

The charts shown above provide a graphical view of the hours paid in each of the five major ports on the U.S. West Coast for each payroll quarter since the beginning of 1983. The hours are distributed among the charts by the day of the week on which they were paid.

For example, the top row of charts shows the hours paid in the ports of Los Angeles and Long Beach each quarter through the first payroll quarter of this year. The set of bars on the left, labeled Saturday, represent the portion of all hours paid each quarter on Saturdays. The next set to the right is the portion of hours paid on Sundays, etc.

Each quarter is represented by a gray bar, and each set of four quarters is the same

shade of gray—1983 in dark gray, 1984 in light gray, 1985 in dark gray, etc. Along the top of each set of bars is a solid line which plots four-quarter running averages.

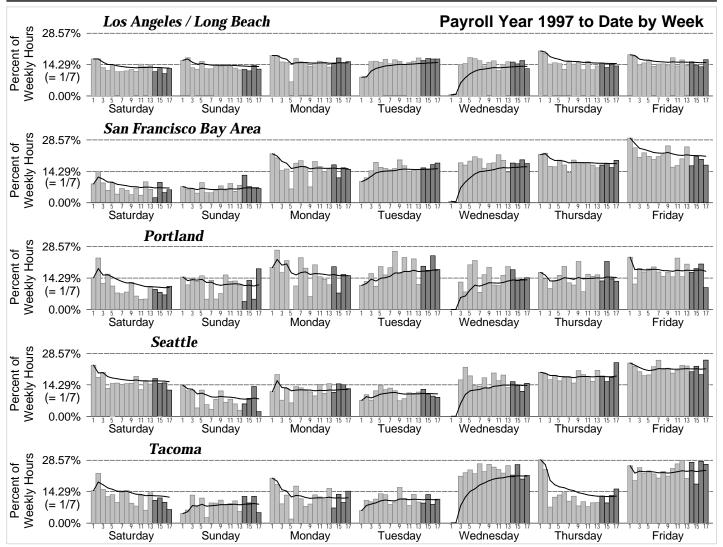
The pattern exhibited by Los Angeles/Long Beach in the most recent quarters is quite different from that seen in 1988, for example. In that year, Monday through Wednesday was very busy each week, and the other days were significantly less busy. In the most recent few quarters, the distribution as leveled out among the days of the week, so that the percentage of hours paid on each of the seven days of the week is about the same.

This recent pattern is a sharp contrast to that of the San Francisco Bay Area and

Tacoma. The San Francisco Bay Area currently pays more than 21% of total hours on Fridays, and less than 7% on Saturday and Sunday.

Tacoma continues to show the most decidedly uneven distribution of hours. More than 23% of the hours paid in Tacoma are now being paid on Fridays, and 22% on Wednesdays. This extreme concentration of hours on Friday has been diluted somewhat over the past two years from the peak at 28.3% in 1993.

Seattle also pays most of its hours on Fridays, but Wednesdays, Thursdays, and Saturdays are also busier than the other days.



Payroll Year 1997 to Date

The graphs above show hours payments in the first 17 weeks of the present payroll year. The hours paid on each day in the port area are represented as a vertical bar whose height is equivalent to the percentage they comprise of the total hours paid that week.

The first two Wednesdays (Christmas Day and New Years Day) of the 1997 payroll year were "no work" holidays, the value is essentially zero for these days.

The bars shaded in light gray represent

CONSUMER PRICE INDEX U.S. CITY AVERAGE - ALL ITEMS (1982-84 = 100) Urban Wage Earners & Clerical Workers												
Month 1995 1996 1997 12												
JAN FEB MAR APR JUN JUN AUG SEP OCT NOV DEC	147.8 148.3 148.7 149.3 149.6 149.9 150.2 150.6 151.0 150.9 150.9	151.7 152.2 152.9 153.6 154.0 154.1 154.3 154.5 155.1 155.5 155.9 155.9		3.03% 3.02 2.68 2.88 2.94 2.80 2.94 2.86 2.99 2.98 3.31 3.31								

weeks in the first payroll quarter, and the darker bars are the four weeks of the second payroll quarter. The solid lines in these graphs represent what might be called "accumulative averages" of the data. For each week, the value plotted by the line is the average of the weeks in the year to date. This curve levels out to a nearly "flat" line as the number of weeks increases.

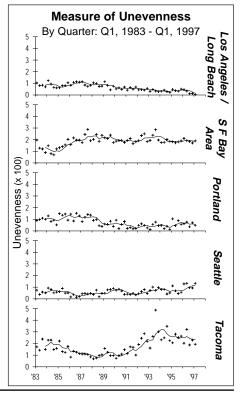
As with the long term graphs on page 1, the charts for the port area of Los Angeles and Long Beach is consistently even across all days of the week. Similarly, Fridays and Wednesdays are much busier in Tacoma than are the other five days of each week.

Measure of Unevenness

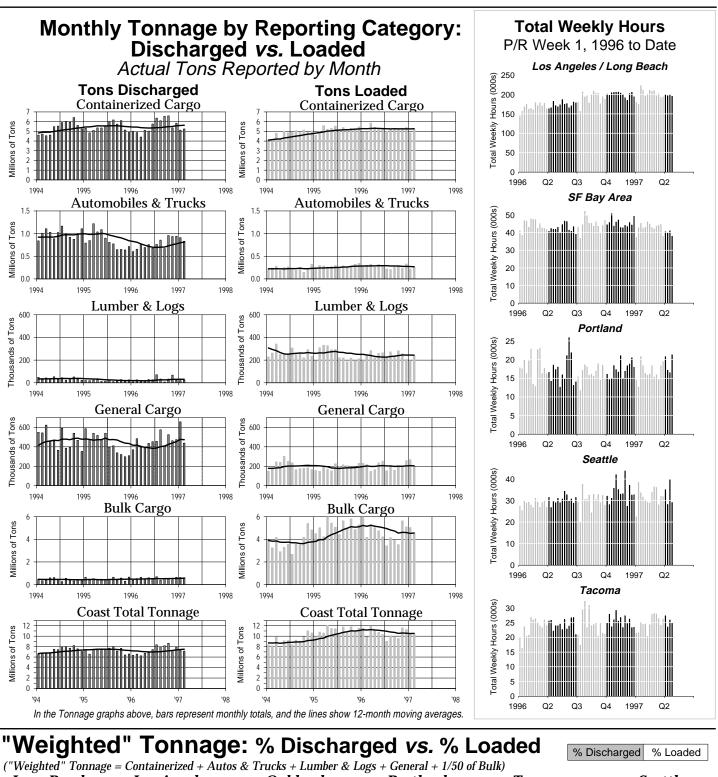
The five graphs to the right show by quarter since 1983 for each port a calculated value that would be zero if each day of the week had the same percentage of weekly hours. The higher the value above zero, the more uneven is the distribution.

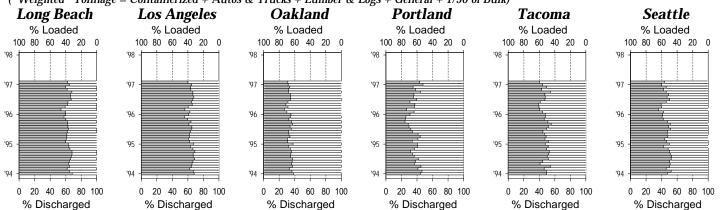
From these graphs, it is easy to see at a glance that since 1993 Tacoma has had the most uneven distribution of work. Los Angeles/Long Beach is approaching an even distribution of hours across the week, Seat-

tle is becoming more uneven, and work in the Bay Area is consistently uneven.



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REGISTRATION STATS (For 52 Payroll Weeks) POR					PORT H	ORT HOURS (Year-to-date) TONNAGE BY PORT AREA (For12 months-to-date & YTD)											& YTD)							
	(At 4/21/97)		(Ending 3/29/97))		Hours Paid:					Hours Paid at			% of Category Coast Total (12 Mon				12 Mont	hs-to-Da	ate)	% of 1997 YTD		
			Number	Annual		Out of	Other	Cas-	Inac-	P/R Wks 1-	14, '97	Occ C	odes	Exp.	Cont'r	Lmbr	Autos	Other	Bulk		1997 YTD	Coast	'97 as a	Cstwise
ILWU LOCAL/PORT AREA	TOTA		Working	Hrs Pd	PGP		Local	uals	tives		% Cst	Clk	Frm	Rates*				Gen'l			(February)		<u>% of '9</u> 6	Loaded
Longshoremen	NC	D. NO.	NO.	HRS	\$	%	%	%	%	HRS	%	%	%	%	%	%	%	%	%	%	TONS	%	%	TONS
Southern California																								
29 San Diego	55	13	54	1,331	11	4.2	6.8	32.6	0.8	2,750	0.7	11.2		28.7	0.1	2.0	4.4	1.1	1.2	0.7	353,962	1.0	148.9	0
13 Los Angeles/Long Beach	3,109	641	3,069	1,992	< 1	0.3	1.7	10.6	0.8	200,490	54.6		10.1	21.1	60.7	3.6	39.2	53.5	23.3	47.7	16,410,586	46.2	104.6	24,146
46 Port Hueneme	85	11	84	1,902	2	11.8	5.4	23.9	0.0	4,387	1.2	13.9	6.2	23.2	< 0.1	< 0.1	8.3	8.5	-	0.8	258,658	0.7	94.1	0
Southern California Total	3,249	665	3,207	1,979	< 1	0.7	1.9	11.2	0.8	207,628	56.5	22.6	10.0	21.2	60.8	5.6	52.0	63.2	24.5	49.2	17,023,206	47.9	105.0	24,146
Northern California																								
10 San Francisco Bay Area	899	110	843	1,630	2	1.1	1.0	3.8	3.1	40,847	11.1	27.0	8.0	7.9	13.8	0.1	12.7	6.6	1.7	9.8	3,163,249	8.9	92.5	43,827
54 Stockton	48	6	47	1,841	68	0.4	7.7	23.6	4.4	3,385	0.9	9.6	6.4	15.5	-	-	-	1.4	2.3	0.7	295,909	0.8	107.7	0
18 Sacramento	29	15	28	1,505	161	5.0	13.6	27.7	0.7	2,479	0.7	21.5	6.0	21.7	< 0.1	0.6	-	2.2	1.3	0.4	163,261	0.5	81.8	0
14 Eureka	31	1	31	1,046	263	38.9	2.3	6.2	5.6	462	0.1		10.6	9.4		1.2		2.9	0.5	0.3	107,859	0.3	122.7	0
Northern California Total	1,007	132	949	1,617	18	2.0	2.0	6.3	3.1	47,173	12.8	25.3	7.8	9.2	13.8	1.9	12.7	13.0	5.7	11.2	3,730,278	10.5	93.7	43,827
Oregon																								
12 North Bend/Coos Bay	102	14	99	1,543	36	14.4	19.9	9.5	2.6	3,348	0.9	8.3	7.2	5.7	< 0.1	10.6	< 0.1	1.1	5.4	1.7	520,583	1.5	105.6	0
53 Newport	8	0	8	938	338	77.7	46.1	3.2	0.0	60	0.0	8.8	4.5	0.0	-	0.4	-	-	-	< 0.1	2,993	0.0	137.6	0
50 Astoria	55	0	55	709		84.2	1.0	3.8	4.8	80	0.0	0.0	0.0	1.5	-	0.6	-	-	-	< 0.1	7,326	0.0	122.9	0
8 Portland	470 162	102 57	461	1,754 1,765	6 3	4.6	6.9 11.4	3.5	1.4	21,023 7,966	5.7	14.2	7.1	4.6 20.7	3.0 < 0.1	2.9 3.0	18.4	2.8 4.2	19.0	8.4 2.4	3,152,349	8.9	104.3 118.0	2,473 0
4 Vancouver, WA 21 Longview, WA	207	34	162 202	1,910	9	8.8 11.9	6.4	8.3 5.9	1.0 3.2	9,725	2.2 2.6	14.1 9.1	6.1 8.7	20.7 6.9	< 0.1	26.4	1.3	4.2 5.2	7.5 15.6	2.4 5.0	1,145,084 2,074,455	3.2 5.8	90.8	10,972
0				1,910 1,702	32		9.0			42,202		12.5	7.2	8.3	3.0	43.8	19.8	13.3	47.4	17.6	6,902,790			13,445
Oregon Total	1,004	207	987	1,702	32	10.1	9.0	5.6	1.9	42,202	11.5	12.5	1.2	0.3	5.0	43.0	19.0	13.5	47.4	17.0	0,902,790	19.4	101.8	15,445
Washington	07	0	0.4	4 4 4 0	00	47.0	40 5	7.0	0.0	0.004		4 5	7.0			47.0		0.0		0.0	00 400		444.0	40.070
24 Aberdeen	87	0	84	1,449	93	17.9	16.5	7.9	0.9	3,084	0.8	4.5	7.6	1.4	-	17.3	-	0.9	-	0.3	96,498	0.3	114.2	19,079
27 Port Angeles	57 13	0 0	57 13	1,163 776	294 482	54.2 89.2	6.3 23.4	3.3 0.0	0.0 0.0	556 17	0.2	8.1 0.0	7.3 0.0	0.6 0.0	-	3.6	-	- < 0.1	0.4	0.2 < 0.1	30,924 0	0.1 0.0	39.5	14,440 0
51 Port Gamble 47 Olympia	22	0	22	957	402 330	09.2 22.4	23.4 38.9	0.0 9.3	0.0	589	0.0 0.2		10.0	0.0 7.8	-	3.6	-	< 0.1	-	< 0.1 0.1	17,951	0.0	224.4	0
23 Tacoma	441	75	438	1,984		0.7	4.7	17.2	1.0	28,006	7.6	19.5	8.6	7.7	9.4	17.4	10.7	2.8	13.0	10.4	3,877,694	10.9	115.2	0
19 Seattle	575	143	568	1,873	< 1	2.8	4.1	12.2	0.5	34,736	9.5	26.1	8.1	15.2	13.0	0.5	4.9	4.2	6.5	10.1	3,515,504	9.9	100.2	28,101
32 Everett	67	0	65	1,439	140	20.6	10.2	7.7	0.9	1,553	0.4	6.4	7.7	2.4	< 0.1	5.8	-	0.2	0.6	0.3	87,743	0.2	115.2	5,189
25 Anacortes	13	0	13	1,293	184	45.2	35.5	2.9	0.0	322	0.1		19.4	-0.1	-	0.5	-	-	0.4	0.1	55,851	0.2	99.7	0
7 Bellingham	32	4	32	1,584	62	11.1	19.3	12.4	0.0	1,486	0.4	7.6	9.0	12.2	< 0.1	-	-	2.5	1.5	0.5	177,287	0.5	88.3	0
Washington Total	1,307	222	1,292	1,790	40	6.0	6.2	13.6	0.7	70,348	19.2	21.3	8.4	11.0	22.4	48.7	15.6	10.6	22.5	22.0	7,859,452	22.1	106.5	66,809
Total/Average	6,567	1,226	6,435	1,845	16	3.2	3.7	10.3	1.2	367,352	100.0	21.6	9.1	16.2	100.0	100.0	100.0	100.0	100.0	100.0	35,515,726	100.0	103.4	148,227
% Change from Update of 4/96	+0.5	+4.2	+0.9	+1.7	+14.3	-0.4	-0.3	+1.5	+0.6	+9.6		-0.9	+0.7	+5.9			-1.3%	9.3%		-1.5%	,,			81.5%
Clerks																								
29 San Diego	4	0	4	***	***	24.6	39.8	9.6	13.0	Percenta				199	96 an	d 19	997	Mont	thlv	Tonna	age as a			
46 Port Hueneme	12	Õ	12	2,220	-	5.0	30.7	3.2	0.0	of 1996				Dorco	nt of	100	λ 6 Δι	<i>i</i> era(່າວ໌ໄ	Innth	ly Tonnag	nρ		
63 Los Angeles/Long Beach	770	2	760	2,613	< 1		10.6	8.8	0.8	Average Monthly			'	0100						oruary		<i>j</i> C		
14 Eureka	3	0	3	***	***	18.8	30.0	0.0	7.3	Tonnage			By	Comm	odity Ti	/ne h	v Mor	nth (ea	ach B	ar Ren	resents 1 M	lonth)		
34 SF Bay Area & Delta	269	5	263	2,285	3	3.1	5.4	1.4	2.7	140% ¬			Dy	Comm	ounty 1	pc b	y wor							
40 Portland	108	0	106	2,294	1	36.1	7.0	1.6	2.2	130% -														
23 Tacoma	58	0	56	2,643	-	0.0	43.2	4.2	1.8													_		
52 Seattle	164	2	163	2,673	< 1		13.9	5.7	1.2	120% -					П			пΠ			п		п	
Total/Average	1,388	9	1,367	2,525	1	5.3	12.5	6.4	1.4	110% -		-11		п П				IHL		_		ΠЦ	lh.	
Foremen/Walking Bosses						100% -	п	Π		$\ln \Omega_{-}$			Пп.											
29 San Diego	2	-	2	***	***	0.4	70.7	0.7	0.2		ШНЛ			1111			ШПП]]]						
46 Port Hueneme	6	-	6	1,958	51		17.5	0.0	0.0	90% -							IL n	Ц			Ц		1441	
94 Los Angeles/Long Beach	305	-	302	3,002	-		7.5	0.0	1.8	80% -					1		Ц			L-			ЦЦ	
91 Northern Calif. Area	73	-	72	2,413	31	0.3	7.8	0.0	2.9	70%				<u>ц</u>										
92 Portland	53	-	52	2,553			13.1	0.0	6.8	100%=	Con	taineri	zed	Lum	ber & L	005	Δ 114	os & T	rucke	G	eneral Cargo		Bulk Ca	
98 Seattle	96	-	95	2,673	6	10.3	15.6	0.0	0.8	1996 Monthly	Con	ameri	Leu	Lum		ngs	Au	.05 & I	TUCKS	G	eneral Cargo		Duik Ca	igo
Total/Average	535		529	2,804	7	3.0	10.3	0.0	2.2	Average														
* Longshore and Clerk hours only. *** "Ann	ual Hre Dd	" and "M/	dy PCP" for	around of	loss that	, fivo indi		vro not ob	own but															

* 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.

UPDATE - Compiled by PMA Research