

Downtown Rockville Parking Study Rockville, Maryland

Parking turnover data was collected at two parking structures in Rockville for Montgomery County government. These two structures provided parking for County employees and visitors. Parking data, including number of parking spaces, parking turnover and accumulation, was collected over several days to determine existing parking demand for the visitors to the County offices. The data was utilized to identify the needed parking supply for the visitors. The other parking data will be utilized to determine parking demand for county employees.

Dependent Variables	Relationship	R ²	Notes:- S -- Square Feet / 1000 E -- EMPL / SQ.FT/1000 TA - Percent Transit AM OA - Auto Occupancy AM TP - Percent Transit PM OP - Auto Occupancy PM
Parked Cars	$32.52 + 1.64 S$	0.77	
Veh. Trips/1000Sq.ft AM	$0.66 + 0.167 E$	0.063	
Veh. Trips/1000Sq.ft AM	$0.75 + 0.16 E - 0.01 TA$	0.08	
Veh. Trips/1000Sq.ft AM	$0.16 E + 1.52 OA - 0.01 TA - 0.94$	0.158	
Veh. Trips/1000Sq.ft PM	$0.79 + 0.104 E$	0.033	
Veh. Trips/1000Sq.ft PM	$0.62 + 0.122 E + 0.01 TP$	0.084	
Veh. Trips/1000Sq.ft PM	$0.37 + 0.101 E + 0.012 TP + 0.250 OP$	0.104	
Cars / Sq.ft / 1000	$1.965 + 0.023 E$	0.002	
Cars / Sq.ft / 1000	$2.117 + 0.0109 E - 0.016 TA$	0.049	
Cars / Sq.ft / 1000	$0.0177 E + 2.684 OA - 0.013 TP - 0.876$	0.34	
Cars / Sq.ft / 1000	$2.0187 + 0.0182 E - 0.0038 TP$	0.006	
Cars / Sq.ft / 1000	$1.999 + 0.0166 E + 0.0191 OP - 0.0038 TP$	0.006	