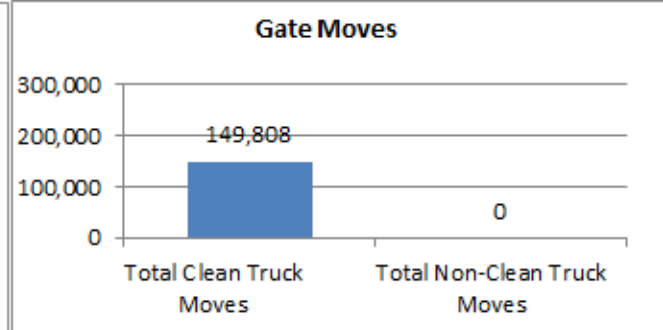
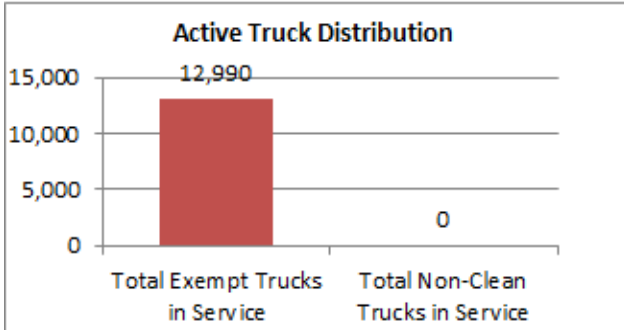


Port of Los Angeles - Clean Truck Program - Gate Move Data Analysis

Please Note: the data set used for this analysis is incomplete due to the data loss caused by hardware compatibility issues at the terminals. Results may not be representative of actual gate moves.

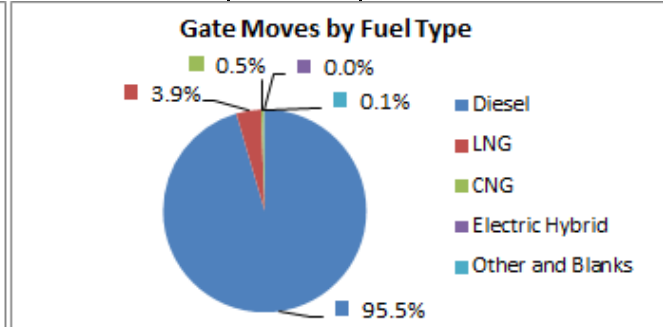
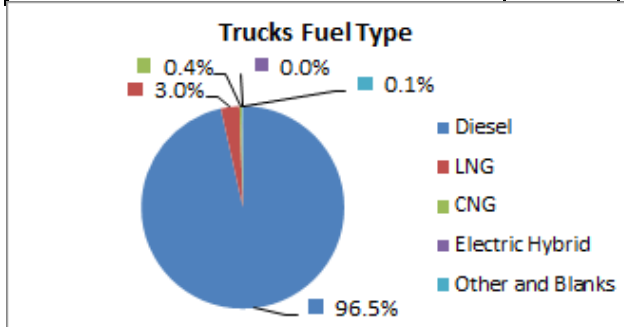
Report Period: 7/1/19 - 7/31/19

Overall Summary Data		More Information		
Total Gate Moves	418,904	PortCheck Data Range:	7/1/19 - 7/31/19	
Total Full Container Moves	235,313	PDTR Date Collected:	7/31/19	
Notes:				
Total Adjusted Full Container Gate Moves	153,663	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	149,808	"Adjusted Full Container Gate Moves": Total of Full container gate moves with RFID and SCAC data.		
% Moves Uniquely Matched ²	97.5%			
Total Registered Trucks in PDTR	17,781	"Clean Truck/Exempt Truck": 2007 compliant trucks exempt from Clean Truck Program fees. Not ARB DTR exempt.		
Total Trucks in Service	12,990			
% Total Trucks in Service	73.1%	There is no normalized data since 97.5% "Full" moves are uniquely matched.		
Total Registered Exempt Trucks	17,781			
Total Exempt Trucks in Service	12,990	898 out of 1,263 Current concessionaires made gate moves.		
% Total Exempt Trucks in Service	73.1%			
Total Non-Clean Trucks in Service	0	POLA & POLB Combined Gate Move Summary		
Total Clean Truck Moves	149,808			
Total Non-Clean Truck Moves	0	Total Moves (all types) Matched	663,964	%
Total LMCs that made move	898	Total Moves by Clean Trucks Only	663,964	100%
Total LMCs that made Clean Moves Only ³	898	Total Moves by Alternative Fuel	24,704	3.7%
Total LMCs that have Clean Trucks made move	898			



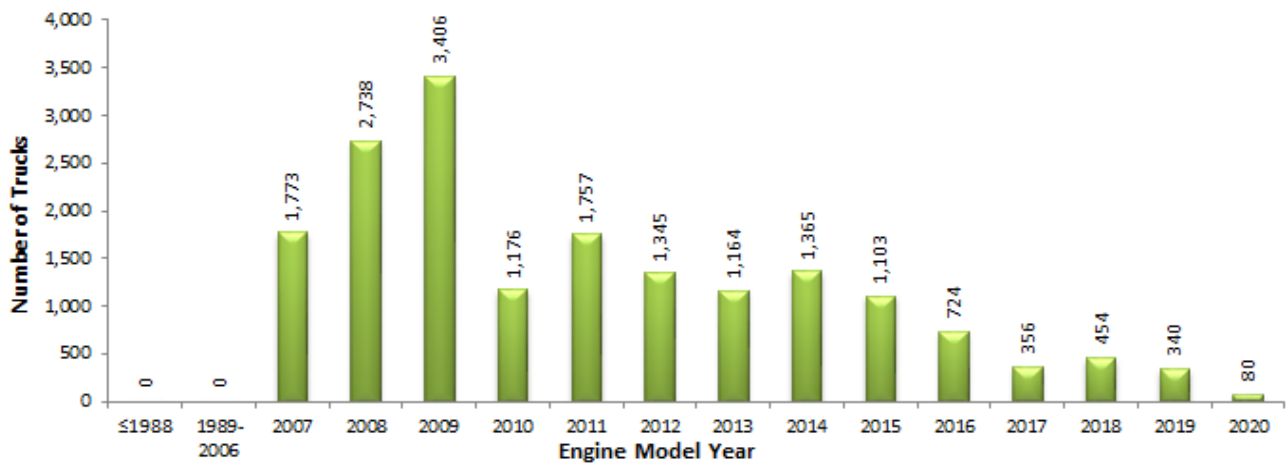
Truck Fuel Type Summary

Fuel Type	Trucks	Percent Trucks	Moves	Percent Moves
Diesel	17,160	96.5%	143,927	95.5%
LNG	530	3.0%	5,934	3.9%
CNG	63	0.4%	697	0.5%
Electric Hybrid	8	0.0%	32	0.0%
Other and Blanks	20	0.1%	160	0.1%
Total	17,781	-	150,750	-

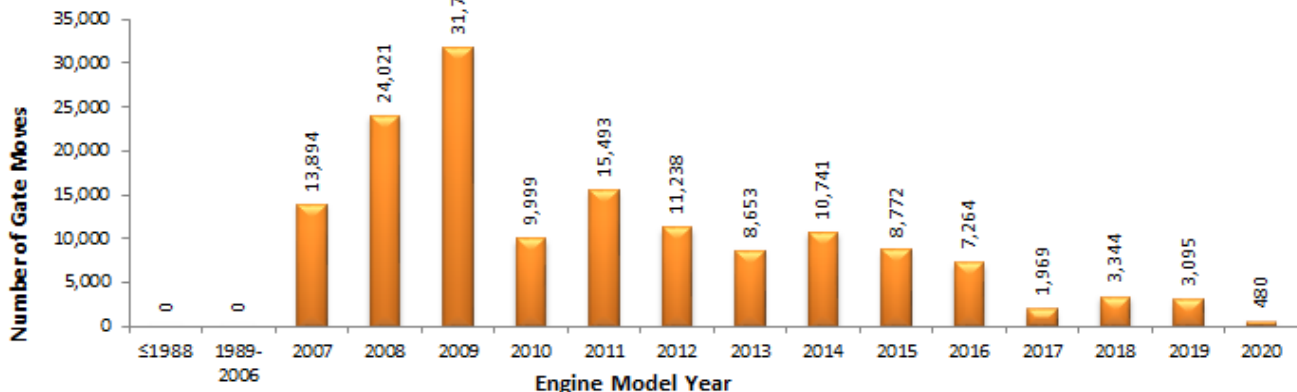


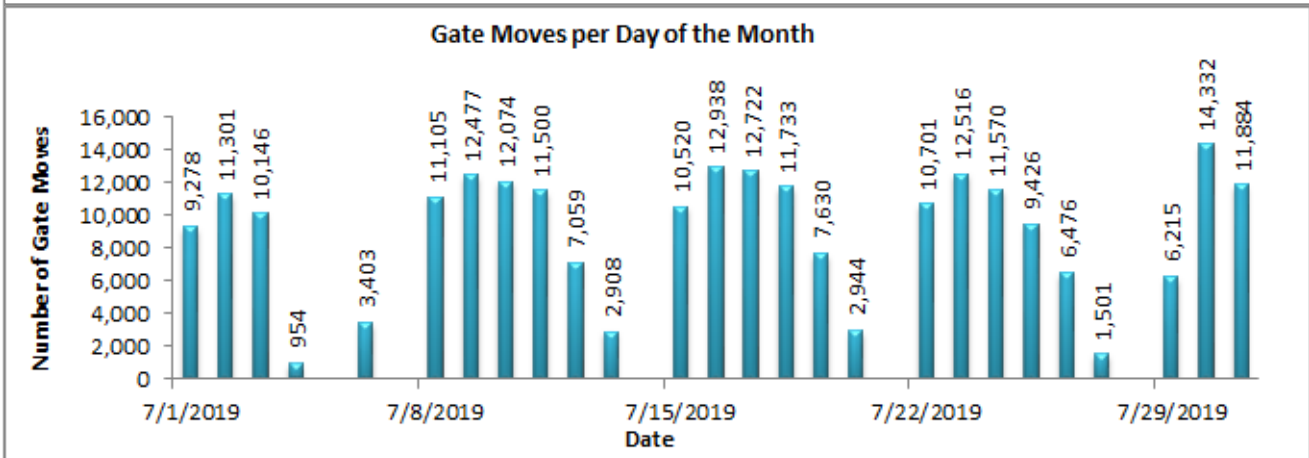
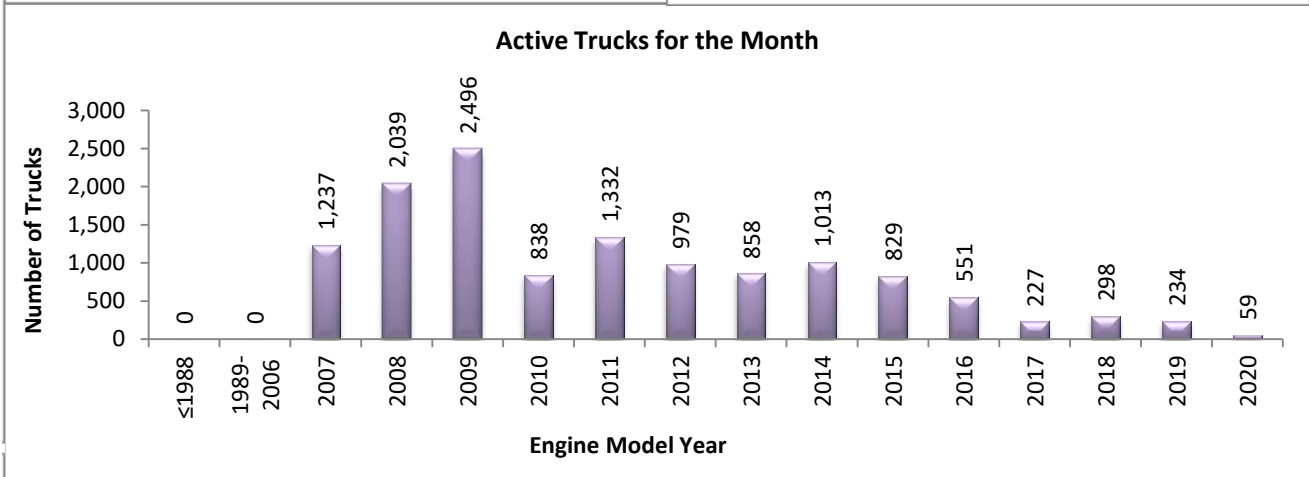
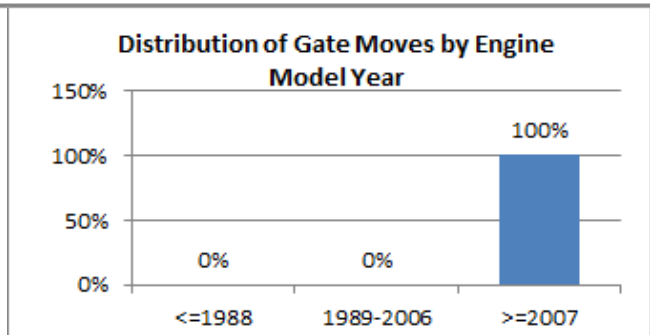
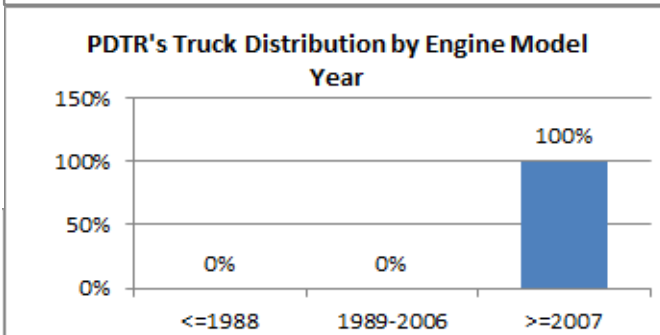
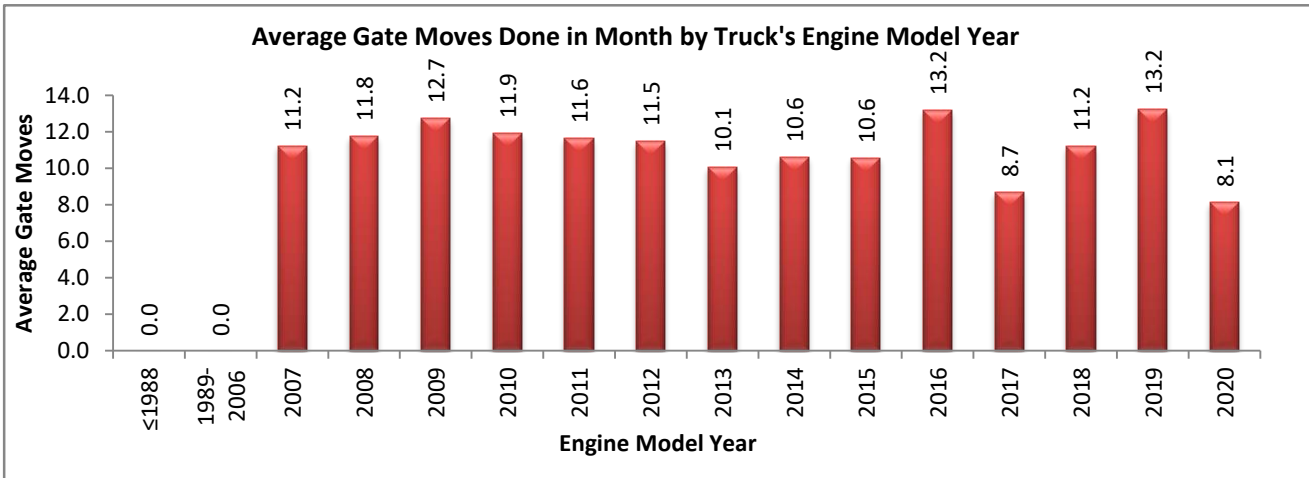
Engine Year	Trucks ⁴	Percent Trucks		Moves ⁵	Percent Moves		Moves per Truck ⁶	Active Trucks ⁷	
≤1988	0	0.00%	0.00%	0	0.00%	0.00%	0.0	0	0
1989-2006	0	0.00%	0.00%	0	0.00%	0.00%	0.0	0	0
2007	1,773	9.97%	100%	13,894	9.22%	100.00%	11.2	1,237	12,990
2008	2,738	15.40%		24,021	15.93%		11.8	2,039	
2009	3,406	19.16%		31,787	21.09%		12.7	2,496	
2010	1,176	6.61%		9,999	6.63%		11.9	838	
2011	1,757	9.88%		15,493	10.28%		11.6	1,332	
2012	1,345	7.56%		11,238	7.45%		11.5	979	
2013	1,164	6.55%		8,653	5.74%		10.1	858	
2014	1,365	7.68%		10,741	7.13%		10.6	1,013	
2015	1,103	6.20%		8,772	5.82%		10.6	829	
2016	724	4.07%		7,264	4.82%		13.2	551	
2017	356	2.00%		1,969	1.31%		8.7	227	
2018	454	2.55%		3,344	2.22%		11.2	298	
2019	340	1.91%		3,095	2.05%		13.2	234	
2020	80	0.45%		480	0.32%		8.1	59	
Typos/Blanks	0	0.00%	0.00%	0	0.00%	0.00%	0.0	0	0
Total	17,781	100.00%		150,750	100.00%		-	12,990	

PDTR's Truck Distribution by Engine Model Year



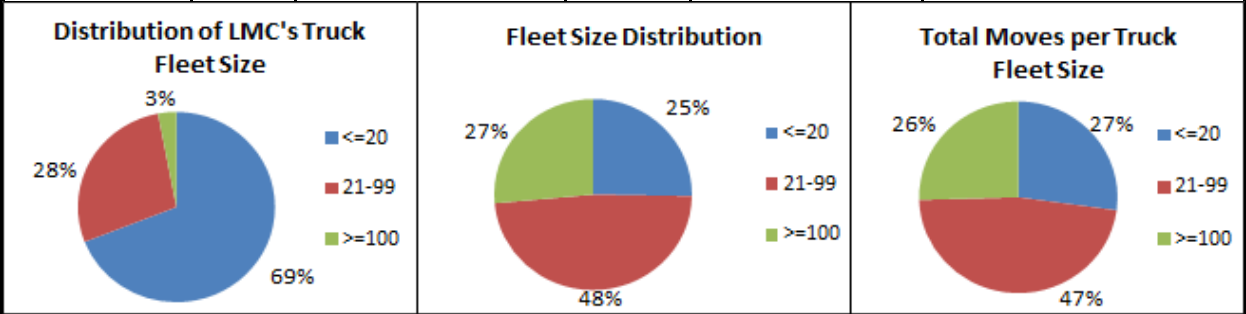
Distribution of Gate Moves by Engine Model Year for the Month





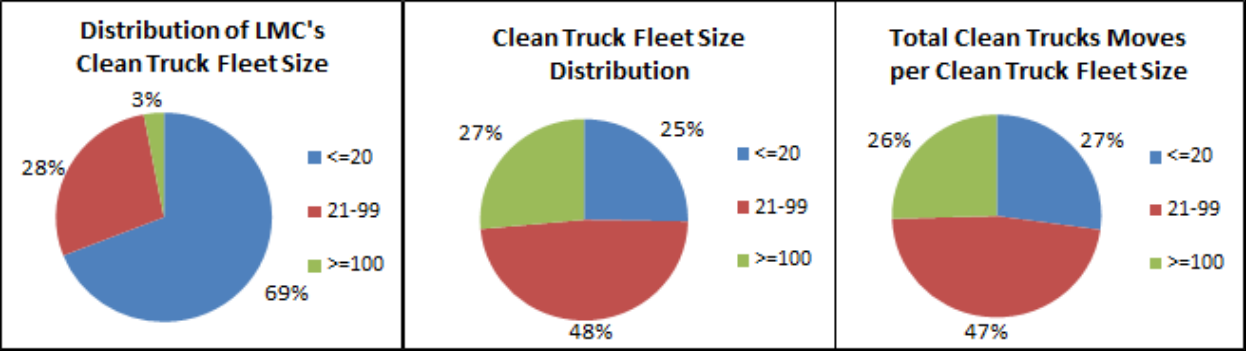
Total Gate Moves by Fleet Size

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	620	5,364	40,702	7.59	8.65
21-99	251	10,258	71,021	6.92	40.87
>=100	27	5,622	38,085	6.77	208.22
Total	898	21,244	149,808	7.05	23.66



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	620	5,364	40,702	7.59	8.65
21-99	251	10,258	71,021	6.92	40.87
>=100	27	5,622	38,085	6.77	208.22
Total	898	21,244	149,808	7.05	23.66



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.