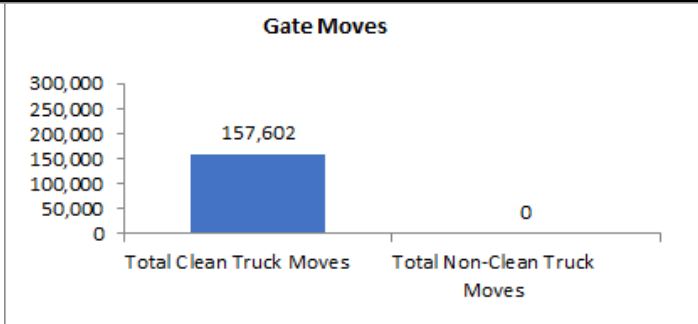
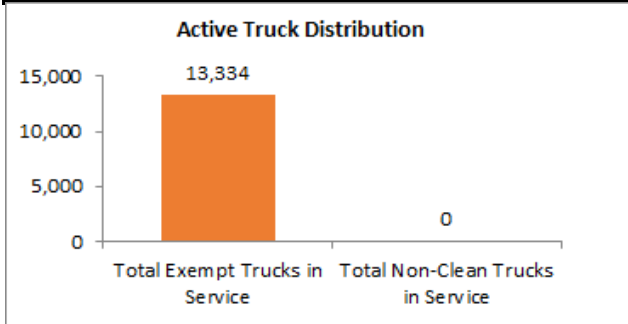


Port of Los Angeles - Clean Truck Program - Gate Move Data Analysis

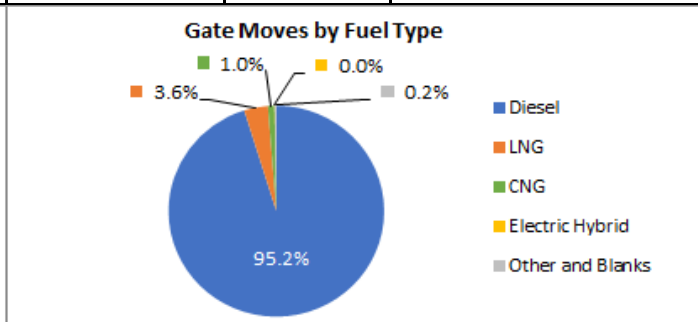
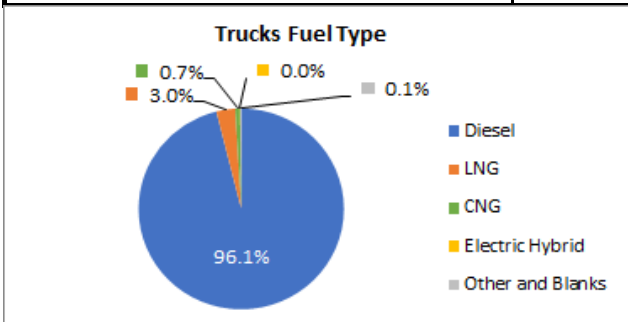
Report Period: 10/1/19 - 10/31/19

Overall Summary Data		More Information	
Total Gate Moves	398,861	PortCheck Data Range:	10/1/19 - 10/31/19
Total Full Container Moves	214,349	PDTR Date Collected:	10/31/19
Notes:			
Total Adjusted Full Container Gate Moves	161,824	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	157,602		
% Moves Uniquely Matched ²	97.4%		
Total Registered Trucks in PDTR	17,486	"Adjusted Full Container Gate Moves": Total of Full container gate moves with RFID and SCAC data.	
Total Trucks in Service	13,334		
% Total Trucks in Service	76.3%	"Clean Truck/Exempt Truck": 2007 compliant trucks exempt from Clean Truck Program fees. Not ARB DTR exempt.	
Total Registered Exempt Trucks	17,486		
Total Exempt Trucks in Service	13,334		
% Total Exempt Trucks in Service	76.3%	There is no normalized data since 97.4% "Full" moves are uniquely matched.	
Total Non-Clean Trucks in Service	0		
Total Clean Truck Moves	157,602	899 out of 1,134 Current concessionaires made gate moves.	
Total Non-Clean Truck Moves	0	POLA & POLB Combined Gate Move Summary	
Total LMCs that made move	899	Total Moves (all types) Matched	697,397
Total LMCs that made Clean Moves Only ³	899	Total Moves by Clean Trucks Only	697,397
Total LMCs that have Clean Trucks made move	899	Total Moves by Alternative Fuel	28,922



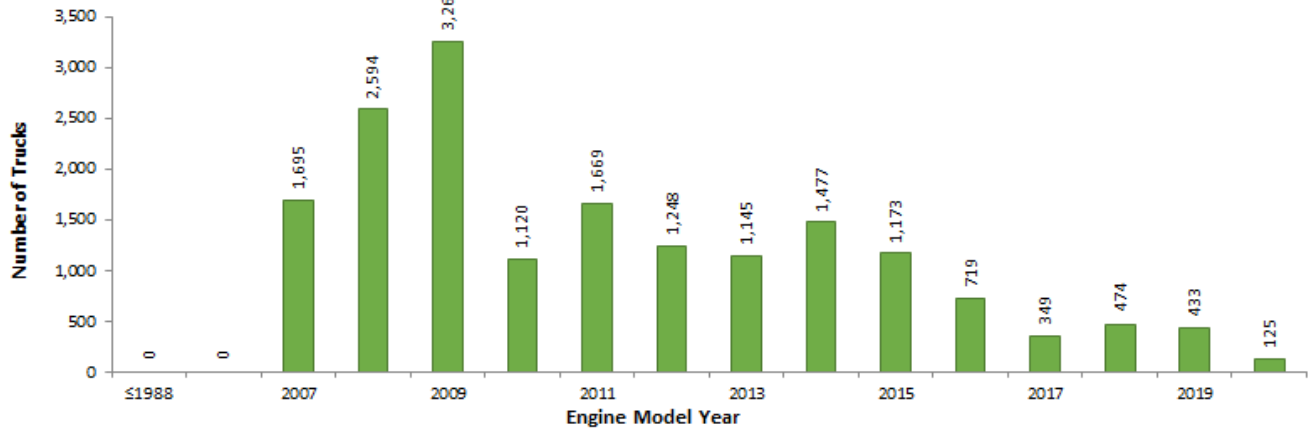
Truck Fuel Type Summary

Fuel Type	Trucks	Percent Trucks	Moves	Percent Moves
Diesel	16,804	96.1%	150,885	95.2%
LNG	518	3.0%	5,657	3.6%
CNG	130	0.7%	1,564	1.0%
Electric Hybrid	8	0.0%	43	0.0%
Other and Blanks	26	0.1%	374	0.2%
Total	17,486	-	158,523	-

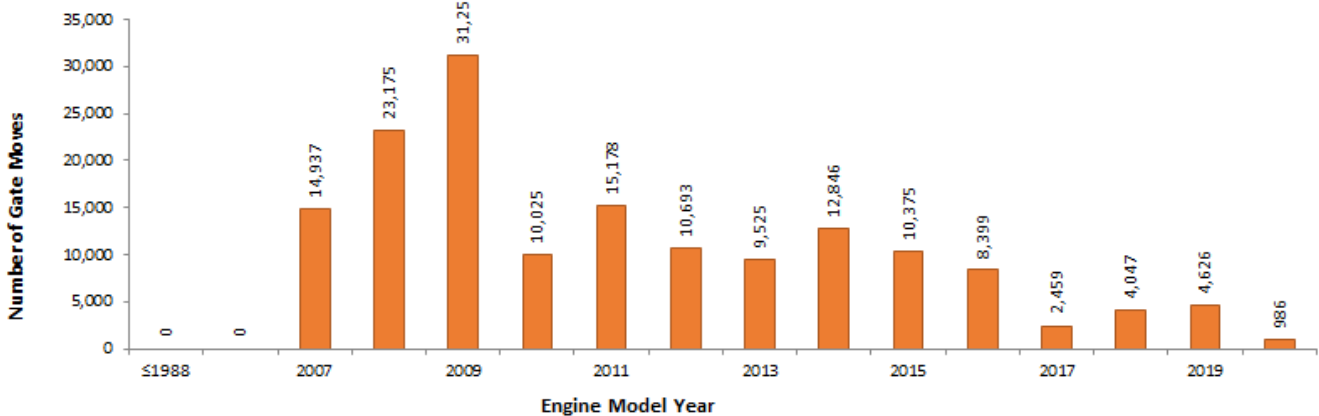


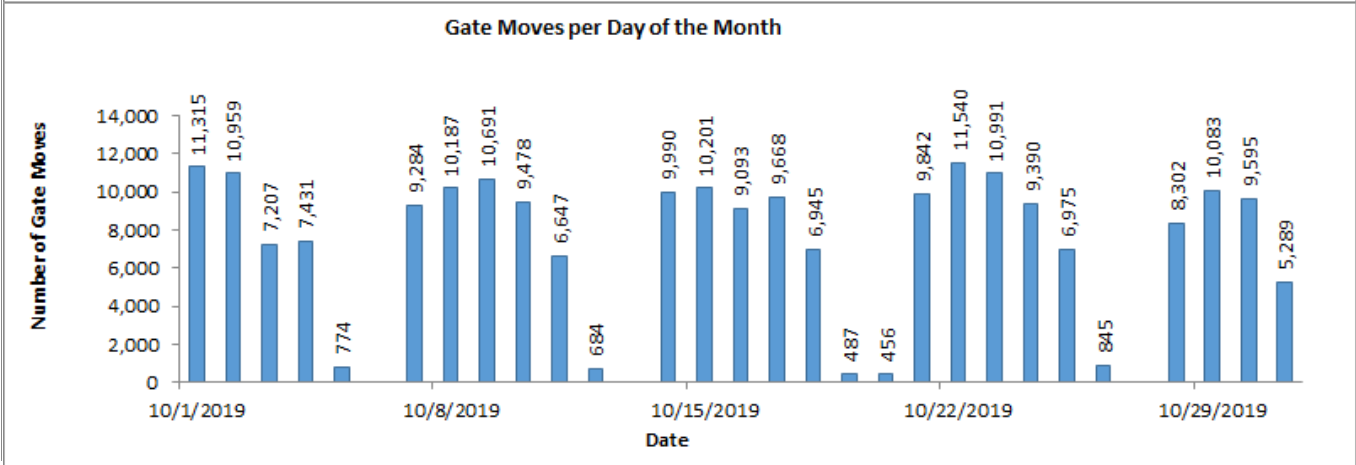
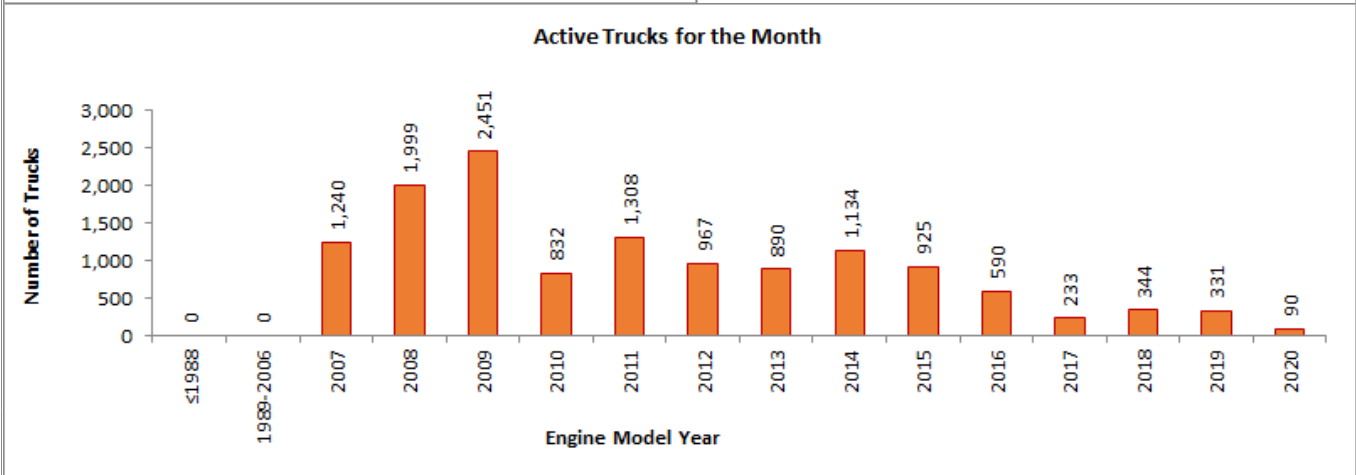
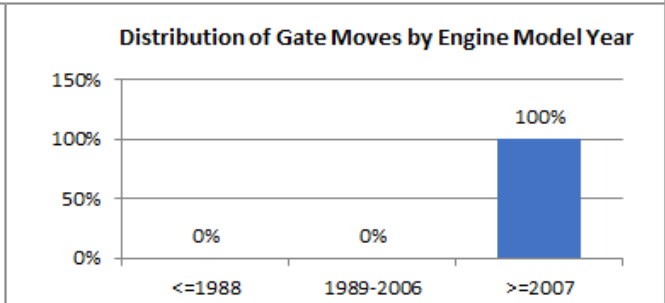
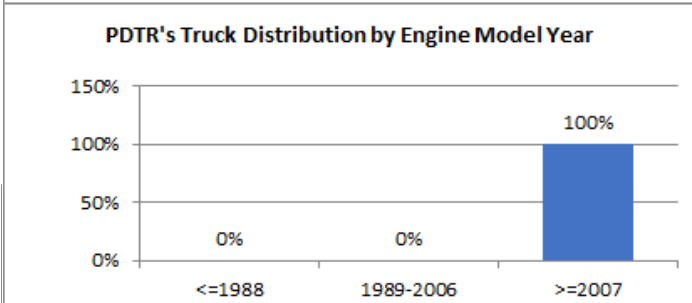
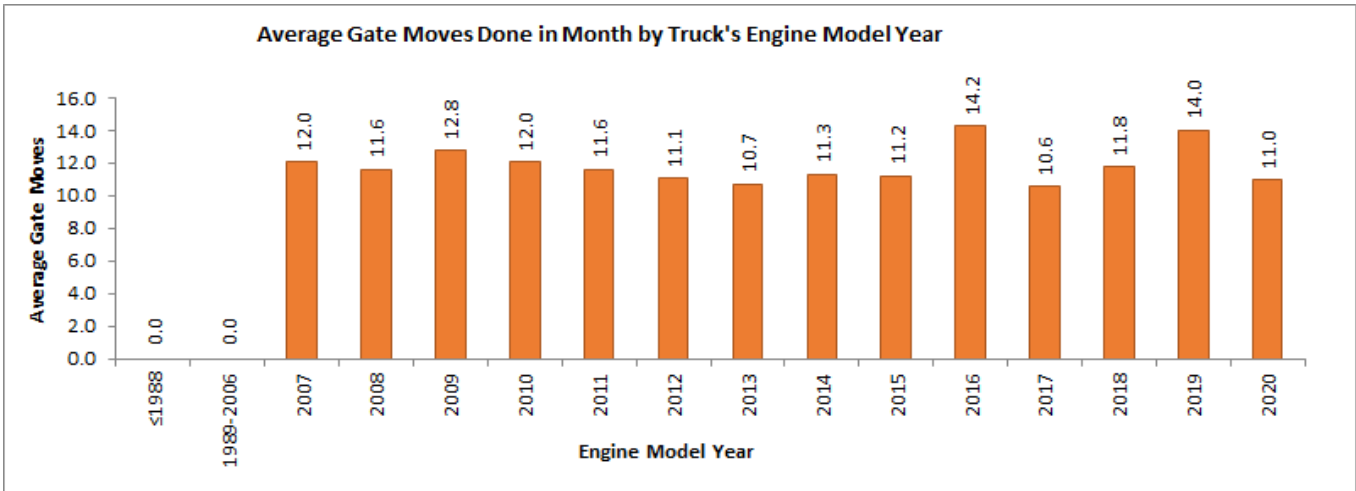
Engine Year	Trucks ⁴	Percent Trucks		Moves ⁵	Percent Moves		Moves per Truck ⁶	Active Trucks ⁷	
≤1988	0	0.00%	0.00%	0	0.00%	0.00%	0.0	0	0
1989-2006	0	0.00%	0.00%	0	0.00%	0.00%	0.0	0	0
2007	1,695	9.69%	100%	14,937	9.42%	100.00%	12.0	1,240	13,334
2008	2,594	14.83%		23,175	14.62%		11.6	1,999	
2009	3,265	18.67%		31,252	19.71%		12.8	2,451	
2010	1,120	6.41%		10,025	6.32%		12.0	832	
2011	1,669	9.54%		15,178	9.57%		11.6	1,308	
2012	1,248	7.14%		10,693	6.75%		11.1	967	
2013	1,145	6.55%		9,525	6.01%		10.7	890	
2014	1,477	8.45%		12,846	8.10%		11.3	1,134	
2015	1,173	6.71%		10,375	6.54%		11.2	925	
2016	719	4.11%		8,399	5.30%		14.2	590	
2017	349	2.00%		2,459	1.55%		10.6	233	
2018	474	2.71%		4,047	2.55%		11.8	344	
2019	433	2.48%		4,626	2.92%		14.0	331	
2020	125	0.71%	986	0.62%	11.0	90			
Typos/Blanks	0	0.00%	0.00%	0	0.00%	0.00%	0.0	0	0
Total	17,486	100.00%		158,523	100.00%		-	13,334	

PDTR's Truck Distribution by Engine Model Year



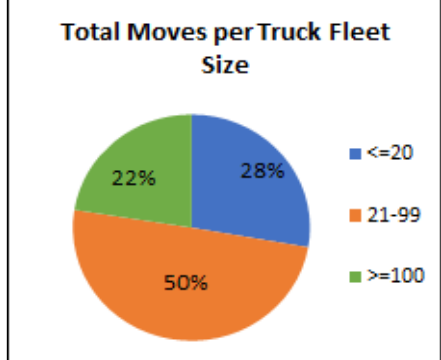
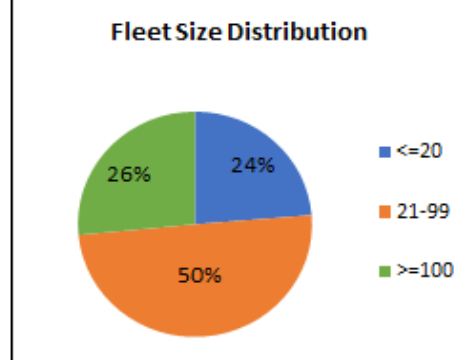
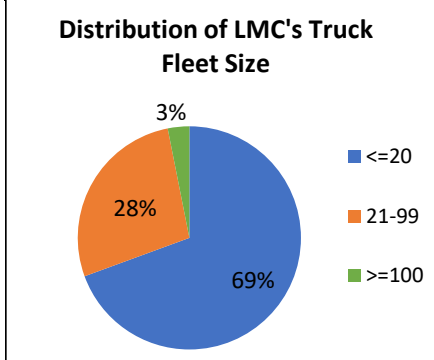
Distribution of Gate Moves by Engine Model Year for the Month





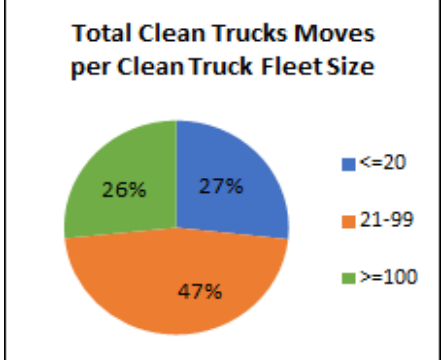
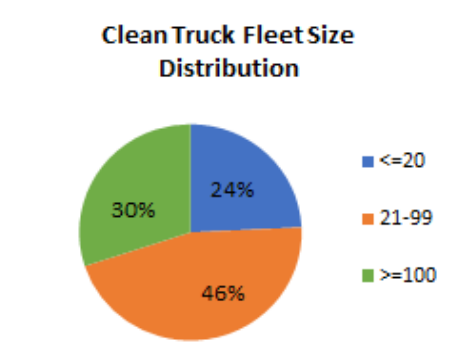
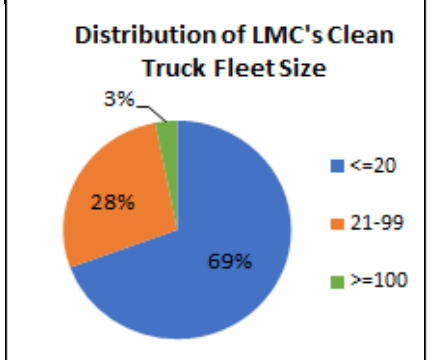
Total Gate Moves by Fleet Size

Fleet Size	LMCs	Total Fleet Size ⁸	Total Moves	Avg. Number of Moves per Fleet	Avg. Number of Trucks per LMC ¹⁰
<=20	624	5,293	42,144	7.96	8.48
21-99	247	9,980	73,545	7.37	40.40
>=100	28	6,561	41,913	6.39	234.32
Total	899	21,834	157,602	7.22	24.29



Gate Moves by Clean Truck Fleet Size

Clean Truck Fleet Size	LMCs	Total Clean Truck Fleet	Total Moves by	Avg. Number of "Clean Moves"	Avg. Number of Clean Trucks per LMC ¹³
<=20	624	5,293	42,144	7.96	8.48
21-99	247	9,980	73,545	7.37	40.40
>=100	28	6,561	41,913	6.39	234.32
Total	899	21,834	157,602	7.22	24.29



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.