

APPENDIX Q

***Detail – Financial Analysis, Hybrid
Design Concept***, Cambridge
Systematics, Inc., June 2004

Truck Survey Results

	POLB	POLA	Both Ports Combined
No. of Valid Surveys	1,827	1,443	3,270
INBOUND TRIP RESPONSES			
Truck Type			
Percent bobtail	26.0%	18.8%	22.8%
Percent chassis	6.0%	7.0%	6.4%
Percent container	67.5%	74.0%	70.4%
Percent other	0.5%	0.2%	0.4%
Truck Type - Total	100.0%	100.0%	100.0%
Origin:			
ICTF	9.9%	18.7%	13.8%
Hobart Yard	13.6%	12.5%	13.2%
ELA Yard	24.9%	22.1%	23.7%
All Off-Dock Rail	48.4%	53.3%	50.7%
Plant/warehouse	33.2%	35.9%	34.4%
Marine Terminal	18.3%	10.8%	15.0%
Origin - Total	99.9%	100.0%	100.1%
OUTBOUND TRIP RESPONSES			
Truck Type			
Percent bobtail	40.5%	40.9%	40.7%
Percent chassis	4.2%	5.3%	4.7%
Percent container	54.7%	53.8%	54.3%
Percent other	0.6%	0.0%	0.3%
Trip Type - Total	100.0%	100.0%	100.0%
Destination			
ICTF	11.3%	22.8%	16.3%
Hobart Yard	9.1%	8.6%	8.9%
ELA Yard	17.2%	14.2%	15.9%
All Off-Dock Rail	37.6%	45.6%	41.1%
Plant/warehouse	39.7%	37.7%	38.8%
Marine Terminal	22.7%	16.7%	20.1%
Destination - Total	100.0%	100.0%	100.0%

Source: Pg. 41 of Port of Long Beach Transportation Study

Year 2000 Truck Traffic By Port, Directionality, Trip End, & Truck Type

Port of Long Beach ¹	Split by Trip End	Split by Truck Type	Empty/ Loaded Split	All Categories
Inbound (Export)²	100%			
On-dock rail	5.0%			0.495%
Off-dock rail	46.0%			
Bobtail		26.0%		1.184%
Chassis		6.0%		0.273%
Container		67.5%		
>Full Container			62%	1.905%
>Empty Container			38%	1.168%
Inter-terminal	17.4%			
Bobtail		26.0%		0.448%
Chassis		6.0%		0.103%
Container		67.5%		
Full Container			44%	0.511%
Empty Container			56%	0.651%
Other inland location	31.6%			
Bobtail		26.0%		0.812%
Chassis		6.0%		0.187%
Container		67.5%		
Full Container			44%	0.928%
Empty Container			56%	1.181%
Outbound (Import)	100%			
On-dock rail	10.0%			3.406%
Off-dock rail	34.0%			
Bobtail		40.5%		4.689%
Chassis		4.2%		0.486%
Container		54.7%		
Full Container			95%	6.017%
Empty Container			5%	0.317%
Inter-terminal	20.5%			
Bobtail		40.5%		2.831%
Chassis		4.2%		0.294%
Container		54.7%		
Full Container			48%	1.835%
Empty Container			52%	1.988%
Other inland location	35.9%			
Bobtail		40.5%		4.951%
Chassis		4.2%		0.513%
Container		54.7%		
Full Container			48%	3.210%
Empty Container			52%	3.477%

1. Split for Port of Long Beach only is 44 percent (Port of Los Angeles accounts for the remaining 56 percent).

2. Split for the Port of Long Beach by inbound (export) direction only is 23 percent

3. Split for the Port of Long Beach by outbound direction (import) only is 77 percent

Year 2000 Truck Traffic By Port, Directionality, Trip End, & Truck Type (Continued)

Port of Los Angeles ¹	Empty/ Loaded Split	All Categories	Empty/ Loaded Split	All Categories
Inbound (Export)²	100%			
On-dock rail	5%			0.598%
Off-dock rail	50.5%			
Bobtail		18.8%		1.135%
Chassis		7.0%		0.423%
Container		74.0%		
Full Container			62%	2.770%
Empty Container			38%	1.698%
Inter-terminal	10.2%			
Bobtail		18.8%		0.230%
Chassis		7.0%		0.086%
Container		74.0%		
Full Container			44%	0.398%
Empty Container			56%	0.507%
Other inland location	34.3%			
Bobtail		18.8%		0.770%
Chassis		7.0%		0.287%
Container		74.0%		
Full Container			44%	1.334%
Empty Container			56%	1.697%
Outbound (Import)³	100%			
On-dock rail	10%			4.409%
Off-dock rail	41%			
Bobtail		40.9%		7.394%
Chassis		5.3%		0.958%
Container		53.8%		
Full Container			95%	9.239%
Empty Container			5%	0.486%
Inter-terminal	15.0%			
Bobtail		40.9%		2.708%
Chassis		5.3%		0.351%
Container		53.8%		
Full Container			48%	1.710%
Empty Container			52%	1.852%
Other inland location	33.9%			
Bobtail		40.9%		6.113%
Chassis		5.3%		0.792%
Container		53.8%		
Full Container			48%	3.860%
Empty Container			52%	4.181%

Source: Port Trans Study MARAD Website for 2002, PIERS data, Port Transportation Study, and ECM Spreadsheet.

Note this worksheet combines the Port survey with other data to get all non-bulk moves in and out of port.

1. Split for Port of Los Angeles trip-end only is 56 percent
2. Split for the Port of Los Angeles by inbound (export) direction only is 21 percent
3. Split for the Port of Los Angeles by outbound direction (import) only is 79 percent

Total Annual Revenue Generation by All Categories of Container Movements (Nominal Dollars)

Year	Total Number of Vehicles	Total Movements	Total Revenue Generation
2000	5,430,888	8,783,868	-
2001	5,740,449	9,153,690	-
2002	6,067,654	9,540,977	-
2003	6,413,511	9,946,571	-
2004	6,779,081	10,371,357	-
2005	7,165,488	10,816,261	\$51,439,508
2006	7,573,921	11,282,259	\$53,295,614
2007	8,005,635	11,770,374	\$55,188,331
2008	8,461,956	12,281,681	\$57,114,269
2009	8,944,287	12,817,308	\$59,069,399
2010	9,578,342	13,554,239	\$61,851,183
2011	10,344,609	14,638,578	\$68,135,263
2012	11,172,178	15,809,664	\$75,057,806
2013	12,065,952	17,074,437	\$82,683,679
2014	13,031,228	18,440,392	\$91,084,341
2015	14,073,726	19,915,623	\$100,338,510
2016	15,199,624	21,508,873	\$110,532,902
2017	16,415,594	23,229,583	\$121,763,045
2018	17,728,842	25,087,950	\$134,134,170
2019	19,147,149	27,094,986	\$147,762,202
2020	20,709,780	29,306,253	\$163,017,752
2021	21,745,269	30,771,566	\$174,592,012
2022	22,832,533	32,310,144	\$186,988,045
2023	23,974,160	33,925,651	\$200,264,196
2024	25,172,868	35,621,934	\$214,482,954
2025	26,431,511	37,403,031	\$229,711,244
2026	27,753,086	39,273,182	\$246,020,742
2027	28,643,272	40,532,877	\$258,990,141
2028	28,643,272	40,532,877	\$264,169,944
2029	28,643,272	40,532,877	\$269,453,343
2030	28,643,272	40,532,877	\$274,842,410
2031	28,643,272	40,532,877	\$280,339,258
2032	28,643,272	40,532,877	\$285,946,043
2033	28,643,272	40,532,877	\$291,664,964
2034	28,643,272	40,532,877	\$297,498,263
2035	28,643,272	40,532,877	\$303,448,228
2036	28,643,272	40,532,877	\$309,517,193
2037	28,643,272	40,532,877	\$315,707,537
2038	28,643,272	40,532,877	\$322,021,687
2039	28,643,272	40,532,877	\$328,462,121
2040	28,643,272	40,532,877	\$335,031,364

Sources: Ports of long Beach, Port of Los Angeles, and Cambridge Systematics, Inc.

Debt Service and Coverage for Project Related Bonds (Nominal Dollars)

Year	Net Revenue	Container Fee Bonds				Net Debt Service	Coverage for Container Fee Bonds	Appreciation Bonds Capital	Coverage for Container Fee + Cap Appreciation Bonds	Operating Reserve + Capital Renewal Funds			Residual Cash Flow	Available for Federal Loan
		Principal	Coupon	Interest	Deposit to Funds					Funds Balance	Coverage w/ Funds			
1 2005	51,439,508	6,697,180	6.10%	32,871,673	39,568,853	1.30	-	1.30	11,870,656	11,870,656	1.60	-	-	
2 2006	53,295,614	7,105,707	6.10%	32,463,145	39,568,853	1.35	1,427,774	1.30	12,298,988	24,169,644	1.96	-	-	
3 2007	55,188,331	7,539,156	6.10%	32,029,697	39,568,853	1.39	2,883,710	1.30	12,735,769	36,905,412	2.33	-	-	
4 2008	57,114,269	7,999,044	6.10%	31,569,808	39,568,853	1.44	4,365,200	1.30	13,180,216	50,085,628	2.71	-	-	
5 2009	59,069,399	8,486,986	6.10%	31,081,867	39,568,853	1.49	5,869,147	1.30	2,871,152	52,956,780	2.83	10,760,248	6,803,363	
6 2010	61,851,183	9,004,692	6.10%	30,564,161	39,568,853	1.56	8,008,980	1.30	-	52,956,780	2.90	14,273,350	10,316,465	
7 2011	68,135,263	9,553,978	6.10%	30,014,874	39,568,853	1.72	12,842,888	1.30	-	52,956,780	3.06	15,723,522	11,766,637	
8 2012	75,057,806	10,136,771	6.10%	29,432,082	39,568,853	1.90	18,167,921	1.30	-	52,956,780	3.24	17,321,032	13,364,147	
9 2013	82,683,679	10,755,114	6.10%	28,813,739	39,568,853	2.09	24,033,977	1.30	-	52,956,780	3.43	19,080,849	15,123,964	
10 2014	91,084,341	11,411,176	6.10%	28,157,677	39,568,853	2.30	30,496,025	1.30	-	52,956,780	3.64	21,019,463	17,062,578	
11 2015	100,338,510	12,107,257	6.10%	27,461,595	39,568,853	2.54	37,614,616	1.30	-	52,956,780	3.87	23,155,041	19,198,155	
12 2016	110,532,902	12,845,800	6.10%	26,723,052	39,568,853	2.79	45,456,457	1.30	-	52,956,780	4.13	25,507,593	21,550,708	
13 2017	121,763,045	13,629,394	6.10%	25,939,459	39,568,853	3.08	54,095,028	1.30	-	52,956,780	4.42	28,099,164	24,142,279	
14 2018	134,134,170	14,460,787	6.10%	25,108,066	39,568,853	3.39	63,611,278	1.30	-	52,956,780	4.73	30,954,039	26,997,154	
15 2019	147,762,202	15,342,895	6.10%	24,225,958	39,568,853	3.73	74,094,380	1.30	-	52,956,780	5.07	34,098,970	30,142,084	
16 2020	163,017,752	16,278,812	6.10%	23,290,041	39,568,853	4.12	85,829,418	1.30	-	52,956,780	5.46	37,619,481	33,662,596	
17 2021	174,592,012	17,271,819	6.10%	22,297,033	39,568,853	4.41	94,732,695	1.30	-	52,956,780	5.75	40,290,464	36,333,579	
18 2022	186,988,045	18,325,400	6.10%	21,243,452	39,568,853	4.73	104,268,105	1.30	-	52,956,780	6.06	43,151,087	39,194,202	
19 2023	200,264,196	19,443,250	6.10%	20,125,603	39,568,853	5.06	114,480,529	1.30	-	52,956,780	6.40	46,214,815	42,257,929	
20 2024	214,482,954	20,629,288	6.10%	18,939,565	39,568,853	5.42	125,418,035	1.30	-	52,956,780	6.76	49,496,066	45,539,181	
21 2025	229,711,244	21,887,674	6.10%	17,681,178	39,568,853	5.81	137,132,104	1.30	-	52,956,780	7.14	53,010,287	49,053,402	
22 2026	246,020,742	23,222,822	6.10%	16,346,030	39,568,853	6.22	149,677,872	1.30	-	52,956,780	7.56	56,774,017	52,817,132	
23 2027	258,990,141	24,639,415	6.10%	14,929,438	39,568,853	6.55	159,654,333	1.30	-	52,956,780	7.88	59,766,956	55,810,070	
24 2028	264,169,944	26,142,419	6.10%	13,426,434	39,568,853	6.68	163,638,797	1.30	-	52,956,780	8.01	60,962,295	57,005,409	
25 2029	269,453,343	27,737,106	6.10%	11,831,746	39,568,853	6.81	167,702,950	1.30	-	52,956,780	8.15	62,181,541	58,224,655	
26 2030	274,842,410	29,429,070	6.10%	10,139,783	39,568,853	6.95	171,848,386	1.30	-	52,956,780	8.28	63,425,171	59,468,286	
27 2031	280,339,258	31,224,243	6.10%	8,344,609	39,568,853	7.08	176,076,730	1.30	-	52,956,780	8.42	64,693,675	60,736,790	
28 2032	285,946,043	33,128,922	6.10%	6,439,931	39,568,853	7.23	180,389,642	1.30	-	52,956,780	8.56	65,987,548	62,030,663	
29 2033	291,664,964	35,149,786	6.10%	4,419,066	39,568,853	7.37	184,788,812	1.30	-	52,956,780	8.71	67,307,299	63,350,414	
30 2034	297,498,263	37,293,923	6.10%	2,274,929	39,568,853	7.52	189,275,965	1.30	-	52,956,780	8.86	68,653,445	64,696,560	
31 2035	303,448,228	-	6.10%	-	-	n/a	233,421,714	1.30	-	52,956,780	n/a	70,026,514	70,026,514	
TOTALS	5,210,879,760	538,879,887		648,185,691	1,187,065,578		2,821,303,469			52,956,780		1,149,553,934	1,046,674,917	

I-710 Corridor Improvements

Funds Available for I-710 Improvements

Truck Volumes North of Pacific Coast Highway										
Time Period		I-710		I-47/I-103		Henry Ford Ave/ Alameda St		I-110		
		In	Out	In	Out	In	Out	In	Out	
2010 AM Peak	Number	965	595	207	149	187	101	364	244	
	% of Total	41.9%	36.6%	9.0%	9.2%	8.1%	6.2%	15.8%	15.0%	
2010 Midday Peak	Number	936	1,006	191	173	268	284	420	455	
	% of Total	34.7%	36.0%	7.1%	6.2%	9.9%	10.2%	15.6%	16.3%	
2010 PM Peak	Number	486	760	116	140	139	203	206	352	
	% of Total	33.3%	37.9%	8.0%	7.0%	9.5%	10.1%	14.1%	17.6%	
Sum of Above	Number	2,387	2,361	514	462	594	588	990	1,051	
	% of Total	37.3%	36.8%	8.0%	7.4%	9.3%	9.5%	15.4%	16.4%	

Percent of Funds Available for I-710 Improvements		
Low Estimate	37%	Assume % funds available = % of truck volume north of Pacific Coast Highway on I-710
High Estimate	84%	Assume % funds available = Total less % of truck volume north of Pacific Coast Highway on I-110

Total Funds

Raised: \$1,407,504,694

Funds Available for I-710 Improvements		
Low Estimate	\$521,478,859	Assume % funds available = % of truck volume north of Pacific Coast Highway on I-710
High Estimate	\$1,183,722,688	Assume % funds available = Total less % of truck volume north of Pacific Coast Highway on I-110

Breakdown of Revenue by Financing Mechanism

Calendar Year	NET REVENUE	Container Fee Bonds	Percent of Revenue	Capital Appreciation Bonds	Percent of Revenue	Federal Loan	Percent of Revenue	Revenue Unavailable for Financing	Percent of Revenue
1999	-								
2000	-								
2001	-								
2002	-								
2003	-								
2004	-								
1 2005	51,439,508	39,568,853	77%	-	0%	-	0%	11,870,656	23%
2 2006	53,295,614	39,568,853	74%	1,427,774	3%	-	0%	12,298,988	23%
3 2007	55,188,331	39,568,853	72%	2,883,710	5%	-	0%	12,735,769	23%
4 2008	57,114,269	39,568,853	69%	4,365,200	8%	-	0%	13,180,216	23%
5 2009	59,069,399	39,568,853	67%	5,869,147	10%	6,803,363	12%	6,828,037	12%
6 2010	61,851,183	39,568,853	64%	8,008,980	13%	10,316,465	17%	3,956,885	6%
7 2011	68,135,263	39,568,853	58%	12,842,888	19%	11,766,637	17%	3,956,885	6%
8 2012	75,057,806	39,568,853	53%	18,167,921	24%	13,364,147	18%	3,956,885	5%
9 2013	82,683,679	39,568,853	48%	24,033,977	29%	15,123,964	18%	3,956,885	5%
10 2014	91,084,341	39,568,853	43%	30,496,025	33%	17,062,578	19%	3,956,885	4%
11 2015	100,338,510	39,568,853	39%	37,614,616	37%	19,198,155	19%	3,956,885	4%
12 2016	110,532,902	39,568,853	36%	45,456,457	41%	21,550,708	19%	3,956,885	4%
13 2017	121,763,045	39,568,853	32%	54,095,028	44%	24,142,279	20%	3,956,885	3%
14 2018	134,134,170	39,568,853	29%	63,611,278	47%	26,997,154	20%	3,956,885	3%
15 2019	147,762,202	39,568,853	27%	74,094,380	50%	30,142,084	20%	3,956,885	3%
16 2020	163,017,752	39,568,853	24%	85,829,418	53%	33,662,596	21%	3,956,885	2%
17 2021	174,592,012	39,568,853	23%	94,732,695	54%	36,333,579	21%	3,956,885	2%
18 2022	186,988,045	39,568,853	21%	104,268,105	56%	39,194,202	21%	3,956,885	2%
19 2023	200,264,196	39,568,853	20%	114,480,529	57%	42,257,929	21%	3,956,885	2%

Breakdown of Revenue by Financing Mechanism

Calendar Year	NET REVENUE	Container	Percent	Capital	Percent	Federal	Percent	Revenue	Percent	
		Fee Bonds	of Revenue	Appreciation Bonds	of Revenue	Loan	of Revenue	Unavailable for Financing	of Revenue	
20	2024	214,482,954	39,568,853	18%	125,418,035	58%	45,539,181	21%	3,956,885	2%
21	2025	229,711,244	39,568,853	17%	137,132,104	60%	49,053,402	21%	3,956,885	2%
22	2026	246,020,742	39,568,853	16%	149,677,872	61%	52,817,132	21%	3,956,885	2%
23	2027	258,990,141	39,568,853	15%	159,654,333	62%	55,810,070	22%	3,956,885	2%
24	2028	264,169,944	39,568,853	15%	163,638,797	62%	57,005,409	22%	3,956,885	1%
25	2029	269,453,343	39,568,853	15%	167,702,950	62%	58,224,655	22%	3,956,885	1%
26	2030	274,842,410	39,568,853	14%	171,848,386	63%	59,468,286	22%	3,956,885	1%
27	2031	280,339,258	39,568,853	14%	176,076,730	63%	60,736,790	22%	3,956,885	1%
28	2032	285,946,043	39,568,853	14%	180,389,642	63%	62,030,663	22%	3,956,885	1%
29	2033	291,664,964	39,568,853	14%	184,788,812	63%	63,350,414	22%	3,956,885	1%
30	2034	297,498,263	39,568,853	13%	189,275,965	64%	64,696,560	22%	3,956,885	1%
31	2035	303,448,228	-	0%	233,421,714	77%	70,026,514	23%	-	0%
TOTALS		5,210,879,760	1,187,065,578	23%	2,821,303,469	54%	1,046,674,917	20%	155,835,797	3%

Port of Long Beach

Year	Total Number of units - both ports "crane moves"	Total Number of units - both ports "gate moves"	Total movements - POLB and POLA	Inbound (Export) - POLB														Outbound (Import) - POLB															
				Off-dock rail				Inter-terminal				Other inland location						Off-dock rail				Inter-terminal				Other inland location							
				On-dock rail	Bobtail	Chassis	Container		Bobtail	Chassis	Container		Bobtail	Chassis	Container		Bobtail	Chassis	Container		On-dock rail	Bobtail	Chassis	Container		Bobtail	Chassis	Container		Bobtail	Chassis	Container	
							Full	Empty			Full	Empty			Full	Empty			Full	Empty				Full	Empty			Full	Empty			Full	Empty
2000	5,124,441	5,430,888	8,783,868	43,471	103,982	23,996	167,371	102,582	39,315	9,073	44,910	57,159	71,326	16,460	81,477	103,698	299,141	411,918	42,717	528,526	27,817	248,684	25,789	161,221	174,656	434,924	45,103	281,959	305,456				
2001	5,416,534	5,740,449	9,153,690	56,028	105,851	24,427	170,379	104,426	40,022	9,236	45,718	58,186	72,608	16,756	82,941	105,561	385,555	419,321	43,485	538,025	28,317	253,154	26,253	164,119	177,795	442,740	45,914	287,027	310,946				
2002	5,725,277	6,067,654	9,540,977	69,580	107,714	24,857	173,378	106,264	40,727	9,398	46,522	59,210	73,886	17,051	84,401	107,419	478,810	426,702	44,251	547,495	28,816	257,610	26,715	167,008	180,925	450,534	46,722	292,079	316,419				
2003	6,051,617	6,413,511	9,946,571	84,194	109,567	25,285	176,360	108,092	41,427	9,560	47,322	60,228	75,157	17,344	85,853	109,267	579,377	434,041	45,012	556,912	29,311	262,041	27,175	169,880	184,037	458,282	47,526	297,103	321,861				
2004	6,396,560	6,779,081	10,371,357	99,944	111,403	25,708	179,316	109,903	42,121	9,720	48,116	61,238	76,417	17,635	87,292	111,098	687,759	441,315	45,766	566,246	29,802	266,432	27,630	172,727	187,121	465,963	48,322	302,082	327,256				
2005	6,761,164	7,165,488	10,816,261	116,907	113,217	26,127	182,236	111,693	42,807	9,879	48,899	62,235	77,661	17,922	88,713	112,907	804,489	448,502	46,511	575,467	30,288	270,771	28,080	175,540	190,168	473,551	49,109	307,001	332,585				
2006	7,146,550	7,573,921	11,282,259	135,165	115,002	26,539	185,109	113,454	43,482	10,034	49,670	63,216	78,886	18,204	90,112	114,688	930,134	455,574	47,245	584,541	30,765	275,041	28,523	178,308	193,167	481,018	49,883	311,842	337,829				
2007	7,553,903	8,005,635	11,770,374	154,807	116,751	26,943	187,925	115,180	44,144	10,187	50,426	64,178	80,086	18,481	91,482	116,432	1,065,296	462,503	47,963	593,431	31,233	279,224	28,957	181,020	196,105	488,334	50,642	316,585	342,967				
2008	7,984,476	8,461,956	12,281,681	175,925	118,456	27,336	190,669	116,862	44,788	10,336	51,162	65,115	81,255	18,751	92,819	118,133	1,210,617	469,258	48,664	602,098	31,689	283,302	29,379	183,664	198,969	495,466	51,382	321,209	347,976				
2009	8,439,591	8,944,287	12,817,308	198,618	120,109	27,718	193,330	118,492	45,413	10,480	51,876	66,024	82,389	19,013	94,114	119,781	1,366,778	475,805	49,343	610,499	32,132	287,255	29,789	186,226	201,745	502,380	52,099	325,691	352,832				
2010	9,037,868	9,578,342	13,554,239	225,921	123,300	28,454	198,465	121,640	46,619	10,758	53,254	67,778	84,577	19,518	96,613	122,963	1,554,667	488,444	50,653	626,716	32,985	294,885	30,581	191,173	207,104	515,724	53,482	334,342	362,204				
2011	9,760,897	10,344,609	14,638,578	243,995	133,164	30,730	214,342	131,371	50,349	11,619	57,514	73,200	91,344	21,079	104,343	132,800	1,679,041	527,519	54,706	676,853	35,624	318,476	33,027	206,467	223,672	556,982	57,761	361,089	391,180				
2012	10,541,769	11,172,178	15,809,664	263,515	143,817	33,188	231,490	141,881	54,377	12,549	62,115	79,056	98,651	22,766	112,690	143,424	1,813,364	569,721	59,082	731,001	38,474	343,954	35,669	222,984	241,566	601,540	62,382	389,976	422,474				
2013	11,385,110	12,065,952	17,074,437	284,596	155,322	35,844	250,009	153,231	58,727	13,552	67,084	85,380	106,543	24,587	121,705	154,897	1,958,433	615,298	63,809	789,481	41,552	371,470	38,523	240,823	260,891	649,664	67,373	421,174	456,272				
2014	12,295,919	13,031,228	18,440,392	307,364	167,748	38,711	270,009	165,940	63,425	14,637	72,451	92,211	115,067	26,554	131,442	167,289	2,115,108	664,522	68,913	852,640	44,876	401,188	41,605	260,089	281,763	701,637	72,762	454,868	492,774				
2015	13,279,593	14,073,726	19,915,623	331,953	181,168	41,808	291,610	178,729	68,499	15,808	78,247	99,587	124,272	28,678	141,957	180,672	2,284,317	717,684	74,427	920,851	48,466	433,283	44,933	280,896	304,304	757,768	78,583	491,258	532,196				
2016	14,341,960	15,199,624	21,508,873	358,509	195,661	45,153	314,939	193,027	73,979	17,072	84,507	107,554	134,214	30,972	153,313	195,126	2,467,062	775,099	80,381	994,519	52,343	467,945	48,528	303,367	328,648	818,389	84,870	530,559	574,772				
2017	15,489,317	16,415,594	23,229,583	387,190	211,314	48,765	340,134	208,469	79,898	18,438	91,268	116,159	144,951	33,450	165,578	210,736	2,664,427	837,107	86,811	1,074,080	56,531	505,381	52,410	327,637	354,940	883,860	91,660	573,003	620,754				
2018	16,728,462	17,728,482	25,087,950	418,165	228,219	52,666	367,345	225,147	86,289	19,913	98,569	125,452	156,547	36,126	178,825	227,595	2,877,581	904,075	93,756	1,160,007	61,053	545,811	56,603	353,848	383,335	954,569	98,992	618,843	670,414				
2019	18,066,739	19,147,149	27,094,986	451,618	246,477	56,879	396,732	243,159	93,193	21,506	106,455	135,488	169,071	39,016	193,131	245,803	3,107,788	976,401	101,256	1,252,807	65,937	589,476	61,131	382,155	414,002	1,030,934	106,912	668,351	724,047				
2020	19,541,196	20,709,780	29,306,253	488,475	266,592	61,521	429,110	263,003	100,798	23,261	115,143	146,545	182,869	42,201	208,892	265,863	3,361,419	1,056,087	109,520	1,355,051	71,318	637,585	66,120	413,344	447,789	1,115,071	115,637	722,896	783,138				
2021	20,518,256	21,745,269	30,771,566	512,899	279,922	64,597	450,566	276,153	105,838	24,424	120,900	153,872	192,012	44,311	219,337	279,156	3,529,490	1,108,891	114,996	1,422,804	74,984	669,464	69,426	434,011	470,178	1,170,824	121,419	759,041	822,294				
2022	21,544,169	22,832,533	32,310,144	538,544	293,918	67,827	473,094	289,961	111,130	25,645	126,945	161,566	201,613	46,526	230,304	293,114	3,705,965	1,164,336	120,746	1,493,944	78,629	702,937	72,897	455,711	493,687	1,229,365	127,490	796,993	863,409				
2023	22,621,377	23,974,160	33,925,651	565,471	308,613	71,218	496,749	304,459	116,687	26,928	133,292	169,644	211,694	48,852	241,819	307,770	3,891,263	1,222,553	126,783	1,568,641	82,560	738,084	76,542	478,497	518,372	1,290,834	133,864	836,843	906,580				
2024	23,752,446	25,172,868	35,621,934	593,745	324,044	74,779	521,586	319,682	122,521	28,274	139,966	178,126	222,278	51,295	253,910	323,158	4,085,826	1,283,681	133,122	1,647,073	86,688	774,988	80,369	502,422	544,290	1,355,375	140,557	878,685	951,909				
2025	24,940,068	26,431,511	37,403,031	623,432	340,246	78,518	547,666	335,666	128,647	29,688	146,954	187,033	233,392	53,860	266,606	339,316	4,290,117	1,347,865	139,779	1,729,427	91,022	813,737	84,388	527,543	571,505	1,423,144	147,585	922,619	999,504				
2026	26,187,072	27,753,086	39,273,182	654,604	357,259	82,444	575,049	352,449	135,079	31,172	154,302	196,384	245,062	56,553	279,936	356,282	4,504,623	1,415,258	146,767	1,815,898	95,574	854,424	88,607	553,920	600,080	1,494,301	154,965	968,750	1,049,479				
2027	27,027,027	28,643,272	40,532,877	675,600	368,718	85,089	593,494	363,754	139,412	32,172	159,251	202,683	252,922	58,367	288,915	367,710	4,649,110	1,460,652	151,475	1,874,143	98,639	881,830	91,449	571,687	619,328	1,542,231	159,935	999,823	1,083,141				
2028	27,027,027	28,643,272	40,532,877	675,600	368,718	85,089	593,494	363,754	139,412	32,172	159,251	202,683	252,922	58,367	288,915	367,710	4,649,110	1,460,652	151,475	1,874,143	98,639	881,830	91,449	571,687	619,328	1,542,231	159,935	999,823	1,083,141				
2029	27,027,027	28,643,272	40,532,877	675,600	368,718	85,089	593,494	363,754	139,412	32,172	159,251	202,683	252,922	58,367	288,915	367,710	4,649,110	1,460,652	151,475	1,874,143	98,639	881,830	91,449	571,687	619,328	1,542,231	159,935	999,823	1,083,141				
2030	27,027,027	28,643,272	40,532,877	675,600	368,718	85,089	593,494	363,754	139,412	32,172	159,251	202,683	252,922	58,367	288,915	367,710	4,649,110	1,460,652	151,475	1,874,143	98,639	881,830	91,449	571,687	619,328	1,542,231	159,935	999,823	1,083,141				
2031	27,027,027	28,643,272	40,532,877	675,600	368,718	85,089	593,494	363,754	139,412	32,172	159,251	202,683	252,922																				

Port of Los Angeles

Inbound (Export) - POLA														Outbound (Import) - POLA														TOTALS		TOTALS	
On-dock rail	Off-dock rail				Inter-terminal				Other inland location				On-dock rail	Off-dock rail				Inter-terminal				Other inland location				Full	Empty	Full	Empty	Total	
	Bobtail	Chassis	Container		Bobtail	Chassis	Container		Bobtail	Chassis	Container			Bobtail	Chassis	Container		Bobtail	Chassis	Container		Bobtail	Chassis	Container							
			Full	Empty			Full	Empty			Full	Empty				Full	Empty			Full	Empty			Full	Empty						
52,504	99,695	37,121	243,299	149,119	20,201	7,522	34,986	44,528	67,643	25,186	117,152	149,103	387,295	649,456	84,159	811,581	42,715	237,849	30,821	150,176	162,691	536,940	69,579	339,021	367,272	1,210,903	1,364,563	14%	16%	29%	
67,671	101,487	37,788	247,671	151,799	20,564	7,657	35,615	45,328	68,859	25,639	119,258	151,783	499,174	661,128	85,672	826,167	43,482	242,124	31,375	152,875	165,615	546,590	70,830	345,114	373,873	1,232,666	1,389,087	13%	15%	29%	
84,039	103,273	38,453	252,031	154,471	20,926	7,792	36,242	46,126	70,071	26,090	121,357	154,455	619,910	672,765	87,180	840,710	44,248	246,386	31,928	155,566	168,530	556,212	72,076	351,189	380,454	1,254,364	1,413,539	13%	15%	28%	
101,690	105,050	39,114	256,366	157,127	21,286	7,926	36,865	46,919	71,276	26,539	123,444	157,111	750,114	684,336	88,679	855,169	45,009	250,623	32,477	158,242	171,429	565,778	73,316	357,229	386,998	1,275,938	1,437,850	13%	14%	27%	
120,713	106,810	39,770	260,663	159,761	21,643	8,058	37,483	47,706	72,471	26,984	125,513	159,744	890,435	695,806	90,166	869,502	45,763	254,824	33,021	160,894	174,302	575,261	74,545	363,216	393,484	1,297,323	1,461,949	13%	14%	27%	
141,201	108,550	40,417	264,907	162,363	21,995	8,190	38,094	48,483	73,651	27,423	127,557	162,346	1,041,564	707,136	91,634	883,661	46,508	258,973	33,559	163,514	177,140	584,628	75,759	369,131	399,891	1,318,449	1,485,756	12%	14%	26%	
163,254	110,261	41,055	269,084	164,923	22,342	8,319	38,694	49,247	74,812	27,856	129,569	164,905	1,204,235	718,287	93,079	897,595	47,242	263,057	34,088	166,092	179,933	593,847	76,953	374,951	406,197	1,339,238	1,509,183	12%	13%	25%	
186,977	111,938	41,679	273,177	167,431	22,682	8,445	39,283	49,996	75,950	28,279	131,539	167,414	1,379,228	729,211	94,494	911,247	47,960	267,058	34,606	168,618	182,670	602,879	78,124	380,654	412,375	1,359,607	1,532,137	12%	13%	25%	
212,484	113,573	42,288	277,167	169,876	23,013	8,569	39,856	50,726	77,059	28,692	133,460	169,859	1,567,373	739,862	95,874	924,556	48,661	270,958	35,112	171,081	185,338	611,684	79,265	386,213	418,398	1,379,465	1,554,514	11%	13%	24%	
239,893	115,158	42,878	281,034	172,247	23,334	8,688	40,413	51,434	78,135	29,093	135,323	172,229	1,769,554	750,185	97,212	937,456	49,340	274,739	35,602	173,468	187,924	620,219	80,371	391,602	424,236	1,398,712	1,576,204	11%	12%	23%	
272,870	118,217	44,017	288,499	176,822	23,954	8,919	41,486	52,800	80,210	29,865	138,917	176,804	2,012,812	770,111	99,794	962,357	50,650	282,036	36,548	178,076	192,916	636,693	82,505	402,004	435,504	1,435,865	1,618,072	11%	12%	23%	
294,700	127,674	47,538	311,579	190,968	25,870	9,633	44,805	57,024	86,627	32,255	150,030	190,948	2,173,837	831,720	107,778	1,039,345	54,702	304,599	39,471	192,322	208,349	687,628	89,106	434,164	470,345	1,550,734	1,747,517	11%	12%	23%	
318,276	137,888	51,341	336,505	206,245	27,940	10,403	48,389	61,586	93,557	34,835	162,033	206,224	2,347,744	898,258	116,400	1,122,493	59,079	328,967	42,629	207,708	225,017	742,639	96,234	468,897	507,972	1,674,793	1,887,319	11%	12%	23%	
343,738	148,919	55,449	363,426	222,745	30,175	11,235	52,260	66,513	101,042	37,622	174,966	222,722	2,535,564	970,119	125,712	1,212,292	63,805	355,285	46,039	224,324	243,018	802,050	103,933	506,409	548,610	1,808,776	2,038,304	11%	12%	23%	
371,237	160,832	59,884	392,500	240,564	32,589	12,134	56,441	71,834	109,125	40,632	188,995	240,539	2,738,409	1,047,728	135,769	1,309,276	68,909	383,707	49,722	242,270	262,460	866,214	112,248	546,922	592,499	1,953,478	2,201,369	11%	12%	23%	
400,936	173,699	64,675	423,900	259,809	35,196	13,105	60,957	77,581	117,855	43,882	204,115	259,782	2,957,482	1,131,546	146,631	1,414,018	74,422	414,404	53,700	261,652	283,456	935,511	121,228	590,676	639,899	2,109,757	2,377,478	11%	12%	23%	
433,011	187,595	69,849	457,812	280,594	38,012	14,153	65,833	83,788	127,283	47,393	220,444	280,565	3,194,080	1,222,070	158,361	1,527,139	80,376	447,556	57,996	282,584	306,133	1,010,352	130,926	637,930	691,090	2,278,537	2,567,676	11%	12%	23%	
467,652	202,603	75,437	494,436	303,042	41,053	15,286	71,100	90,491	137,466	51,184	238,079	303,010	3,449,607	1,319,836	171,030	1,649,311	86,806	483,361	62,636	305,191	330,624	1,091,180	141,400	688,964	746,378	2,460,820	2,773,090	11%	12%	23%	
505,064	218,811	81,472	533,991	327,285	44,337	16,508	76,788	97,730	148,463	55,279	257,126	327,251	3,725,575	1,425,423	184,712	1,781,255	93,750	522,030	67,647	329,606	357,073	1,178,474	152,712	744,081	806,088	2,657,686	2,994,938	11%	12%	23%	
545,469	236,316	87,990	576,711	353,468	47,884	17,829	82,931	105,548	160,340	59,701	277,896	353,431	4,023,621	1,539,456	199,489	1,923,756	101,250	563,792	73,059	355,975	385,639	1,272,752	164,929	803,608	870,575	2,870,301	3,234,533	11%	12%	23%	
598,986	255,602	95,171	623,777	382,315	51,792	19,284	89,899	114,162	173,426	64,574	300,359	382,275	4,251,996	1,665,094	215,770	2,080,757	109,514	609,804	79,021	385,026	417,112	1,376,624	178,389	869,191	941,624	3,104,551	3,498,508	11%	12%	23%	
619,485	268,382	99,929	654,966	401,431	54,381	20,248	94,184	119,870	182,097	67,802	315,377	401,389	4,569,595	1,748,349	226,559	2,184,795	114,989	640,294	82,972	404,278	437,968	1,445,455	187,308	912,651	988,705	3,259,778	3,673,434	11%	12%	23%	
650,459	281,801	104,926	687,714	421,502	57,100	21,261	98,893	125,864	191,202	71,192	331,146	421,458	4,799,075	1,835,766	237,887	2,294,034	120,739	672,309	87,121	424,492	459,866	1,517,728	196,674	958,284	1,038,141	3,422,767	3,857,105	11%	12%	23%	
682,982	295,891	110,172	722,100	442,577	59,955	22,324	103,838	132,157	200,762	74,752	347,703	442,531	5,037,979	1,927,554	249,781	2,408,736	126,776	705,925	91,477	445,716	482,859	1,593,614	206,507	1,006,198	1,090,048	3,593,906	4,049,961	11%	12%	23%	
717,131	310,685	115,681	758,205	464,706	62,953	23,440	109,030	138,765	210,800	78,490	365,088	464,658	5,289,878	2,023,932	262,270	2,529,173	133,114	741,221	96,051	468,002	507,002	1,673,295	216,833	1,056,508	1,144,550	3,773,601	4,252,459	11%	12%	23%	
752,988	326,220	121,465	796,115	487,941	66,101	24,612	114,481	145,703	221,340	82,414	383,343	487,891	5,554,372	2,125,129	275,383	2,655,631	139,770	778,282	100,853	491,402	532,352	1,756,959	227,674	1,109,333	1,201,777	3,962,281	4,465,082	11%	12%	23%	
790,637	342,531	127,538	835,921	512,339	69,406	25,843	120,205	152,988	232,407	86,535	402,510	512,285	5,832,090	2,231,385	289,153	2,788,413	146,759	817,196	105,896	515,972	558,970	1,844,807	239,058	1,164,800	1,261,866	4,160,395	4,688,336	11%	12%	23%	
815,997	353,517	131,629	862,733	528,772	71,632	26,672	124,061	157,895	239,862	89,310	415,421	528,717	6,019,156	2,302,957	298,427	2,877,852	151,466	843,408	109,292	532,522	576,899	1,903,980	246,726	1,202,161	1,302,341	4,293,840	4,838,715	11%	12%	23%	
815,997	353,517	131,629	862,733	528,772	71,632	26,672	124,061	157,895	239,862	89,310	415,421	528,717	6,019,156	2,302,957	298,427	2,877,852	151,466	843,408	109,292	532,522	576,899	1,903,980	246,726	1,202,161	1,302,341	4,293,840	4,838,715	11%	12%	23%	
815,997	353,517	131,629	862,733	528,772	71,632	26,672	124,061	157,895	239,862	89,310	415,421	528,717	6,019,156	2,302,957	298,427	2,877,852	151,466	843,408	109,292	532,522	576,899	1,903,980	246,726	1,202,161	1,302,341	4,293,840	4,838,715	11%	12%	23%	
815,997	353,517	131,629	862,733	528,772	71,632	26,672	124,061	157,895	239,862	89,310	415,421	528,717	6,019,156	2,302,957	298,427	2,877,852	151,466	843,408	109,292	532,522	576,899	1,903,980	246,726	1,202,161	1,302,341	4,293,840	4,838,715	11%	12%	23%	
815,997	353,517	131,629	862,733	528,772	71,632	26,672	124,061	157,895	239,862	89,310	415,421	528,717	6,019																		