# APPENDIX D PARKING DEMAND MODELS

#### **Dover DE - Current Conditions**

															<mark>PER USE PE</mark>									
												Tir	ne of Day D	istribution	s - Percent o	of Peak Per	riod							
				TOTAL#																				
Land Use	Avg Park	ing Ratio	UNITS	Parking	12-4 am	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM
				Spots																				
	From ITE Parking Generation N	/lanual, 4th Ed, (2010)	From City of Dover and XXX																					
Low- and Mid-Rise Apartments	1.4		133	186	186	179	171	138	119	0	0	0	0	0	0	0	82	110	128	123	140	143	171	175
	per dwelling unit				100	96	92	74	64	0	0	0	0	0	0	0	44	59	69	66	75	77	92	94
General Office	2.84	1.1	100000	284	0	0	0	168	224	270	284	278	256	219	<b>2</b> 39	230	204	131	71	0	0	0	0	0
(average ITE rate for common land uses)	per ksf	per employee			0	0	0	59	79	95	100	98	90	77	84	81	72	46	25	0	0	0	0	0
Government Office	2.84	1.1	189812	539	528	539	453	334	221	183	173	167	162	167	178	199	243	3 <b>2</b> 9	372	388	431	480	496	507
	per ksf	per employee			98	100	84	62	41	34	32	31	30	31	33	37	45	61	69	72	80	89	92	94
Rental Townhouse	1.7		44	75	73	75	63	46	31	25	24	<b>2</b> 3	22	23	<b>2</b> 5	28	34	46	52	54	60	67	69	70
	per dwelling unit				98	100	84	62	41	34	32	31	30	31	33	37	45	61	69	72	80	89	92	94
General Retail	2.65		156228	414	0	0	0	37	66	228	236	348	348	344	389	373	335	385	414	385	397	360	0	0
(average ITE rate for common land uses)	per ksf GLA				0	0	0	9	16	55	57	84	84	83	94	90	81	93	100	93	96	87	0	0
					For Decem	nber (Peak r	etail)																	
		TOT	AL # REQUIRED =	1498	788	793	687	<b>72</b> 3	661	706	716	816	788	753	830	830	898	1000	1037	950	1028	1050	736	752

CALCULATED PEAK OCCUPANCY = 85%

Residential	260	254	234	184	150	25	24	23	22	23	25	28	116	155	180	177	199	210	240	245
Office	528	539	453	502	445	453	457	445	417	386	416	429	447	459	443	388	431	480	496	507

45% 45% 39% 41% 38% 40% 41% 46% 45% 43% 47% 47% 51% 57% 59% 54% 58% 60% 42% 43%

#### Dover DE - Future Development Conditions - 1

No additional parking provided by development

				TOTAL #																				
Land Use	Avg Parking	Ratio	UNIT	Parking Spots	12-4 am	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM
	From ITE Parking Generation Manua	al, 4th Ed, (2010)	From City of Dover and XXX																					
Low- and Mid-Rise Apartments	1.4		400	560	560	538	515	414	358	0	0	0	0	0	0	0	246	330	386	370	420	431	515	526
	per dwelling unit				100	96	92	74	64	0	0	0	0	0	0	0	44	59	69	66	75	77	92	94
General Office	2.84	1.1	100000	284	0	0	0	168	224	270	284	278	256	219	239	230	204	131	71	0	0	0	0	0
(average ITE rate for common land uses)	per ksf	per employee			0	0	0	59	79	95	100	98	90	77	84	81	72	46	25	0	0	0	0	0
Government Office	2.84	1.1	189812	539	528	539	453	334	221	183	173	167	162	167	178	199	243	3 <b>2</b> 9	372	388	431	480	496	507
	per ksf	per employee			98	100	84	62	41	34	32	31	30	31	33	37	45	61	69	72	80	89	92	94
Rental Townhouse	1.7		75	128	125	128	107	79	52	43	41	40	38	40	42	47	57	78	88	92	102	113	117	120
	per dwelling unit				98	100	84	62	41	34	32	31	30	31	33	37	45	61	69	72	80	89	92	94
General Retail	2.65		156228	414	0	0	0	37	66	228	236	348	348	344	389	373	335	385	414	385	397	360	0	0
(average ITE rate for common land uses)	per ksf GLA				0	0	0	9	16	55	57	84	84	83	94	90	81	93	100	93	96	87	0	0
					For Decem	ber (Peak r	etail)																	
		TOTA	AL # REQUIRED =	1925	1213	1204	1075	1032	922	724	733	833	803	769	848	849	1086	1253	1331	1235	1351	1385	1128	1153
		TOTA	L # PROVIDED =	1762																				
	CA	ALCULATED PEAK	COCCUPANCY =	109%	69%	68%	61%	59%	52%	41%	42%	47%	46%	44%	48%	48%	62%	71%	76%	70%	77%	79%	64%	65%

TOTAL # PARKING SPOTS PER USE PER TIME OF DAY Time of Day Distributions - Percent of Peak Period

Dover DE - Future Development Conditions - 2

Additional parking provided by development, as per zoning code

Land Use	Avg Parki	ng Ratio	UNIT	TOTAL # Parking Spots
	From ITE Parking Generation M	anual, 4th Ed, (2010)	From City of Dover and XXX	Sp S S
Low- and Mid-Rise Apartments	1.4		400	560
	per dwelling unit			
General Office	2.84	1.1	100000	284
(average ITE rate for common land uses)	per ksf	per employee		
Government Office	2.84	1.1	189812	539
	per ksf	per employee		
Rental Townhouse	1.7		75	128
	per dwelling unit			
General Retail	2.65		156228	414
(average ITE rate for common land uses)	per ksf GLA			
		тот	AL # REQUIRED =	1925
1762 spots originally available; additional spots required by development = (Assumes no new retail area, just filling up existing; 200 new resid units)	320	тотя	AL # PROVIDED =	2082
(Assumes no new retail area, just miling up existing, 200 new resid units)		CALCULATED PEA	K OCCUPANCY =	92%

#### TOTAL # PARKING SPOTS PER USE PER TIME OF DAY

Time of Day Distributions - Percent of Peak Period

12-4 am	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM
560	538	515	414	358	0	0	0	0	0	0	0	<b>2</b> 46	330	386	370	420	431	515	526
100	96	92	74	64	0	0	0	0	0	0	0	44	59	69	66	75	77	92	94
0	0	0	168	224	270	284	278	256	219	239	230	204	131	71	0	0	0	0	0
0	0	0	59	79	95	100	98	90	77	84	81	72	46	25	0	0	0	0	0
528	539	453	334	221	183	173	167	162	167	178	199	243	329	372	388	431	480	496	507
98	100	84	62	41	34	32	31	30	31	33	37	45	61	69	72	80	89	92	94
125	128	107	79	52	43	41	40	38	40	42	47	57	78	88	92	102	113	117	120
98	100	84	62	41	34	32	31	30	31	33	37	45	61	69	72	80	89	92	94
0	0	0	37	66	228	236	348	348	344	389	373	335	385	414	385	397	360	0	0
0	0	0	9	16	55	57	84	84	83	94	90	81	93	100	93	96	87	0	0
For Decem	ber (Peak r	etail)																	
1213	1204	1075	1032	922	724	733	833	803	769	848	849	1086	1253	1331	1235	1351	1385	1128	1153
58%	58%	52%	50%	44%	35%	35%	40%	39%	37%	41%	41%	52%	60%	64%	59%	65%	67%	54%	55%

#### Dover DE - Future Development Conditions - 3

Additional parking provided by development, as per zoning code

Land Use	Avg Park	ing Ratio	UNIT	TOTAL # Parking Spots
	From ITE Parking Generation N	lanual, 4th Ed, (2010)	From City of Dover and XXX	
Low- and Mid-Rise Apartments	1.4 per dwelling unit		400	560
General Office (average ITE rate for common land uses)	2.84 per ksf	1.1 per employee	200000	568
Government Office	2.84 per ksf	1.1 per employee	189812	539
Rental Townhouse	1.7 per dwelling unit	por employee	75	128
General Retail (average ITE rate for common land uses)	2.65 per ksf GLA		156228	414
		тот	AL # REQUIRED =	2209
1762 spots originally available; additional spots required by development =  (Assumes no new retail area, just filling up existing; 200 new resid units and 10	653	TOTA	AL # PROVIDED =	2415
(Assumes no new retail area, just miling up existing, 200 new resid dilits and 10	ok si new office)	CALCULATED PEA	K OCCUPANCY =	91%

## TOTAL # PARKING SPOTS PER USE PER TIME OF DAY Time of Day Distributions - Percent of Peak Period

12-4 am	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM
560	538	515	414	358	0	0	0	0	0	0	0	246	330	386	370	420	431	515	526
100	96	92	74	64	0	0	0	0	0	0	0	44	59	69	66	75	77	92	94
0	0	0	335	449	540	568	557	511	437	477	460	409	261	142	0	0	0	0	0
0	0	0	59	79	95	100	98	90	77	84	81	72	46	25	0	0	0	0	0
528	539	453	334	221	183	173	167	162	167	178	199	243	329	372	388	431	480	496	507
98	100	84	62	41	34	32	31	30	31	33	37	45	61	69	72	80	89	92	94
125	128	107	79	52	43	41	40	38	40	42	47	57	78	88	92	102	113	117	120
98	100	84	62	41	34	32	31	30	31	33	37	45	61	69	72	80	89	92	94
0	0	0	37	66	228	236	348	348	344	389	373	335	385	414	385	397	360	0	0
0	0	0	9	16	55	57	84	84	83	94	90	81	93	100	93	96	87	0	0
For Decem	ber (Peak r	etail)																	
1213	1204	1075	1200	1147	994	1017	1111	1059	988	1086	1079	1291	1383	1402	1235	1351	1385	1128	1153
50%	50%	45%	50%	47%	41%	42%	46%	44%	41%	45%	45%	53%	57%	58%	51%	56%	57%	47%	48%
	560 100 0 0 528 98 125 98 0 0 For Decem	560 538  100 96  0 0  0 0  528 539  98 100  125 128  98 100  0 0  For December (Peak r	560       538       515         100       96       92         0       0       0         0       0       0         528       539       453         98       100       84         125       128       107         98       100       84         0       0       0         0       0       0         For December (Peak retail)	560       538       515       414         100       96       92       74         0       0       0       335         0       0       0       59         528       539       453       334         98       100       84       62         125       128       107       79         98       100       84       62         0       0       0       37         0       0       0       9         For December (Peak retail)	560       538       515       414       358         100       96       92       74       64         0       0       0       335       449         0       0       0       59       79         528       539       453       334       221         98       100       84       62       41         125       128       107       79       52         98       100       84       62       41         0       0       0       37       66         0       0       0       9       16         For December (Peak retail)	560       538       515       414       358       0         100       96       92       74       64       0         0       0       0       335       449       540         0       0       0       59       79       95         528       539       453       334       221       183         98       100       84       62       41       34         125       128       107       79       52       43         98       100       84       62       41       34         0       0       0       37       66       228         0       0       0       9       16       55         For December (Peak retail)	560       538       515       414       358       0       0         100       96       92       74       64       0       0         0       0       0       335       449       540       568         0       0       0       59       79       95       100         528       539       453       334       221       183       173         98       100       84       62       41       34       32         125       128       107       79       52       43       41         98       100       84       62       41       34       32         0       0       0       37       66       228       236         0       0       0       9       16       55       57         For December (Peak retail)	560       538       515       414       358       0       0       0         100       96       92       74       64       0       0       0         0       0       0       335       449       540       568       557         0       0       0       59       79       95       100       98         528       539       453       334       221       183       173       167         98       100       84       62       41       34       32       31         125       128       107       79       52       43       41       40         98       100       84       62       41       34       32       31         0       0       0       37       66       228       236       348         0       0       0       9       16       55       57       84         For December (Peak retail)         1213       1204       1075       1200       1147       994       1017       1111	560       538       515       414       358       0       0       0       0         100       96       92       74       64       0       0       0       0         0       0       0       335       449       540       568       557       511         0       0       0       59       79       95       100       98       90         528       539       453       334       221       183       173       167       162         98       100       84       62       41       34       32       31       30         125       128       107       79       52       43       41       40       38         98       100       84       62       41       34       32       31       30         0       0       0       37       66       228       236       348       348         0       0       0       9       16       55       57       84       84         For December (Peak retail)	560       538       515       414       358       0       0       0       0       0         100       96       92       74       64       0       0       0       0       0         0       0       0       0       540       568       557       511       437         0       0       0       59       79       95       100       98       90       77         528       539       453       334       221       183       173       167       162       167         98       100       84       62       41       34       32       31       30       31         125       128       107       79       52       43       41       40       38       40         98       100       84       62       41       34       32       31       30       31         0       0       0       37       66       228       236       348       348       344         0       0       0       9       16       55       57       84       84       83         For December (Peak reta	560       538       515       414       358       0        0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0       <	560         538         515         414         358         0 <th< td=""><td>560       538       515       414       358       0        0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0       &lt;</td><td>560       538       515       414       358       0       0       0       0       0       0       246       330         100       96       92       74       64       0       0       0       0       0       0       0       0       44       59         0       0       0       0       557       511       437       477       460       409       261         0       0       0       59       79       95       100       98       90       77       84       81       72       46         528       539       453       334       221       183       173       167       162       167       178       199       243       329         98       100       84       62       41       34       32       31       30       31       33       37       45       61         125       128       107       79       52       43       41       40       38       40       42       47       57       78         98       100       84       62       41       34       32       31       30</td><td>560 538 515 414 358 0 0 0 0 0 0 0 0 246 330 386 100 96 92 74 64 0 0 0 0 0 0 0 0 0 44 59 69 0 0 0 0 0 0 44 59 69 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0</td><td>560 538 515 414 358 0 0 0 0 0 0 0 0 0 246 330 386 370 100 96 92 74 64 0 0 0 0 0 0 0 0 0 0 44 59 69 66 0 0 0 335 449 540 568 557 511 437 477 460 409 261 142 0 0 0 0 0 59 79 95 100 98 90 77 84 81 72 46 25 0 528 539 453 334 221 183 173 167 162 167 178 199 243 329 372 388 98 100 84 62 41 34 32 31 30 31 33 37 45 61 69 72 125 128 107 79 52 43 41 40 38 40 42 47 57 78 88 92 98 100 84 62 41 34 32 31 30 31 33 37 45 61 69 72 125 128 107 79 52 43 41 40 38 40 42 47 57 78 88 92 98 100 84 62 41 34 32 31 30 31 33 37 45 61 69 72 125 128 107 79 52 43 41 40 38 40 42 47 57 78 88 92 98 100 84 62 41 34 32 31 30 31 33 37 45 61 69 72 100 0 0 0 9 16 55 57 84 84 84 83 94 90 81 93 100 93 For December (Peak retail)</td><td>560       538       515       414       358       0       0       0       0       0       0       0       246       330       386       370       420         100       96       92       74       64       0       0       0       0       0       0       0       44       59       69       66       75         0       0       0       0       558       557       511       437       477       460       409       261       142       0       0         0       0       0       59       79       95       100       98       90       77       84       81       72       46       25       0       0         528       539       453       334       221       183       173       167       162       167       178       199       243       329       372       388       431         98       100       84       62       41       34       32       31       30       31       33       37       45       61       69       72       80         125       128       107       79       52</td><td>560         538         515         414         358         0         0         0         0         0         0         246         330         386         370         420         431           100         96         92         74         64         0         0         0         0         0         0         44         59         69         66         75         77           0         0         0         0         335         449         540         568         557         511         437         477         460         409         261         142         0</td><td>560     538     515     414     358     0     0     0     0     0     0     246     330     386     370     420     431     515       100     96     92     74     64     0     0     0     0     0     0     444     59     69     66     75     77     92       0     0     0     0     568     557     511     437     477     460     409     261     142     0     0     0     0       0     0     0     59     79     95     100     98     90     77     84     81     72     46     25     0     0     0     0       528     539     453     334     221     183     173     167     162     167     178     199     243     329     372     388     431     480     496       98     100     84     62     41     34     32     31     30     31     33     37     45     61     69     72     80     89     92       125     128     107     79     52     43     41     40     38     40     <td< td=""></td<></td></th<>	560       538       515       414       358       0        0       0       0       0       0       0       0       0       0       0       0       0       0       0       0        0       <	560       538       515       414       358       0       0       0       0       0       0       246       330         100       96       92       74       64       0       0       0       0       0       0       0       0       44       59         0       0       0       0       557       511       437       477       460       409       261         0       0       0       59       79       95       100       98       90       77       84       81       72       46         528       539       453       334       221       183       173       167       162       167       178       199       243       329         98       100       84       62       41       34       32       31       30       31       33       37       45       61         125       128       107       79       52       43       41       40       38       40       42       47       57       78         98       100       84       62       41       34       32       31       30	560 538 515 414 358 0 0 0 0 0 0 0 0 246 330 386 100 96 92 74 64 0 0 0 0 0 0 0 0 0 44 59 69 0 0 0 0 0 0 44 59 69 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	560 538 515 414 358 0 0 0 0 0 0 0 0 0 246 330 386 370 100 96 92 74 64 0 0 0 0 0 0 0 0 0 0 44 59 69 66 0 0 0 335 449 540 568 557 511 437 477 460 409 261 142 0 0 0 0 0 59 79 95 100 98 90 77 84 81 72 46 25 0 528 539 453 334 221 183 173 167 162 167 178 199 243 329 372 388 98 100 84 62 41 34 32 31 30 31 33 37 45 61 69 72 125 128 107 79 52 43 41 40 38 40 42 47 57 78 88 92 98 100 84 62 41 34 32 31 30 31 33 37 45 61 69 72 125 128 107 79 52 43 41 40 38 40 42 47 57 78 88 92 98 100 84 62 41 34 32 31 30 31 33 37 45 61 69 72 125 128 107 79 52 43 41 40 38 40 42 47 57 78 88 92 98 100 84 62 41 34 32 31 30 31 33 37 45 61 69 72 100 0 0 0 9 16 55 57 84 84 84 83 94 90 81 93 100 93 For December (Peak retail)	560       538       515       414       358       0       0       0       0       0       0       0       246       330       386       370       420         100       96       92       74       64       0       0       0       0       0       0       0       44       59       69       66       75         0       0       0       0       558       557       511       437       477       460       409       261       142       0       0         0       0       0       59       79       95       100       98       90       77       84       81       72       46       25       0       0         528       539       453       334       221       183       173       167       162       167       178       199       243       329       372       388       431         98       100       84       62       41       34       32       31       30       31       33       37       45       61       69       72       80         125       128       107       79       52	560         538         515         414         358         0         0         0         0         0         0         246         330         386         370         420         431           100         96         92         74         64         0         0         0         0         0         0         44         59         69         66         75         77           0         0         0         0         335         449         540         568         557         511         437         477         460         409         261         142         0	560     538     515     414     358     0     0     0     0     0     0     246     330     386     370     420     431     515       100     96     92     74     64     0     0     0     0     0     0     444     59     69     66     75     77     92       0     0     0     0     568     557     511     437     477     460     409     261     142     0     0     0     0       0     0     0     59     79     95     100     98     90     77     84     81     72     46     25     0     0     0     0       528     539     453     334     221     183     173     167     162     167     178     199     243     329     372     388     431     480     496       98     100     84     62     41     34     32     31     30     31     33     37     45     61     69     72     80     89     92       125     128     107     79     52     43     41     40     38     40 <td< td=""></td<>

#### Dover DE - Future Development Conditions - 4

No additional parking provided by development, but residential min parking requirements reduced as more urban densities encourage r

ivo daditional parking provided by development	, bacresiaentiai iiiii partiiig i	equil ements reduc	cea as more area	i delisities elicodiage i									1712 11 1 7 11111											
												Tir	ne of Day D	istribution	s - Percent (	of Peak Pe	riod							
				TOTAL#																				
Land Use	Avg Parki	ing Ratio	UNIT	Parking	12-4 am	5:00 AM	6:00 AM	7:00 AM	8:00 AM	9:00 AM	10:00 AM	11:00 AM	12:00 PM	1:00 PM	2:00 PM	3:00 PM	4:00 PM	5:00 PM	6:00 PM	7:00 PM	8:00 PM	9:00 PM	10:00 PM	11:00 PM
<del></del>	3	0	0	Spots		0.007		710071111								0.00				71001111				
	From ITE Parking Generation N	/Janual, 4th Ed, (2010)	From City of Dover and	Spots																				
Low- and Mid-Rise Apartments	0.75		400	300	300	288	276	222	102	0	0	0	0	Λ	0	0	132	177	207	198	225	231	276	282
Low- and who-kise Apartments			400	300		200	2/0		192	U	U	U	U	U	U	U		1//	207					
	per dwelling unit				100	96	92	74	64	0	0	0	0	0	0	0	44	59	69	66	75	77	92	94
General Office	2.84	1.1	100000	284	0	0	0	168	224	270	284	278	256	219	239	230	204	131	71	0	0	0	0	0
(average ITE rate for common land uses)	per ksf	per employee			0	0	0	59	79	95	100	98	90	77	84	81	72	46	25	0	0	0	0	0
Government Office	2.84	1.1	189812	539	528	539	453	334	221	183	173	167	162	167	178	199	243	329	372	388	431	480	496	507
	per ksf	per employee			98	100	84	62	41	34	32	31	30	31	33	37	45	61	69	72	80	89	92	94
Rental Townhouse	0.75	p p y	75	56	55	56	47	35	23	19	18	17	17	17	19	21	25	34	39	41	45	50	52	53
	per dwelling unit		, 3	30		100	84	62	41	34	22	21	30	31	33	37	45	61	69	72	80	89	02	94
	per awening and				98	100	84	02	41	34	32	31	30	31	33	3/	45	01	09	72	80	89	92	94
General Retail	2.65		156228	414	0	0	0	37	66	228	236	348	348	344	389	373	335	385	414	385	397	360	0	0
(average ITE rate for common land uses)	per ksf GLA				0	0	0	9	16	55	57	84	84	83	94	90	81	93	100	93	96	87	0	0
(average 112 rate for common tand asca)	per itsi dari				For Decem	nber (Peak r	etail)	<b>J</b>	10	33	3,	01	0.1	03	J.	30	01	33	100	33	30	0,	· ·	Ū
					TOT Decem	ibei (i eak i	ctairj																	
		тот	AL # REQUIRED =	1593	883	883	776	796	727	700	710	811	782	747	824	823	940	1056	1103	1012	1099	1121	824	842
		TOTA	AL # PROVIDED =	1762																				
		1017		1,02																				
		CALCULATED PEA	AK OCCUPANCY =	90%	50%	50%	44%	45%	41%	40%	40%	46%	44%	42%	47%	47%	53%	60%	63%	57%	62%	64%	47%	48%

TOTAL # PARKING SPOTS PER USE PER TIME OF DAY

	Unit Cost	# Meters	# Blocks	TOTAL
Meters	\$350	41		\$14,350
Metered Kiosk	\$5,000		6	\$30,000

LIST OF COMPARABLE CITIES - PARKING RATES

Dover		Hour	Day	Early Bird	Evening	Monthly	Name	Address	Туре	# Spots	Source	Correct or Not?	Ownership	Phone Notes
Dore.		\$0.25 \$0.25	\$2.00 \$1.00	n/a n/a	n/a n/a	n/a	132 S. Bradford Bradford Lot	132 S. Bradford 132 S. Bradford	Garage Surface lot	20	Parkopedia Data	(INCORRECT) CORRECT		
	2	Free	Free	n/a	n/a	n/a	Safeway		Garage Surface lot	890 ?		(INCORRECT) CORRECT		
Wilmingto	on, DE									·				
	3	n/a	\$11	n/a	n/a	\$145	Customs House	700 N King St Th and King Streets	Garage	1335	Parkopedia WPA		Wilmington Parking Authority	302-655-4442 Monthly VIP Rate: \$115; Monthly Rate Level 3: \$125
	4	\$3	\$11	\$7	n/a	\$165	Ships Tavern Garage (lot 97)	201 S King St	Garage	500	Parkopedia		Colonial Parking	302-651-3600 \$1 per 20 minutes
	5	\$2	\$7.50	\$6	n/a	\$110		713 N Shipley St	Garage		Parkopedia		Colonial Parking	302-651-3600 \$1 per 30 minutes
	6	\$2	\$8.50	n/a	n/a	\$150	Government Center Garage	N French St	Garage	n/a	Parkopedia		Colonial Parking	302-651-3600 \$1 per 30 minutes
	7	\$4	\$11	n/a	\$5	\$170	New Castle County Courthouse	510 N King St	Garage	n/a	Parkopedia		Colonial Parking	302-651-3600 \$2 per 30 minutes
	8	\$3	\$13	n/a	n/a	\$175		84 E 5th St	Garage		Parkopedia		Colonial Parking	302-651-3600 \$1 per 20 minutes
	9	n/a	\$12	n/a	n/a	\$175	Train Station	E Front St MLK Blvd / King St	Garage	606	Parkopedia WPA		Wilmington Parking Authority	302-655-4442 n/a
1	0	\$2	\$5.50	\$6	n/a	\$110	711 N Orange St	711 N Orange St	Garage	60	Parkopedia		Colonial Parking	302-651-3600 \$1 per 30 minutes
	1	\$6	\$14	n/a	\$5			903 N Shipley St	Garage		Parkopedia		Colonial Parking	302-651-3600 \$2 per 20 minutes
	3	\$3 \$2	\$14 n/a	n/a	n/a	\$180 \$145	222 Delaware Ave  North West St	222 Delaware Ave  North West St	Garage Garage		Parkopedia Parkopedia		Colonial Parking  Colonial Parking	302-651-3600 \$1 per 20 minutes  302-651-3600 \$1 per 30 minutes
	4	\$3	\$14	n/a n/a	n/a \$5	7143 n/a	City Centre Garage	208 W 12th St	Garage		Parkopedia		Central Parking System	302-654-9182 n/a
1	5	\$6	\$20	n/a	n/a	\$195	1201 N Market St	1201 N Market St	Garage	n/a	Parkopedia		Colonial Parking	302-651-3600 \$3 per 30 minutes
1	6	\$3	n/a	n/a	n/a	\$180	12th St / N Orange St	12th St / N Orange St	Garage	n/a	Parkopedia		Colonial Parking	302-651-3600 \$1 per 20 minutes
1	7	n/a	\$11	n/a	n/a	\$165	Brandywine Garage	13th St / King St	Garage	n/a	WPA		Wilmington Parking Authority	
	8	n/a	\$12	n/a	n/a		Hercules Garage	Market St btw 13th & 14th Sts	Garage	n/a			Wilmington Parking Authority	
	9	n/a	\$10	n/a	n/a	\$150	Corporate Plaza Garage	11th St or Delaware Ave at Madis		n/a			Wilmington Parking Authority	
	0	n/a n/a	n/a \$12	n/a n/a	n/a n/a	\$95 \$175	6th Street Lot  10th Street Garage	6th and Orange Sts  10th and Washington Streets	Parking Lot Garage	-	WPA WPA		Wilmington Parking Authority Wilmington Parking Authority	
	2	n/a	\$9	n/a	n/a		8th Street Lot	8th and Orange Streets	Parking Lot	-	WPA		Wilmington Parking Authority	
2	3	\$1	n/a	n/a	n/a	n/a	Parking Meters						City of Wilmington	
2	4	n/a	n/a	n/a	n/a	Free	Residential Parking Permits						City of Wilmington	License plate recognition technology; https://www.wilmingtonde.gov/about-us/parking-in-the-city-of-wilmington/residential-parking/digital https://prdwmq.etimspayments.com/pbw/include/wilmington/rppaddress_verify.jsp
		n/a	n/a	n/a	n/a	Free	Guest Parking Permits						City of Wilmington	https://www.wilmingtonde.gov/home/showdocument?id=752
Newark, I	DE													
2	5	\$1	n/a	n/a	n/a	n/a	Off-Street Hourly Parking Lots			577	City of Newark		City of Newark	https://newarkde.gov/80/Newark-Parking
	6	\$1	n/a	n/a	n/a		Off-Street Long-Term Monthly Parking Lots				City of Newark		City of Newark	
2	7 8	\$1.25 n/a	n/a \$4 - \$12	n/a n/a	n/a n/a		Parking Meters  2 University of DE - Parking Permits				City of Newark U of DE		City of Newark U of DE	Sun, 7am to 1 pm: Free.  http://www1.udel.edu/transportation/parking/permit-prices.html
						7-7	o o o o o o o o o o o o o o o o o o o							
Middleto	wn, DE;	Smyrna, DE; Mi None	ilford, DE; S	eaford, DE; l	ewes, DE						Parkopedia			
Annapolis	s, MD	None									Таткореша			
2	9	\$2	\$6	n/a	n/a	n/a	West Garrett Garage	275 West St	Garage	288	Parkopedia		One Parking Inc.	www.oneparking.com
3	0	\$1.25	\$10	n/a	\$2	n/a	John Whitmore Garage	25 Clay St	Garage	n/a	Parkopedia		SP Plus Corp	443-648-3087
3	1	\$1	\$20	n/a	n/a	\$80	Park Place Garage	1 Park Pl	Garage	n/a	Parkopedia		SP Plus Corp	443-648-3087 Incremental: \$1/1h, \$3/2h. \$5/3h, \$7/4, \$10/10h
	2	n/a	\$20	n/a	n/a	\$90	Loews Annapolis Hotel	126 West St	Garage		Parkopedia		SP Plus Corp	443-648-3087 Valet: \$23
3	3	\$1 \$5 f 2 hrs	\$10 \$15	n/a n/a	n/a n/a		South St Lot	1A Colonial Ave South St	Garage Garage		Parkopedia Parkopedia		SP Plus Corp SP Plus Corp	443-648-3087 Incremental: \$1/1h, \$3/2h. \$5/3h, \$7/4. Monthly: out by 7pm / All 24 horus 443-648-3087 Also \$10 f 4 hrs; \$2 flat rate on Sat/Sun
	5	\$2	\$20	n/a				25 Northwest St	Garage		Parkopedia		SP Plus Corp	443-648-3087 Incremental: \$2/1h, \$5/2h, \$9/4h, \$11/6h. Monthly: out by 7pm / All 24 hours. Free on Sun btw 6 am and 1 pm.
3	6	\$2	\$20	n/a	\$5	\$225/\$250	O Noah Hillman Garage	150 Gorman St	Garage	425	Parkopedia		SP Plus Corp	443-648-3087 Incremental: \$2/1h, \$5/2h, \$8 /3h, \$11/4h, \$16/6h. Monthly: out by 7pm / All 24 hours. Free on Sun btw 6 am and 1 pm.
3	7	\$2	n/a	n/a	n/a	n/a	Parking Meters		On-Street		Annapolis Parking		SP Plus Corp	443-648-3087 https://annapolisparking.com/residential-parking/
3	8	n/a	n/a	n/a	n/a	\$5 - \$8/ma	Residential Parking Permits		On-Street		Annapolis Parking		SP Plus Corp	443-648-3087 https://annapolisparking.com/residential-parking/residential-parking-permit-program/
Salisbury,	, MD; Ha	ageRstown, MD	; Bowie, MI	D										
	None													
College Pa			ĆF 40	- /-	/s	¢c.	Callaga Dayle, II of MAD Makesasil	4034 Calvert Del	Correct	- /-	Daulanadia		\A/A 4 A T A	202.062.2807. 6at / 6 5ma
	9	n/a \$3	\$5.10 \$15	n/a n/a	n/a n/a	\$65 n/a	College Park - U of MD Metrorail U of MD - Union Lane Garage	4931 Calvert Rd Union Ln	Garage Garage		Parkopedia Parkopedia		WMATA U of MD	202-962-2807 Sat / Sun: Free  301-314-7884 Sat/Sun: \$5 Max
	1	\$3	\$15	n/a	n/a	n/a	U of MD - Mowatt Lane Garage	Lehigh Rd	Garage		Parkopedia		U of MD	301-314-7884 Sat/Sun: \$5 Max
4	2	\$3	\$15	n/a	n/a	n/a	U of MD - Regents Drive Garage	Regents Dr	Garage	123	Parkopedia		U of MD	301-314-7884 Sat/Sun: \$5 Max
4	3	\$3	\$15	n/a	n/a	n/a	U of MD - Stadium Drive Garage	Stadium Dr	Garage	777	Parkopedia		U of MD	301-314-7884 Sat/Sun: \$5 Max
	4	\$2	n/a	n/a	n/a	n/a	U of MD - Parking Lot C2	Rossborough Ln	Garage		Parkopedia		U of MD	301-314-7884
	5	\$2	n/a	n/a	n/a		U of MD - Parking Lot 2G	Yalley Drive	Garage		Parkopedia		U of MD	301-314-7884
	6 7 Multip	\$2 ole parking pern	n/a nits	n/a	n/a	n/a	U of MD - Parking Lot 2G	Valley Drive	Garage	58	Parkopedia		U of MD	301-314-7884  http://www.collegeparkmd.gov/government/public_services/parking_enforcement.php
,	2. <b>6</b> 1	,o peri												, O, O, O , O , O , O , O , O , O ,

Media, PA												
48	n/a	\$1	n/a	n/a	\$20	SEPTA Media Station	305 Media Station Rd	Garage	250	Parkopedia	SEPTA	215-580-7800 Sat / Sun: Free
49	n/a	\$1	n/a	n/a	n/a	SEPTA Elwyn Station	35 Elwyn Ave	Garage	348	Parkopedia	SEPTA	215-580-7800 Sat / Sun: Free
50	n/a	\$1	n/a	n/a	n/a	SEPTA Moylan-Rose Station	491 Osage Ln	Garage	149	Parkopedia	SEPTA	215-580-7800 Sat / Sun: Free
51	n/a	\$1	n/a	n/a	n/a	SEPTA Wallingford Station	107 E Possum Hollow Rd	Garage	65	Parkopedia	SEPTA	215-580-7800 Sat / Sun: Free
52	\$0.50 \$0.50 \$0.25/15 min	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	n/a n/a n/a	Parking Meters - Zones 1 and 3 Parking Meters - Zone 2 - Municipal Parking Lots Parking Meters - Zone 4 - Short Term Parking						Mon - Sat - 8 am to 6 pm; 3 hour time limit Mon - Sat - 8 am to 6 pm; no time limit Mon - Sat - 8 am to 6 pm; 15 minute limitation http://www.mediaborough.com/police/parking-meters
53	n/a n/a	n/a n/a	n/a n/a	n/a n/a	\$40 \$10	General monthly parking permit Residential monthly parking permit						Quarterly: \$100; Annual: \$300. Except Zones 1 and 4.  Quarterly: \$30; Annual: \$100. Except Zones 1 and 4.  http://www.mediaborough.com/police/parking-permits
Harrisburg, P	<b>'</b> A											
54	\$2	\$6	n/a	n/a	\$25	10th St Lot	75 S 10th St	Garage	120	Parkopedia	SP Plus Corp	717-234-2274 \$1/addl hr
55	\$10/2 hrs	\$30	n/a	n/a	\$200/\$270	O Market Square Garage	34 S 2nd St	Garage	577	Parkopedia	SP Plus Corp	717-234-2274 \$15/4 hrs; Monthly: Unreserved / Reserved
56	\$10/2 hrs	\$30	n/a	n/a	\$205/\$27	5 Chestnut Street Garage	322-326 Chestnut St	Garage	1088	Parkopedia	SP Plus Corp	717-234-2274 \$15/4 hrs; Monthly: Unreserved / Reserved
57	\$10/2 hrs	\$30	n/a	n/a	\$205/\$275	5 Walnut Street Garage	215 Walnut St	Garage	1032	Parkopedia	SP Plus Corp	717-234-2274 \$15/4 hrs; Monthly: Unreserved / Reserved
58	\$10/2 hrs	\$30	n/a	\$5 / \$10	\$195/\$265	5 River Street Garage	218 N 2nd St	Garage	850	Parkopedia	SP Plus Corp	717-234-2274 \$15/4 hrs; Monthly: Unreserved / Reserved; Evening: Fri-Sat In after 5 pm, out by 1- pm; Mon-Thu, Sun: In after 5 pm, out by 5 am; Flat Rate
59	\$10/2 hrs	\$30	n/a	n/a	\$200/\$270	O South Street Garage	220 South St	Garage	736	Parkopedia	SP Plus Corp	717-234-2274 \$15/4 hrs; Monthly: Unreserved / Reserved
60	\$10/2 hrs	\$30	n/a	n/a	\$205/\$275	5 Locust Street Garage	214 Locust St	Garage	628	Parkopedia	SP Plus Corp	717-234-2274 \$15/4 hrs; Monthly: Unreserved / Reserved
61	\$10/2 hrs	\$30	n/a	n/a	\$200/\$270	O Harrisburg University Garage	326 Market St	Garage	380	Parkopedia	SP Plus Corp	717-234-2274 \$15/4 hrs; Monthly: Unreserved / Reserved
62	\$10/2 hrs	\$30	n/a	n/a	\$200/\$270	O Fifth Street Garage	6-14 N 5th St	Garage	856	Parkopedia	SP Plus Corp	717-234-2274 \$15/4 hrs; Monthly: Unreserved / Reserved
63	\$10/2 hrs	\$30	n/a	n/a	\$200/\$270	O Seventh Street Garage	801-813 N 7th St	Garage	1182	Parkopedia	SP Plus Corp	717-234-2274 \$15/4 hrs; Monthly: Unreserved / Reserved
64	n/a	n/a	n/a	n/a	\$120	Mulberry Street Parking Lot	300 Mulberry St	Parking Lot	n/a	НРА	SP Plus Corp	
65	\$2	\$6	n/a	n/a	\$25	10th St lot	75 S 10th St	Parking Lot	n/a	НРА	SP Plus Corp	\$2 for 1st 2 hrs; \$1 each addl hr to \$6 max
66	\$3 \$1.50 \$1.50	First 15 min	s free optic	n		Parking Meters - CBD  Parking Meters - New Midtown area  Parking Meters - Old Midtown area and south of CBD		•	over 1,30	O HPA	SP Plus Corp	M-Sat from 8 am to 7 pm; 168 pay stations Park Harrisburg Smart Card; Extend by Phone option (wht cell phone text notification) for credit card purchases. http://parkharrisburg.com
67	n/a	n/a	n/a	n/a	\$60	Residential Parking Permit				НРА	SP Plus Corp	Monthly Specials: Resident - \$60/month; Moonlighter - \$80/month (River St Garage only); Mid-Day - \$90/month (River St Garage only).
Trenton, NJ												
68	\$3	\$13	n/a	n/a	n/a	Marriott Hotel Garage	284 S Warren St	Garage	656	Parkopedia	Nexus Parking System	609-599-9614 \$4 / 2 hrs; \$6 / 4 hrs; \$8 / 12 hrs. http://www.nexusparkingsystems.com/lafayette-parking-deck.html
69	\$3	\$11	n/a	n/a	n/a	West Front Street Garage	West Front Street	Garage	n/a	Parkopedia TPA	n/a	\$4 / 2 hrs; \$6 / 4 hrs; \$8 / 12 hrs. Free on Sat. Temporarily closed? (Broad and Front St Garage, 1332 E Front St)
70	\$4 / 2 hrs	\$8 / 12 hrs	n/a	n/a	\$136	Trenton Parking Authority Warren Street Garage	Route 30	Garage	n/a	Parkopedia	Trenton Parking Authority	609-393-3469 \$5 / 3 hrs; \$6 / 4 hrs. Closed Sat & Sun; http://www.tpanj.com/2012directions.htm
71	\$6 / 2 hrs	\$12	n/a	n/a	\$136	Trenton Parking Authority Liberty Commons Garage	16 East Front Street	Garage	n/a	Parkopedia	Trenton Parking Authority	609-393-3469 \$8 / 4 hrs; \$10 / 12 hrs
72	\$7	\$7	n/a	n/a	\$136	Trenton Parking Authority 24 Merchant Street	24 Merchant Street	Garage	n/a	Parkopedia	Trenton Parking Authority	609-393-3469 \$7 flat rate
73	\$6.50 / 2 hrs	\$18	n/a	n/a	\$155 / \$19	5 Station Plaza Garage	50 Yard Ave	Garage	1600	Parkopedia	Nexus Parking System	609-599-9614 \$7.50 / 2.4 hrs; \$8.50 / 3 hrs; \$10 / 12 hrs; \$13.50 / 18 hrs. Daytime: \$10 (in after 5 am, out by 8 pm). Monthly: Unreserved / Reserved.
74	n/a	\$14	n/a	n/a	n/a	VIP Park & Lock	66 Raoul Wallenberg Ave	Garage	142	Parkopedia	Nexus Parking System	866-220-2299
75	\$6.50 / 2 hrs	\$18	n/a	n/a	\$155 / \$19	5 Trenton Park & Ride	458 Greenwood Ave	Garage	1800	Parkopedia	Nexus Parking System	609-599-3100 \$7.50 / 2.4 hrs; \$8.50 / 3 hrs; \$10 / 12 hrs; \$13.50 / 18 hrs. Daytime: \$10 (in after 5 am, out by 8 pm). Monthly: Unreserved / Reserved.
76	n/a	n/a	n/a	n/a	\$136	Trenton Parking Authority Lafayette Garage	1 W. Lafayette St	Garage	n/a	ТРА	Trenton Parking Authority	n/a
Concord, NH												
77	\$0.50	n/a	n/a	n/a	n/a	Durgin Block Garage	School St	Garage	n/a	Parkopedia	City of Concord	603-225-8640 Sat-Sun: Free. http://www.concordnh.gov/?nid=844
78	\$0.50	n/a	n/a	n/a	n/a	Firehouse Garage	N State St	Garage	n/a	Parkopedia	City of Concord	603-225-8640 Sat-Sun: Free. http://www.concordnh.gov/?nid=844
79	\$0.50	n/a	n/a	n/a	n/a	Capital Commons Parking	Storrs St	Garage	n/a	Parkopedia	City of Concord	603-225-8640 Sat-Sun: Free. http://www.concordnh.gov/?nid=844
80	\$0.75	n/a	n/a	n/a	n/a	Parking Meters				City of Concord	City of Concord	603-225-8640 M-Sun, 5 pm to 8 am: Free. Sat-Sun: Free. http://www.concordnh.gov/?nid=844
81						Parking Permits				City of Concord	City of Concord	603-225-8640

#### **LIST OF COMPARABLE CITIES - PARKING RATES**

#### **On-Street Rates**

_		Hour		Day	Monthly		
Dover							
1		0.25	\$		n/a		
	\$	0.25	\$	1.00	n/a		
Wilmington	n, Di	Ē					
23	\$	1.00		n/a	Free	Parking Meters	
Newayle Di	-						
Newark, DI		4.05		,	,		
27	\$	1.25		n/a	n/a	Parking Meters	
Annapolis,	MD						
37		2.00		n/a	\$5 - \$8/mc	Parking Meters	
Media, PA							
52	\$	0.50		n/a	\$10	Parking Meters - Zones 1 and 3	
	\$	0.50		n/a	\$10	Parking Meters - Zone 2 - Municipal Parking Lots	
	\$0.	25/15 min		n/a	\$10	Parking Meters - Zone 4 - Short Term Parking	
Harrisburg,	DΛ						
66		3.00		n/a	\$60	Parking Meters - CBD	
00		1.50			\$60 \$60	_	First 15 mins free option
	\$ \$			n/a		Parking Meters - New Midtown area	First 15 mins free option
	Þ	1.50		n/a	\$60	Parking Meters - Old Midtown area and south of CBD	
Concord, N	н						
80		0.75		n/a	n/a	Parking Meters	
	\$	1.42	= ,	AVERAG	E FOR CBD	s of 6 comparable cities	
	•					•	
		4 4 2		RAFDIAR	I fan CDDa a	of Communication	

<sup>\$ 1.13 =</sup> MEDIAN for CBDs of 6 comparable cities

#### **LIST OF COMPARABLE CITIES - PARKING RATES**

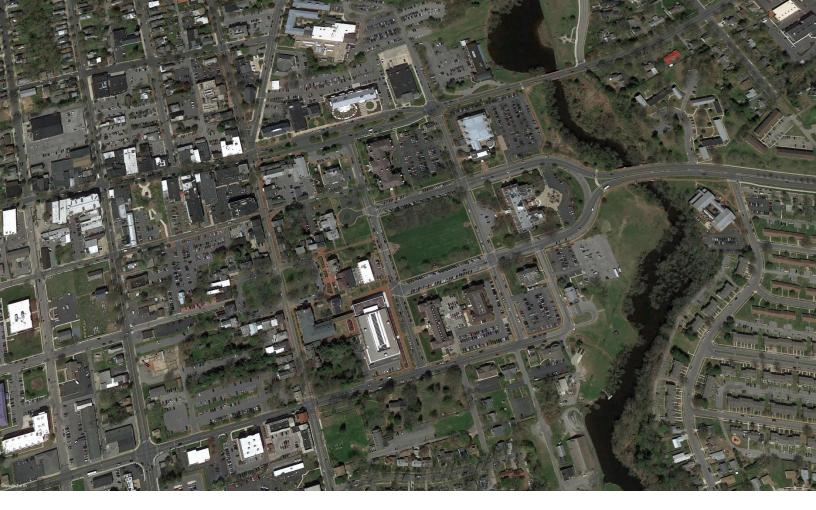
#### **Average of Off-Street Parking Rates**

Davier	Hour	Day	Monthly	Notes
Dover \$ \$	0.25 0.25		n/a n/a	
Wilmington, D	<b>E</b> \$2.93	\$11.85	\$157	
Newark, DE	\$1	n/a	n/a	Monthly permit program is suspended
Annapolis, MD	\$3.28	\$12.64	\$148	
Media, PA	n/a	\$1.00	\$30	
Harrisburg, PA	\$4.45	\$25.64	\$165	
Trenton, NJ	\$3.50	\$13.63	\$142	
Concord, NH	\$0.50	\$12.00	\$360	
	\$2.61	\$12.79	\$167	= AVERAGE FOR CBDs of 6 comparable cities
	\$3.10	\$12.32	\$152	= MEDIAN for CBDs of 6 comparable cities

#### **Population vs Per Capita Income**

#	City	Population (2010 Census)	Per capita income (county)	Median household Income (County)		Median household Income (City)	Commute Rate Drive %	Difference between County and City Median Household Income	Meidan Household Income Per Capita
	Dover	36047	\$24,851	\$55,149	Kent Co	\$45,363	76.8	\$9,786	\$1.26
1	Wilmington, DE	70851	\$32,406	\$64,537	New Castle Co	\$40,465	62.4	\$24,072	\$0.57
2	Newark, DE	31454	\$32,406	\$64,537	New Castle Co	\$54,187	69.5	\$10,350	\$1.72
3	Annapolis, MD	38394	\$40,415	\$87,430	Anne Arundel Co	\$72,214	68.8	\$15,216	\$1.88
4	Lancaster, PA	59322	\$26,496	\$56,483	Lancaster Co	\$35,313	62.3	\$21,170	\$0.60
5	Media, PA	5327	\$33,179	\$64,041	Delaware Co	\$63,348	68.8	\$693	\$11.89
6	West Chester, PA	18461	\$42,210	\$86,050	Chester Co	\$47,042	67.3	\$39,008	\$2.55
7	College Park, MD	30413	\$32,344	\$73,623	Prince George's Co	\$57,824	53.8	\$15,799	\$1.90
8	Harrisburg, PA	49528	\$29,234	\$54,066	Dauphin Co	\$33,289	58.5	\$20,777	\$0.67
9	Trenton, NJ	84913	\$37,465	\$73,480	Mercer Co	\$34,257	59.2	\$39,223	\$0.40
10	Concord, NH	42695	\$31,310	\$65,353	Merrimack Co	\$56,093	80.6	\$9,260	\$1.31

https://factfinder.census.gov/faces/nav/jsf/pages/index.xhtml# https://en.wikipedia.org/wiki/List\_of\_United\_States\_counties\_by\_per\_capita\_income



# Downtown Dover

### Parking Study







