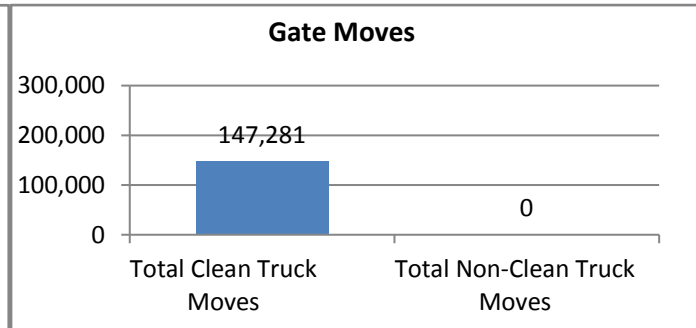
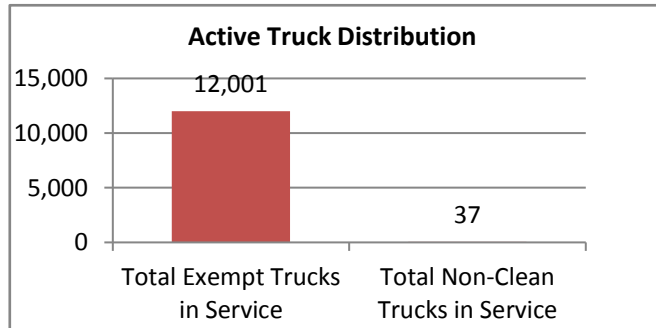


Port of Los Angeles - Clean Truck Program - Gate Move Data Analysis

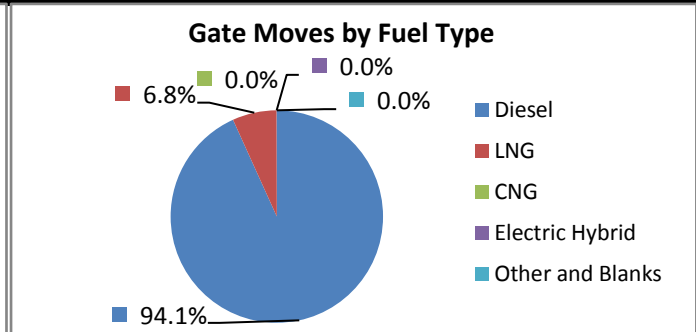
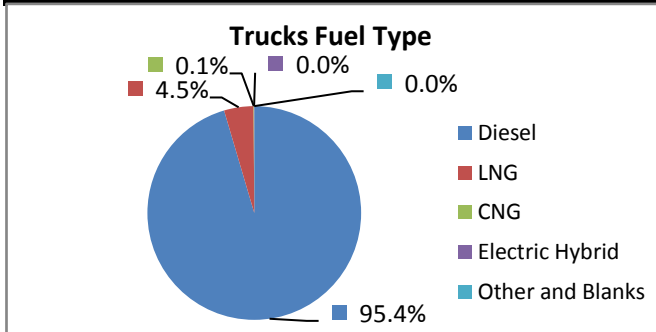
Report Period: 7/1/16 - 7/31/16

Overall Summary Data		More Information	
Total Gate Moves	337,061	PortCheck Data Range:	7/1/16 - 7/31/16
Total Full Container Moves	189,050	PDTR Date Collected:	7/31/16
Notes:			
Total Adjusted Full Container Gate Moves	150,539	This analysis uses PortCheck's Full container gate moves and Empty container gate moves in a separate portion of this analysis.	
Total Adjusted Uniquely Matched ¹	147,281	"Adjusted Full Container Gate Moves": Total of Full container gate moves with RFID and SCAC data.	
% Moves Uniquely Matched ²	97.8%		
Total Registered Trucks in PDTR	16,199	"Clean Truck/Exempt Truck": 2007 compliant trucks exempt from Clean Truck Program fees. Not ARB DTR exempt.	
Total Trucks in Service	12,038		
% Total Trucks in Service	74.3%	There is no normalized data since 97.8% "Full" moves are uniquely matched.	
Total Registered Exempt Trucks	16,199		
Total Exempt Trucks in Service	12,001	824 out of 1,081 Current concessionaires made gate moves.	
% Total Exempt Trucks in Service	74.1%		
Total Non-Clean Trucks in Service	37	POLA & POLB Combined Gate Move Summary	
Total Clean Truck Moves	147,281	Total Moves (all types) Matched	531,542
Total Non-Clean Truck Moves	0	Total Moves by Clean Trucks Only	531,542
Total LMCs that made move	824	Total Moves by Alternative Fuel	25,794
Total LMCs that made Clean Moves Only ³	824		4.9%
Total LMCs that have Clean Trucks made move	824		



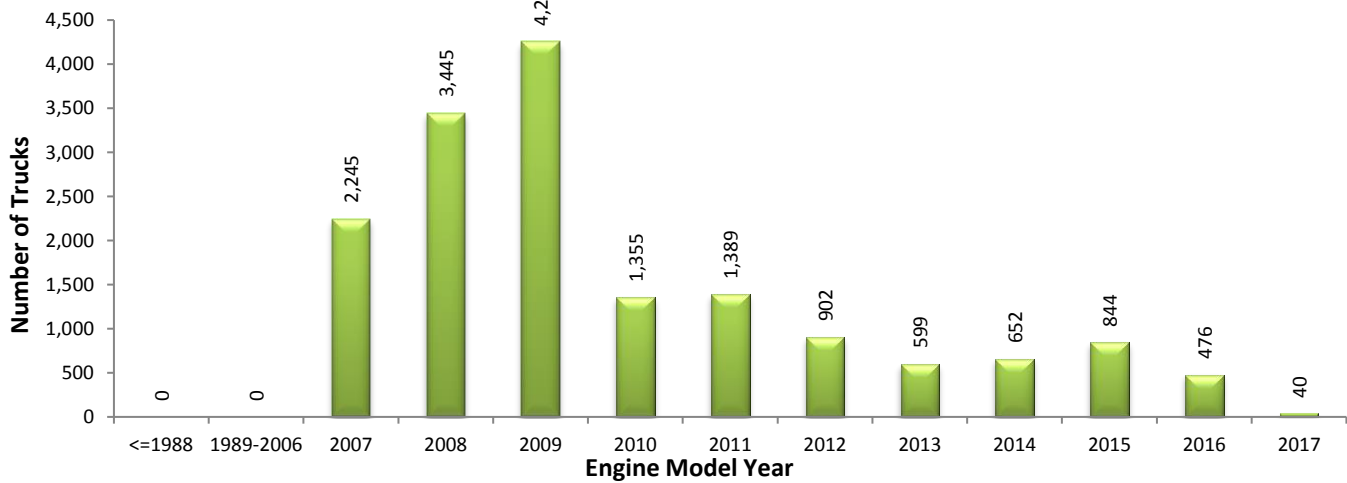
Truck Fuel Type Summary

Fuel Type	Trucks	Percent Trucks	Moves	Percent Moves
Diesel	15,460	95.4%	138,591	94.1%
LNG	721	4.5%	10,008	6.8%
CNG	11	0.1%	0	0.0%
Electric Hybrid	5	0.0%	33	0.0%
Other and Blanks	2	0.0%	20	0.0%
Total	16,199	-	147,281	-

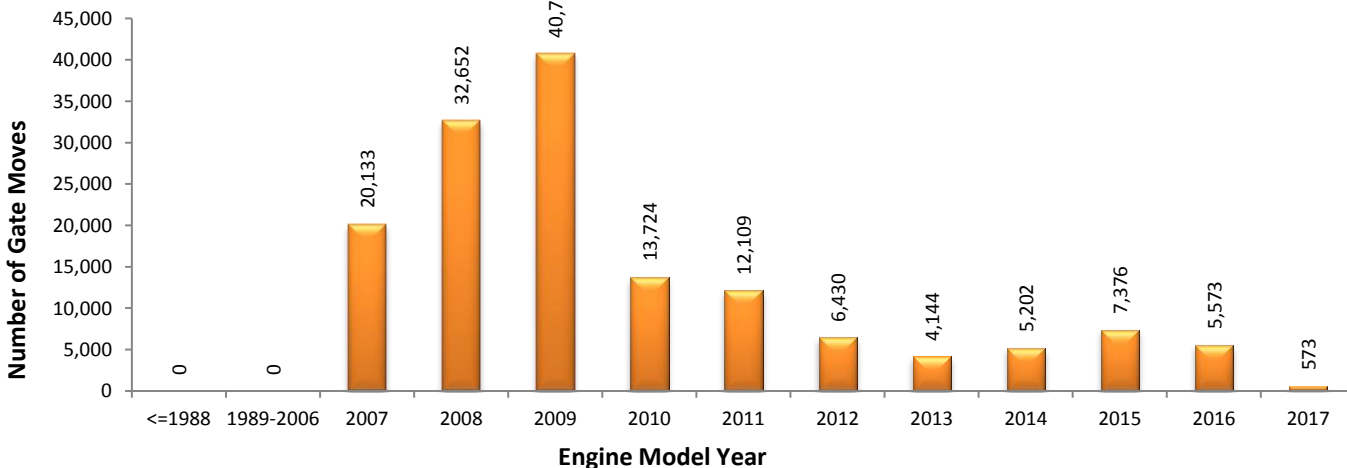


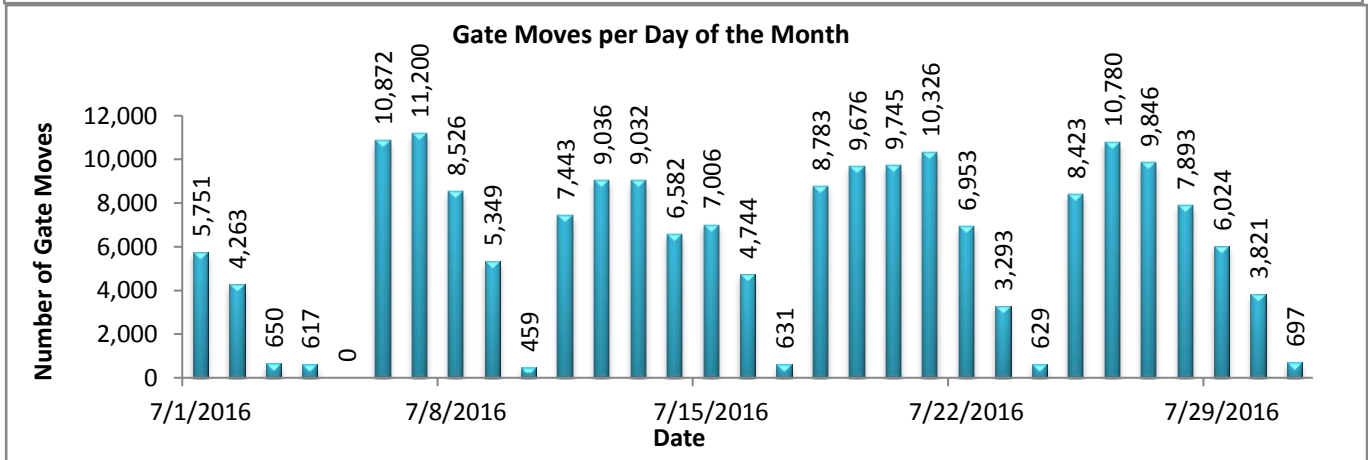
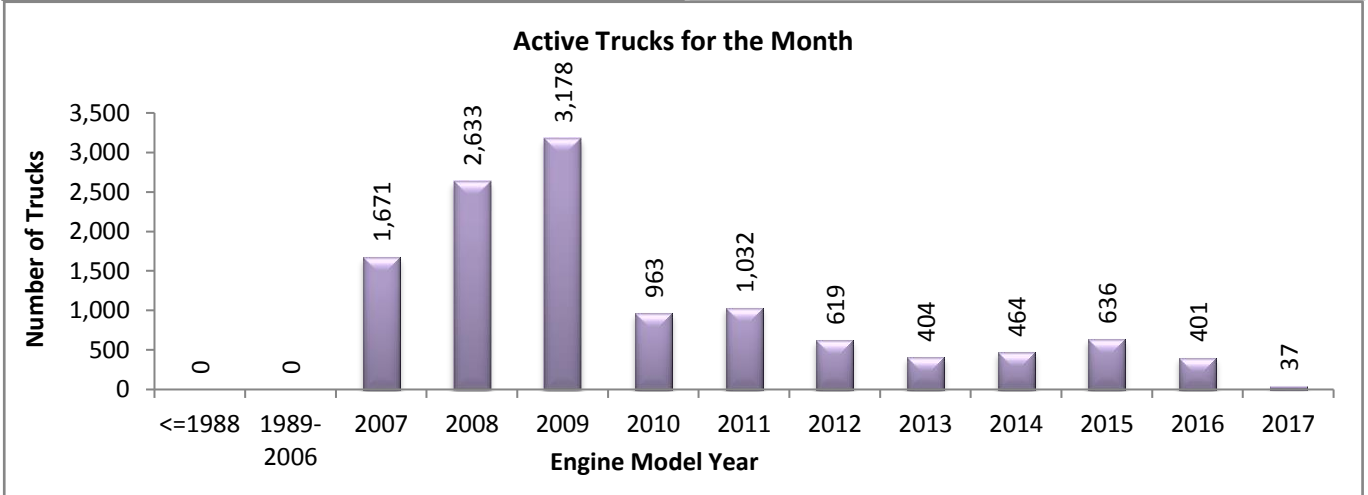
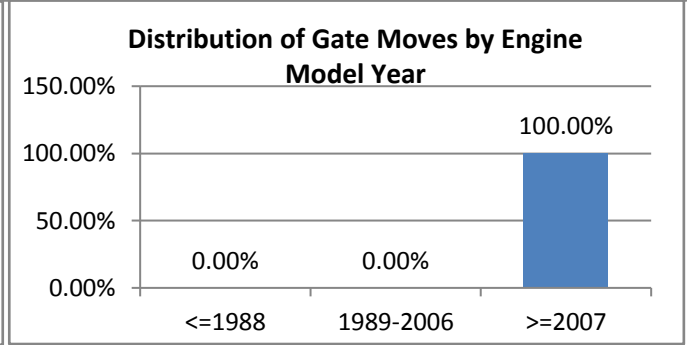
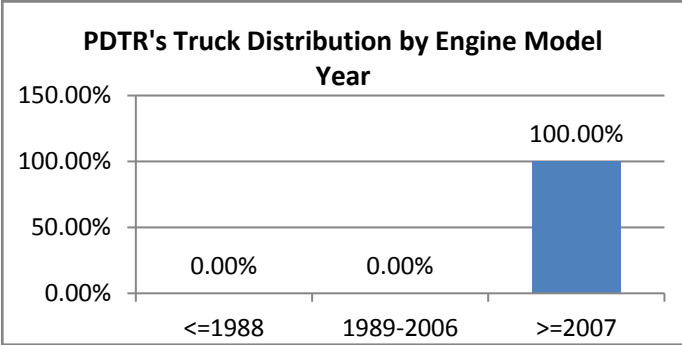
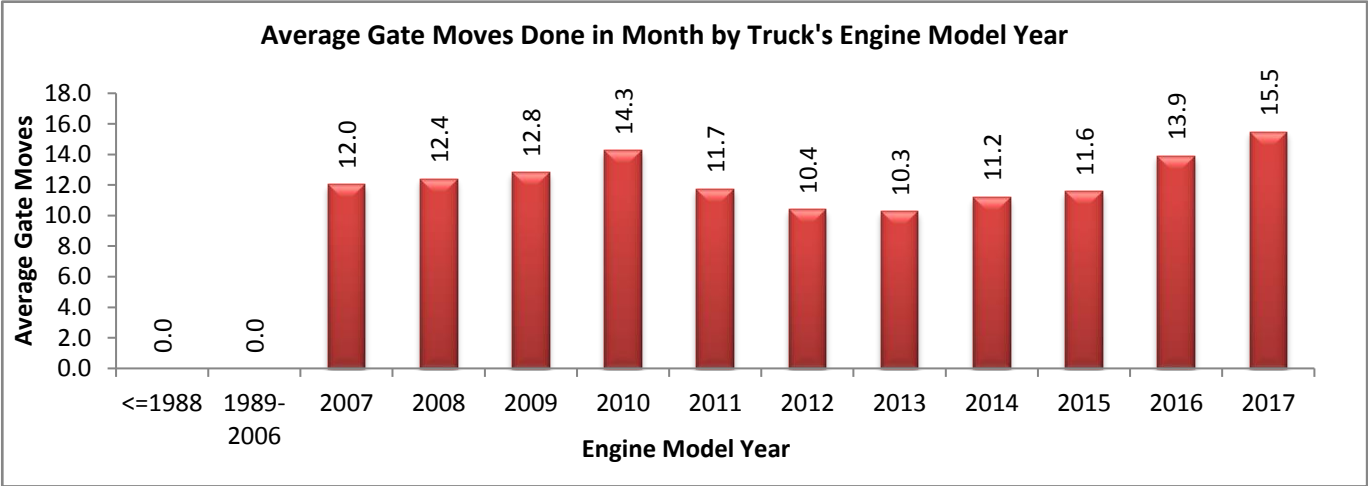
Engine Year	Trucks ⁴	Percent Trucks		Moves ⁵	Percent Moves		Moves per Truck ⁶	Active Trucks ⁷	
<=1988	0	0.00%	0.00%	0	0.00%	0.00%	0.0	0	0
1989-2006	0	0.00%	0.00%	0	0.00%	0.00%	0.0	0	0
2007	2,245	13.86%	100%	20,133	13.54%	99.61%	12.0	1,671	12,001
2008	3,445	21.27%		32,652	21.96%		12.4	2,633	
2009	4,252	26.25%		40,774	27.42%		12.8	3,178	
2010	1,355	8.36%		13,724	9.23%		14.3	963	
2011	1,389	8.57%		12,109	8.14%		11.7	1,032	
2012	902	5.57%		6,430	4.32%		10.4	619	
2013	599	3.70%		4,144	2.79%		10.3	404	
2014	652	4.02%		5,202	3.50%		11.2	464	
2015	844	5.21%		7,376	4.96%		11.6	636	
2016	476	2.94%		5,573	3.75%		13.9	401	
2017	40	0.25%	573	0.39%	15.5	37			
Typos/Blanks	0	0.00%	0.00%	0	0.00%	0.00%	0.0	0	0
Total	16,199	100.00%		148,690	100.00%		-	12,038	

PDTR's Truck Distribution by Engine Model Year



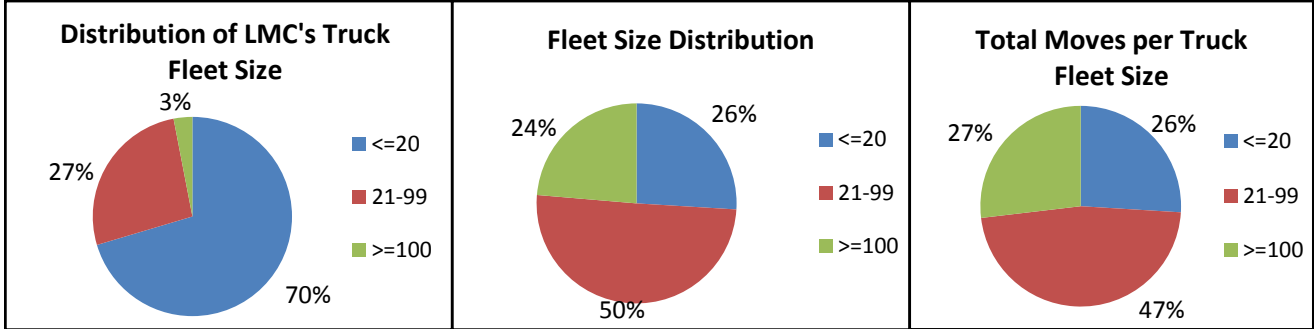
Distribution of Gate Moves by Engine Model Year for the Month





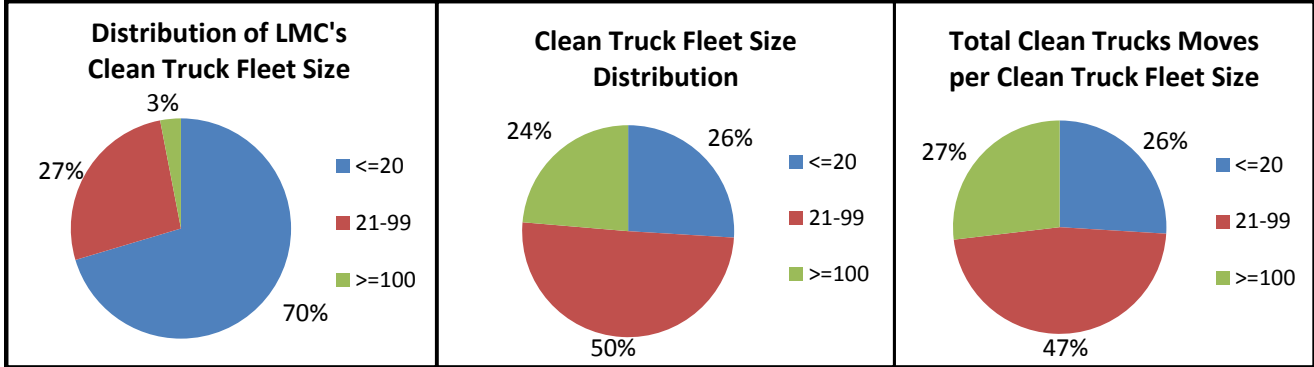
Total Gate Moves by Fleet Size

Fleet Size	LMCs	Total Fleet Size ⁸	Total Moves	Avg. Number of Moves per Fleet Size ⁹	Avg. Number of Trucks per LMC ¹⁰
<=20	580	4,633	38,250	8.26	7.99
21-99	219	8,989	69,463	7.73	41.05
>=100	25	4,221	39,568	9.37	168.84
Total	824	17,843	147,281	8.25	21.65



Gate Moves by Clean Truck Fleet Size

Clean Truck Fleet Size	LMCs	Total Clean Truck Fleet Size ¹¹	Total Moves by Clean Trucks	Avg. Number of "Clean Moves" per Clean Truck Fleet Size ¹²	Avg. Number of Clean Trucks per LMC ¹³
<=20	580	4,633	38,250	8.26	7.99
21-99	219	8,989	69,463	7.73	41.05
>=100	25	4,221	39,568	9.37	168.84
Total	824	17,843	147,281	8.25	21.65



Footnotes:	
1. Total Adjusted Uniquely Matched:	Amount of Adjusted Not Exempt moves crosschecked with PDTR RFID# and PortCheck RFID#.
2. % Moves Uniquely Matched:	The quotient of <i>Adjusted Uniquely Matched</i> by Adjusted Not Exempt Moves x100%.
3. Total LMCs that made Clean Moves Only:	The difference of the # of LMCs that made a move and the # of LMCs who made a move with Non-Clean Trucks.
4. Trucks:	Breakdown of trucks in the PDTR by Engine Model Year(EY).
5. Moves:	Breakdown of the current month's gate movement by a truck's Engine Model Year.
6. Moves per Truck:	The average number of moves made during the month distributed by the EY of all registered trucks in the PDTR.
7. Active Trucks	Distribution of trucks by EY that actually made moves during the current month.
8. Total Fleet Size:	Categorized LMCs by the size of their truck fleet, regardless of EY, and summed the fleet sizes for each category.
9. Average Number of Moves per Fleet Size:	The quotient of the total <i>Moves</i> divided by the <i>Total Fleet Size</i> for each fleet size category.
10. Average Number of Trucks per LMC:	The quotient of the <i>Total Fleet Size</i> divided by the number of LMCs for each fleet size category.
11. Total Clean Truck Fleet Size:	Categorized LMCs by their clean truck fleet size, only EY \geq 2007, and summed the fleet sizes for each category.
12. Average Number of "Clean Moves" per Clean Truck Fleet Size:	The quotient of the total clean moves divided by the <i>Total Clean Truck Fleet Size</i> for each fleet size category.
13. Average Number of Clean Trucks per LMC:	The quotient of total "clean moves" divided by the <i>Total Clean Truck Fleet Size</i> for each fleet size category.