1,534	71	4.2	7.9	18.0	0.5	2,296	0.6	12.7	7.4	8.5	< 0.1	-	-	2.3	2.4	0.7	504,618	0.6	74.3	0
18 Sacramento	25	6	25	1,502	151	8.6	18.5	18.5	0.0	1,597	0.4	23.0	6.5	13.0	-	0.3	-	2.0	1.3	0.4	408,806	0.5	98.2	0
14 Eureka	31	0	31	832	388	43.0	2.2	4.5	0.0	373	0.1	13.2	10.8	5.5	-	0.9	-	2.2	0.6	0.2	226,036	0.3	85.7	10,477
Northern California Total	1,100	213	1,047	1,621	19	3.1	2.9	5.1	1.0	50,419	12.7	25.7	7.8	15.2	12.9	1.2	7.8	13.7	6.3	10.8	9,479,929	10.6	98.9	107,468
Oregon																								
12 North Bend/Coos Bay	96	19	94	1,371	122	29.5	7.3	3.1	1.0	1,964	0.5	10.4	8.1	1.2	< 0.1	8.5	-	1.0	5.7	1.5	1,276,444	1.4	76.5	12,353
53 Newport	8	0	8	517	481	72.3	36.9	1.5	3.1	28	0.0	0.0	0.0	0.0	-	0.2	-	-	-	< 0.1	1,873	0.0	62.6	0
50 Astoria	50	0	50	507	499	79.2	0.0	2.1	2.5	123	0.0	0.4	0.4	2.6	-	1.7	-	< 0.1	-	< 0.1	16,693	0.0	116.9	0
8 Portland	470	75	459	1,748	15	3.5	9.2	2.8	1.5	20,291	5.1	14.8	7.3	3.1	2.5	4.2	16.9	3.7	21.1	8.2	7,278,022	8.2	98.2	13,491
4 Vancouver, WA	153	46	152	1,711	12	12.9	10.9	4.7	1.8	6,375	1.6	15.1	6.6	13.2	< 0.1	1.1	3.3	3.9	7.9	2.4	2,065,082	2.3	78.4	0
21 Longview, WA	197	22	194	1,810	23	13.9	4.0	4.1	1.2	7,567	1.9	9.1	8.1	4.9	-	30.1	-	6.1	14.8	4.2	3,686,827	4.1	72.0	33,604
Oregon Total	974	162	957	1,643	56	10.9	8.2	3.4	1.5	36,348	9.2	13.4	7.4	5.2	2.5	45.8	20.2	14.6	49.6	16.3	14,324,941	16.1	85.0	59,448
Washington																								
24 Aberdeen	71	0	71	1,407	169	24.6	8.6	4.8	0.5	1,744	0.4	6.7	6.9	0.7	< 0.1	15.9	-	0.8	-	0.2	144,090	0.2	60.0	126,384
27 Port Angeles	56	0	56	795	487	70.1	3.5	1.3	0.0	301	0.1	8.2	7.2	0.0	-	2.3	-	-	0.3	0.1	94,337	0.1	65.0	41,818
51 Port Gamble	13	0	12	432	679	83.8	4.5	0.0	0.0	18	0.0	0.0	2.3	0.0	-	-	-	-	-	-	0	0.0	-	0
47 Olympia	30	8	30	1,259	114	3.8	18.9	24.2	0.0	1,021	0.3	15.0	15.8	22.8	0.1	1.8	< 0.1	0.1	-	0.1	61,453	0.1	153.4	0
23 Tacoma	476	89	471	1,744	< 1	1.0	6.6	10.2	0.2	23,769	6.0	22.8	9.2	4.0	9.3	16.3	11.2	3.5	10.3	9.5	8,219,456	9.2	85.3	0
19 Seattle	586	146	573	1,798	< 1	2.1	5.9	8.5	0.5	30,775	7.8	26.5	7.9	8.2	11.8	0.5	4.7	3.3	5.5	9.3	7,829,899	8.8	84.6	49,173
32 Everett	55	0	53	1,316	172	11.8	15.4	5.3	0.2	1,444	0.4	5.1	8.0	3.5	< 0.1	5.6	-	0.3	0.6	0.2	192,592	0.2	89.1	3,924
25 Anacortes	13	0	13	1,097	236	28.1	3.9	0.1	0.0	258	0.1	10.5	22.6	0.2	-	0.1	-	-	0.6	0.2	135,496	0.2	98.0	0
7 Bellingham	37	5	37	1,129	188	26.1	10.1	5.4	0.0	682	0.2	10.9	10.4	4.6	-	-	-	1.7	1.4	0.4	310,068	0.3	60.5	0
Washington Total	1,337	248	1,316	1,645	54	5.3	6.9	9.1	0.4	60,012	15.1	23.4	8.6	6.3	21.2	42.4	15.9	9.8	18.7	20.0	16,987,391	19.1	84.1	221,299
Total/Average	7,064	1,512	6,929	1,907	21	2.9	3.6	9.5	0.7	396,277	100.0	22.6	9.1	19.5	100.0	100.0	100.0	100.0	100.0	100.0	89,015,825	100.0	97.4	452,764
% Change from Update of 7/97	+5.6	+12.8	+5.8	+4.2	+31.3	-0.4	-0.7	-1.2	-0.2	+9.0	+0.8	-0.1	+4.1		5.4%	-32.8%	8.6%	1.7%	-7.7%	1.4%			-9.5%	

Clerks												
29 San Diego	5	0	5	2,110	2	21.0	31.7	9.8	0.0			
46 Port Hueneme	12	0	12	2,249	-	2.6	34.5	9.8	0.0			
63 Los Angeles/Long Beach	920	2	890	2,573	< 1	0.1	10.8	12.2	0.6			
14 Eureka	3	0	3	***	***	20.0	35.3	0.0	0.0			
34 SF Bay Area & Delta	272	9	264	2,335	2	3.0	7.5	1.8	1.0			
40 Portland	98	0	95	2,424	1	33.0	8.5	1.3	0.9			
23 Tacoma	71	0	71	2,577	-	0.1	37.1	2.2	0.8			
52 Seattle	181	0	180	2,524	< 1	14.0	12.1	2.7	1.1			
Total/Average	1,562	11	1,520	2,509	1	4.3	12.2	8.5	0.7			
Foremen/Walking Bosses												
29 San Diego	2	0	2	***	***	0.2	69.1	1.2	2.5			
46 Port Hueneme	5	-	5	2,246	14	0.2	41.0	0.4	0.0			
94 Los Angeles/Long Beach	348	-	344	3,476	< 1	0.2	5.5	0.0	0.9			
91 Northern Calif. Area	73	-	72	2,482	26	0.5	11.9	0.0	2.6			
92 Portland	49	-	48	2,517	14	10.5	12.7	0.0	3.5			
98 Seattle	97	-	97	2,609	6	9.9	12.5	0.0	0.5			
Total/Average	574		568	3,107	6	2.3	8.8	0.0	1.2			



* Longshore and Clerk hours only. *** "Annual Hrs Pd" and "Wkly PGP" for groups of less than five individuals are not shown, but the data are included in category averages.