



Palm Beach County Trip Generation Rates

Cat.	Landuse	ITE Code	Unit	Daily Rate/Equation	Pass-By %	AM Peak Hour		PM Peak Hour	
						In/Out	Rate/Equation	In/Out	Rate/Equation
Industrial	Light Industrial	110	1000 S.F.	6.97	10%	88/12	0.92	12/88	0.98
	Warehouse	150	1000 S.F.	4.96	10%	79/21	$\text{Ln}(T) = 0.55 \text{Ln}(X) + 1.88$	25/75	$\text{Ln}(T) = 0.64 \text{Ln}(X) + 1.14$
	Mini-Warehouse/SS	151	1000 S.F.	2.50	10%	59/41	0.15	51/49	0.26
Residential	Single Family Detached	210	Dwelling Unit	10	0%	25/75	0.75	63/37	$\text{Ln}(T) = 0.90 \text{Ln}(X) + 0.51$
	Apartment	220	Dwelling Unit	7	0%	20/80	$T = 0.49(X) + 3.73$	65/35	0.62
	Condo/TH (Fee Simple)	230	Dwelling Unit	7	0%	17/83	$\text{Ln}(T) = 0.80 \text{Ln}(X) + 0.26$	67/33	$\text{Ln}(T) = 0.82 \text{Ln}(X) + 0.32$
	55+ SF Detached ^a	251	Dwelling Unit	8	0%	38/62	0.41	61/39	0.51
	55+ SF Attached ^b	252	Dwelling Unit	6	0%	38/62	0.28	61/39	0.32
	Congregate Care Facility	253	Beds	2.15	0%	59/41	0.06	55/45	0.17
	Assisted Living Facility	254	Beds	2.66	0%	65/35	0.14	44/56	0.22
	Time Share	265	Dwelling Unit	$\text{Ln}(T) = 1.06 \text{Ln}(X) + 2.01$	0%	21/79	$\text{Ln}(T) = 1.16 \text{Ln}(X) - 1.41$	65/35	$\text{Ln}(T) = 1.01 \text{Ln}(X) - 0.31$
	Hotel	310	Rooms	8.92	10%	58/42	0.67	49/51	0.7
	Movie Theater	444	Seats	1.76	5%	N/A	0	60/40	0.144
Rec	Health Club	492	1000 S.F.	32.93	5%	42/58	1.21	51/49	4.05
	Elementary School	520	Students	1.29	0%	55/45	0.45	49/51	0.15
Institutional	Middle/Junior School	522	Students	1.62	0%	55/45	0.54	49/51	0.16
	High School	530	Students	1.71	0%	68/32	0.42	47/53	0.13
	Private School (K-8)	534	Students	Use Private K-12 rate	0%	55/45	0.90	47/53	0.19
	Private School (K-12)	536	Students	2.48	0%	61/39	0.81	43/57	0.17
	Church/Synagogue ^c	560	1000 S.F.	9.11	5%	62/38	0.56	48/52	0.55
	Day Care	565	1000 S.F.	79.26	50%	53/47	12.26	47/53	12.49
	Library	590	1000 S.F.	54.00	10%	71/29	1.04	48/52	7.30
	Hospital	610	1000 S.F.	16.78	10%	59/41	1.12	42/58	1.14
	Nursing Home	620	beds	2.37	10%	69/31	0.17	33/67	0.22
	General Office	710	1000 S.F.	$\text{Ln}(T) = 0.77 \text{Ln}(X) + 3.65$	10%	88/12	$\text{Ln}(T) = 0.80 \text{Ln}(X) + 1.55$	17/83	$\text{Ln}(T) = 0.74 \text{Ln}(X) + 1.83^d$
Office	Medical Office	720	1000 S.F.	36.13	10%	79/21	2.30	27/73	$\text{Ln}(T) = 0.88 \text{Ln}(X) + 1.59$
	Medical Office (Reduced) ^e	PBC	1000 S.F.	18.07	10%	79/21	1.15	27/73	$T = 1/2 \text{ Med. Office PM}$
	Government Office	730	1000 S.F.	68.93	10%	Use AM/PM Ratio for Gen. Office		31/69	1.21



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Retail	Nursery (Wholesale)	818	acre	4.50	0%	N/A	0.26	N/A	0.45
	Gen. Commercial	820	1000 S.F.	$\ln(T) = .64 \ln(X) + 5.87^f$	Note g	61/39	1.00	48/52	$\ln(T) = 0.67 \ln(X) + 3.47^h$
	New Car Sales	841	1000 S.F.	37.50	15%	74/26	2.03	39/61	2.59
	Pharmacy + DT	881	1000 S.F.	92.70	50%	57/43	2.66	50/50	10.35
	Drive-In Bank ^l	912	1000 S.F.	265.21	63%	56/44	12.35	50/50	25.82
	Quality Restaurant	931	1000 S.F.	89.95	25%	N/A	0.81	67/33	7.49
	High Turnover Sit-Down Rest.	932	1000 S.F.	130.34	10%	52/48	11.52	59/41	11.15
	Fast Food Restaurant w/o DT	933	1000 S.F.	396.90	45%	51/49	43.87	52/48	26.15
Services	Fast Food Restaurant + DT	934	1000 S.F.	496.12	60%	51/49	49.35	52/48	33.84
	Coffee/Donut Shop w/o DT	936	1000 S.F.	841.48	60%	51/49	117.23	50/50	40.75
	Coffee/Donut Shop + DT	937	1000 S.F.	818.58	60%	51/49	110.75	52/48	42.93
	Gas Station	944	Pump	168.56	70%	50/50	12.16	50/50	13.87
	Convenience Store	851	1000 S.F.	737.99	70%	50/50	67.03	51/49	52.41
	Carwash (Automated)	PBC	lane	166.00	0%	50/50	11.89	50/50	13.65

FOOTNOTES: a) Based on a PBC trip generation study of 55+ single family detached housing in the early 1980's.
b) Peak hour rates for 55+ Single Family Attached were derived from ITE rates for 55+ Detached and the ratio between the peak hour rates for Unrestricted Single Family Detached and Attached.
c) Weekend peak hour rate = 11.76 per 1,000 s.f. with a 50/50 directional split
d) PM Peak hour equation from ITE 5th Edition
e) To be used only when adjacent to hospital, for Med. Office square footage not to exceed 44% of the hospital square footage
f) For intensities under 10,000 s.f., use a rate of 155.09 / 1,000 SF instead of the equation.
g) Pass-by percent = 71% for 10,000 sf or less, otherwise = $94.49 - 11.61 * \ln(A)$ where A is 1,000 s.f. of leasable area
h) For densities under 10,000 s.f., use a rate of 13.7 / 1,000 sf instead of the equation.
i) Use these rates for a drive-in bank with up to 4 drive-thru lanes (excl. ATM lane). For additional drive-thru lanes, use per lane rates from ITE Code 912 (411.17 daily, 19:38 AM, 51.08 PM. Use same in/out splits)
j) Daily rate taken from PBC trip gen. study. Peak hour rates derived by applying peak to daily ratios for gas station to daily carwash rate