

Palm Beach County Trip Generation Rates

(Effective with traffic studies submitted to the County on or after 4/15/2019)

Gr	Landuse	ITE		Daily Rate/Equation	Pass-By %	In/Out	AM Peak Hour		PM Peak Hour	
		Code	Unit				Rate/Equation	In/Out	Rate/Equation	In/Out
Industrial	Light Industrial	110	1000 S.F.	4.96	10%	88/12	0.7	13/87	0.63	
	Warehouse	150	1000 S.F.	1.74	10%	77/23	0.17	27/73	0.19	
	Flex Space - IND FLU	PBC	1000 S.F.	7.86	10%	64/36	1.53	40/60	1.21	
	Flex Space - COM FLU	PBC	1000 S.F.	29.67	45%	72/28	2.12	40/60	2.67	
	Mini-Warehouse/SS	151	1000 S.F.	1.51	10%	60/40	0.1	47/53	0.17	
Residential	Single Family Detached	210	Dwelling Unit	10	0%	25/75	0.74	63/37	$\ln(T) = 0.96 \ln(X) + 0.20$	
	Multifamily Low-Rise Housing upto 2 story (Apartment/Condo/TH)	220	Dwelling Unit	7.32	0%	23/77	0.46	63/37	0.56	
	Multifamily Mid-Rise Housing 3-10 story (Apartment/Condo/TH)	221	Dwelling Unit	5.44	0%	26/74	0.36	61/39	0.44	
	55+ SF Detached	251	Dwelling Unit	4.27	0%	33/67	0.24	61/39	0.30	
	55+ SF Attached	252	Dwelling Unit	3.7	0%	35/65	0.2	55/45	0.26	
	Congregate Care Facility	253	Dwelling Unit	2.02	0%	60/40	0.07	53/47	0.18	
	Assisted Living Facility	254	Beds	2.6	0%	63/37	0.19	38/62	0.26	
Ldg	Hotel	310	Rooms	8.36	10%	59/41	0.47	51/49	0.6	
Rec	Movie Theater	444	Seats	1.76	5%	N/A	0	55/45	0.09	
	Health Club	492	1000 S.F.	32.93	5%	50/50	1.41	57/43	3.53	
Institutional	Elementary School	520	Students	1.89	0%	54/46	0.67	48/52	0.17	
	Middle/Junior School	522	Students	2.13	0%	54/46	0.58	49/51	0.17	
	High School	530	Students	2.03	0%	67/33	0.52	48/52	0.14	
	Private School (K-8)	534	Students	Use Private K-12 rate	0%	55/45	0.91	46/54	0.26	
	Private School (K-12)*	536	Students	2.48	0%	61/39	0.80	43/57	0.17	
	Church/Synagogue ^a	560	1000 S.F.	6.95	5%	60/40	0.33	45/55	0.49	
	Day Care	565	Students	4.09	50%	53/47	0.78	47/53	0.79	
	Library	590	1000 S.F.	72.05	10%	71/29	1	48/52	8.16	
Med	Hospital	610	1000 S.F.	10.72	10%	68/32	0.89	32/68	0.97	
	Nursing Home	620	Beds	3.06	10%	72/28	0.17	33/67	0.22	
Office	General Office (>5,000 SF GFA)	710	1000 S.F.	$\ln(T) = 0.97 \ln(X) + 2.50$	10%	86/14	$T = 0.94(X) + 26.49$	16/84	1.15	
	Small Office Building (<=5,000 SF GFA)	712	1000 S.F.	16.19	10%	83/18	1.92	32/68	2.45	
	Medical Office	720	1000 S.F.	34.8	10%	78/22	2.78	28/72	3.46	
	Medical Office (Reduced) ^b	PBC	1000 S.F.	17.4	10%	78/22	1.39	28/72	1.73	
	Government Office	730	1000 S.F.	22.59	10%	75/25	3.34	25/75	1.71	

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						In/Out	Rate/Equation	In/Out	Rate/Equation
Retail	Nursery (Garden Center)	817	Acre	108.1	0%	N/A ⁱ	2.82	N/A ⁱ	8.06
	Nursery (Wholesale)	818	Acre	19.5 ^c	0%	N/A ⁱ	0.26	N/A ⁱ	0.45
	Landscape Services	PBC	Acre ^m	121.70	0%	40/60	34.4	58/42	15.1
	Gen. Commercial	820	1000 S.F.	$\text{Ln}(T) = 0.68 \text{Ln}(X) + 5.57^{\text{d}}$	Note e	62/38	0.94	48/52	$\text{Ln}(T) = 0.74 \text{Ln}(X) + 2.89^{\text{f}}$
	Automobile Sales (New)	840	1000 S.F.	27.84	15%	73/27	1.87	40/60	2.43
	Automobile Parts Sales	843	1000 S.F.	55.34	28%	55/45	2.59	48/52	4.91
	Tire Store	848	1000 S.F.	28.52	28%	64/36	2.72	43/57	3.98
	Pharmacy + DT	881	1000 S.F.	109.16	50%	53/47	3.84	50/50	10.29
Services	Drive-In Bank ^g	912	1000 S.F.	100.03	47%	58/42	9.5	50/50	20.45
	Quality Restaurant	931	1000 S.F.	83.84	44%	50/50	0.73	67/33	7.8
	High Turnover Sit-Down Rest.	932	1000 S.F.	112.18	43%	55/45	9.94	62/38	9.77
	Fast Food Restaurant w/o DT	933	1000 S.F.	346.23	45%	60/40	25.1	50/50	28.34
	Fast Food Restaurant + DT	934	1000 S.F.	470.95	49%	51/49	40.19	52/48	32.67
	Coffee/Donut Shop w/o DT	936	1000 S.F.	686.67 ^h	45%	51/49	101.14	50/50	36.31
	Coffee/Donut Shop + DT	937	1000 S.F.	820.38	49%	51/49	88.99	50/50	43.38
	Gas Station w/Convenience Store ⁱ	FDOT	FP, 1000 S.F.	14.3*PM Trips	61%	50/50	Note j	50/50	12.3*FP+15.5*(X)
Carwash (Automated) ^k	PBC	Lane	166.00	0%	50/50	11.97	50/50	13.65	

Modification History
3/26/2019: First published
3/2/2020: Added Landscape Services, modification history, edited formatting,

Footnotes

- a) Weekend peak hour rate = 9.99 per 1,000 s.f. with a 48/52 directional split
- b) To be used only when adjacent to hospital, for Med. Office square footage not to exceed 44% of the hospital square footage
- c) Use caution when using because of very low sample data. Consult with the County before using.
- d) For intensities under 10,000 s.f., use a rate of 125.61 / 1,000 S.F. instead of the equation.
- e) Pass-by percent = 62% for 10,000 s.f. or less, otherwise = $83.18 - 9.30 * \text{Ln}(A)$ where A is 1,000 s.f. of leasable area
- f) For intensities under 10,000 s.f., use a rate of 9.9 / 1,000 s.f. instead of the equation.
- g) 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 (124.76 daily, 8.83 AM, 27.15 PM. Use same in/out splits)
- h) ITE rate NA. Rate derived using PM to Daily ratio for ITE Code 937
- i) FP=Fueling Position. Use both FP and Convenience Store size in estimating trips using the provided equation. Note that no internalization between the gas pumps and convenience store, as per ULDC Article 12, should be applied to estimate the net trips.
- j) Use PM rates
- k) 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
- l) Assume 50/50
- m) Landscape Services acreage consists of overnight vehicle and equipment storage as well as areas (covered or uncovered) for chemicals, fertilizers, landscape materials (excluding plants) and other items needed for day-to-day operations. Not included are drive aisles, customer/employee parking, structures shared by nursery and landscape services, facilities that solely serve the onsite landscape activities or any nursery growing areas.