INSTITUTE OF TRANSPORTATION ENGINEERS COMMON TRIP GENERATION RATES (PM Peak Hour)

(Trip Generation Manual, 9th Edition)

			Trips Per				Trips Per
Code	Description	Unit of Measure	Unit	Cod	le Description	Unit of Measure	Unit
PORT	AND TERMINAL						
30	Truck Terminal	Acres	6.55	432	2 Golf Driving Range	Tees / Driving Positions	1.25
90	Park and Ride Lot with Bus Service	Parking Spaces	0.62	433	3 Batting Cages	Cages	2.22
INDUS	STRIAL			435	5 Multi-Purpose Recreational Facility	Acres	5.77
110	General Light Industrial	1,000 SF	0.97	437	7 Bowling Alley	1,000 SF	1.71
120	General Heavy Industrial	Acres	2.16	441	1 Live Theater	Seats	0.02
130	Industrial Park	1,000 SF	0.85	443	3 Movie Theater without Matinee	1,000 SF	6.16
140	Manufacturing	1,000 SF	0.73	444	4 Movie Theater with Matinee	1,000 SF	3.80
150	Warehousing	1,000 SF	0.32	445	5 Multiplex Movie Theater	1,000 SF	4.91
151	Mini-Warehouse	1,000 SF	0.26	452	2 Horse Race Track	Acres	4.30
152	High-Cube Warehouse	1,000 SF	0.12	454	4 Dog Race Track	Attendance Capacity	0.15
	Utilities	1,000 SF	0.76	460		Acres	3.33
	ENTIAL			473		1,000 SF	13.43
210	Single-Family Detached Housing	Dwelling Units	1.00	480	0 Amusement Park	Acres	3.95
	Apartment	Dwelling Units	0.62	488	8 Soccer Complex	Fields	17.70
221	Low-Rise Apartment	Dwelling Units	0.58	490		Courts	3.88
230	Residential Condominium / Townhouse	Dwelling Units	0.52	491	1 Racquet / Tennis Club	Courts	3.35
240	Mobile Home Park	Dwelling Units	0.59	492	2 Health / Fitness Club	1,000 SF	3.53
251	Senior Adult Housing - Detached	Dwelling Units	0.27	493	3 Athletic Club	1,000 SF	5.96
252	Senior Adult Housing - Attached	Dwelling Units	0.25	495	5 Recreational Community Center	1,000 SF	1.45
253	Congregate Care Facility	Dwelling Units	0.17		TITUTIONAL		
	Assisted Living	Beds	0.22	520	D Elementary School	1,000 SF	1.21
255	Continuing Care Retirement Community	Dwelling Units	0.16	522		1,000 SF	1.19
LODG	ING			530	- 5	1,000 SF	0.97
310	Hotel	Rooms	0.60	536	6 Private School (K-12)	Students	0.17
	Motel	Rooms	0.47	540	0 Junior / Community College	1,000 SF	2.54
330	Resort Hotel	Rooms	0.42	560		1,000 SF	0.55
RECR	EATIONAL		*	565	5 Daycare Center	1,000 SF	12.46
411	City Park	Acres	0.19	566	6 Cemetery	Acres	0.84
412	County Park	Acres	0.09 *	571	1 Prison	1,000 SF	2.91
413	State Park	Acres	0.07	580	0 Museum	1,000 SF	0.18
415	Beach Park	Acres	1.30	590		1,000 SF	7.30
416	Campground / Recreation Vehicle Park	Camp Sites	0.27	591		Members	0.03
417	Regional Park	Acres	0.20	MEC	DICAL		
420	Marina	Berths	0.19	61(0 Hospital	1,000 SF	0.93
430	Golf Course	Acres	0.30	620		1,000 SF	0.74
431	Miniature Golf Course	Holes	0.33	630		1,000 SF	5.18
				64(0 Animal Hospital / Veterinary Clinic	1,000 SF	4.72

			Trips Per				
Code	Description	Unit of Measure	Unit				
OFFICE							
710	General Office Building	1,000 SF	1.49				
714	Corporate Headquarters Building	1,000 SF	1.41				
715	Single Tenant Office Building	1,000 SF	1.74				
720	Medical-Dental Office Building	1,000 SF	3.57				
730	Government Office Building	1,000 SF	1.21				
732	United States Post Office	1,000 SF	1.22				
733	Government Office Complex	1,000 SF	2.85				
750	Office Park	1,000 SF	1.48				
760	Research and Development Center	1,000 SF	1.07				
770	Business Park	1,000 SF	1.29				
RETA	IL .						
	Building Materials and Lumber Store	1,000 SF	4.49				
813	Free-Standing Discount Superstore	1,000 SF	4.35				
814	Variety Store	1,000 SF	6.82				
815	Free Standing Discount Store	1,000 SF	4.98				
816	Hardware / Paint Store	1,000 SF	4.84				
817	Nursery (Garden Center)	1,000 SF	6.94				
818	Nursery (Wholesale)	1,000 SF	5.17				
820	Shopping Center	1,000 SF	3.71				
823	Factory Outlet Center	1,000 SF	2.29				
826	Specialty Retail Center	1,000 SF	2.71				
841	New Car Sales	1,000 SF	2.62				
842	Recreational Vehicle Sales	1,000 SF	2.54				
843	Automobile Parts Sales	1,000 SF	5.98				
	Tire Store	1,000 SF	4.15				
	Supermarket	1,000 SF	9.48				
851	Convenience Market (Open 24 Hours)	1,000 SF	52.41				
852	Convenience Market (Open 15-16 Hours)	1,000 SF	34.57				
853	Convenience Market with Gasoline Pumps	1,000 SF	50.92				
854	Discount Supermarket	1,000 SF	8.34				
857	Discount Club	1,000 SF	4.18				
860	Wholesale Market	1,000 SF	0.88				
861	Sporting Goods Superstore	1,000 SF	1.84				
862	Home Improvement Superstore	1,000 SF	2.33				
863	Electronics Superstore	1,000 SF	4.50				
864	Toy / Children's Superstore	1,000 SF	4.99				
866	Pet Supply Superstore	1,000 SF	3.38				
867		1,000 SF	3.40				
875	Department Store	1,000 SF	1.87				

			Trips Per
Code	Description	Unit of Measure	Unit
876	Apparel Store	1,000 SF	3.83
879	Arts and Craft Store	1,000 SF	6.21
880	Pharmacy / Drugstore without Drive-	1,000 SF	8.4
	Through Window		
004	Pharmacy / Drugstore with Drive-Through	1 000 00	0.01
881	Window	1,000 SF	9.91
890	Furniture Store	1,000 SF	0.45
896	DVD/Video Rental Store	1,000 SF	13.60
SERV			
911	Walk-In Bank	1,000 SF	12.13
912	Drive-In Bank	1,000 SF	24.30
918	Hair Salon	1,000 SF	1.93
925	Drinking Place	1,000 SF	11.34
931	Quality Restaurant	1,000 SF	7.49
932	High-Turnover (Sit-Down) Restaurant	1,000 SF	11.15
933	Fast Food Restaurant without Drive- Through Window	1,000 SF	26.15
934	Fast Food Restaurant with Drive-Through Window	1,000 SF	33.84
935	Fast Food Restaurant with Drive-Through Window and No Indoor Seating	1,000 SF	153.85
936	Coffee / Donut Shop without Drive-Through Window	1,000 SF	40.75
937	Coffee / Donut Shop with Drive-Through Window	1,000 SF	42.8
938	Coffee / Donut Shop with Drive-Through Window and No Indoor Seating	1,000 SF	75
940	Bread / Donut / Bagel Shop with Drive- Through Window	1,000 SF	18.99
941	Quick Lubrication Vehicle Shop	Service Bays	5.19
942	Automobile Care Center	1,000 SF	3.11
943	Automobile Parts and Service Center	1,000 SF	4.46
944	Gasoline / Service Station	Fueling Positions	13.87
945	Gasoline / Service Station with	Fueling Positions	13.51
545	Convenience Market	r dening r ositions	10.01
946	Gasoline / Service Station with Convenience Market and Car Wash	Fueling Positions	13.94
947	Self Service Car Wash	Stalls	5.54
948	Automated Car Wash	1,000 SF	14.12
950	Truck Stop	1,000 SF	13.63

Note: All land uses in the 800 and 900 series are entitled to a "passby" trip reduction of 60% if less than 50,000 ft² or a reduction of 40% if equal to or greater than 50,000 ft².

* Approximated by 10% of Weekday average rate.