

Appendix H Detailed Trip Generation Analysis

TRIP RATES - CAR FREE

TRAVL - Average Trip Rate by Mode and Time

List of Surveys:

Name	Address	Survey Date
Green Dragon House	Green Dragon House,Stukeley Street,Camden,WC2H 5LQ	11/09/2008

Number of sites considered

1

Counts By Mode:

Mode: All Modes

Time Banc	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate
07:00-07:3	1	0.00000	0.13793	0.13793
07:30-08:0	1	0.00000	0.41379	0.41379
08:00-08:3	1	0.03448	0.41379	0.44828
08:30-09:0	1	0.13793	0.44828	0.58621
09:00-09:3	1	0.06897	0.24138	0.31034
09:30-10:0	1	0.13793	0.17241	0.31034
10:00-10:3	1	0.00000	0.10345	0.10345
10:30-11:0	1	0.00000	0.20690	0.20690
11:00-11:3	1	0.20690	0.10345	0.31034
11:30-12:0	1	0.06897	0.10345	0.17241
12:00-12:3	1	0.17241	0.20690	0.37931
12:30-13:0	1	0.17241	0.13793	0.31034
13:00-13:3	1	0.27586	0.10345	0.37931
13:30-14:0	1	0.06897	0.13793	0.20690
14:00-14:3	1	0.10345	0.06897	0.17241
14:30-15:0	1	0.10345	0.20690	0.31034
15:00-15:3	1	0.10345	0.24138	0.34483
15:30-16:0	1	0.20690	0.06897	0.27586
16:00-16:3	1	0.13793	0.06897	0.20690
16:30-17:0	1	0.20690	0.10345	0.31034
17:00-17:3	1	0.17241	0.17241	0.34483
17:30-18:0	1	0.41379	0.24138	0.65517
18:00-18:3	1	0.34483	0.06897	0.41379
18:30-19:0	1	0.27586	0.10345	0.37931
19:00-19:3	1	0.13793	0.06897	0.20690
19:30-20:0	1	0.24138	0.03448	0.27586
20:00-20:3	1	0.20690	0.13793	0.34483
20:30-21:0	1	0.24138	0.06897	0.31034
21:00-21:3	1	0.34483	0.10345	0.44828
21:30-22:0	1	0.13793	0.06897	0.20690
Daily		4.72415	4.75866	9.48274

TRIP RATES - WITH CAR PARKING

TRAVL - Average Trip Rate by Mode and Time

List of Surveys:

Name	Address	Postcode	Survey Date
Sewardstone Road	Sewardstone Road Tower Hamlets	E2 9JN	14/06/2012
Stanley Close	Stanley Close Greenwich, London	SE9 2DR	24/04/2008

Number of sites considered

2

Counts By Mode:

Mode: All Modes

Time Band of Sites Trip Rate In Trip Rate Out Total Trip Rate

07:00-07:3	2	0.00448	0.11211	0.11659
07:30-08:0	2	0.05381	0.19283	0.24664
08:00-08:3	2	0.08072	0.31839	0.39910
08:30-09:0	2	0.04933	0.44395	0.49327
09:00-09:3	2	0.12108	0.16592	0.28700
09:30-10:0	2	0.12108	0.06726	0.18834
10:00-10:3	2	0.06278	0.18386	0.24664
10:30-11:0	2	0.06726	0.13453	0.20179
11:00-11:3	2	0.09865	0.08072	0.17937
11:30-12:0	2	0.09417	0.09865	0.19283
12:00-12:3	2	0.12108	0.07623	0.19731
12:30-13:0	2	0.10762	0.08520	0.19283
13:00-13:3	2	0.08969	0.13004	0.21973
13:30-14:0	2	0.07175	0.10314	0.17489
14:00-14:3	2	0.10762	0.09865	0.20628
14:30-15:0	2	0.08072	0.08969	0.17040
15:00-15:3	2	0.17040	0.15695	0.32735
15:30-16:0	2	0.35426	0.13004	0.48430
16:00-16:3	2	0.18834	0.12556	0.31390
16:30-17:0	2	0.20628	0.16143	0.36771
17:00-17:3	2	0.29148	0.17937	0.47085
17:30-18:0	2	0.26457	0.21076	0.47534
18:00-18:3	2	0.26009	0.19283	0.45291
18:30-19:0	2	0.29596	0.17040	0.46637
19:00-19:3	2	0.19731	0.17040	0.36771
19:30-20:0	2	0.32287	0.26457	0.58744
20:00-20:3	2	0.20179	0.08969	0.29148
20:30-21:0	2	0.18834	0.15695	0.34529
21:00-21:3	2	0.11659	0.06278	0.17937
21:30-22:0	2	0.12108	0.11211	0.23318
Daily		4.51120	4.56501	9.07621

Mode	Census Split	Census car free
Underground, Metro, Light Rail, Tram	25.60%	28.60%
Train	6.90%	7.71%
Bus, Minibus or Coach	25.10%	28.04%
Taxi	0.60%	0.67%
Motorcycle, Scooter or Moped	1.20%	1.34%
Driving in a car or van	10.50%	
Passenger in a car or van	0.70%	0.78%
Bicycle	12.00%	13.41%
On foot	16.70%	18.66%
Other	0.70%	0.78%

89.50% 100.00%

Mode	Census Split	Census car free	PT mode split	extra PT trips
Underground, Metro, Light Rail, Tram	25.60%	30.3%	44.44%	4.67%
Train	6.90%	8.2%	11.98%	1.26%
Bus, Minibus or Coach	25.10%	29.7%	43.58%	4.58%
Taxi	0.60%	0.6%		
Motorcycle, Scooter or Moped	1.20%	1.2%		
Driving in a car or van	10.50%			
Passenger in a car or van	0.70%	0.7%		
Bicycle	12.00%	12.0%		
On foot	16.70%	16.7%		
Other	0.70%	0.7%		

89.50% 100.00% 57.60%

Mode (with parking)	AM			PM			Daily		
	Trips in	Trips out	Total	Trips in	Trips out	Total	Trips in	Trips out	Total
Underground, Metro, Light Rail, Tram	2	10	11	7	5	12	58	58	116
Train	0	3	3	2	1	3	16	16	31
Bus, Minibus or Coach	2	10	11	7	5	12	57	57	114
Taxi	0	0	0	0	0	0	1	1	3
Motorcycle, Scooter or Moped	0	0	1	0	0	1	3	3	5
Driving in a car or van	1	4	5	3	2	5	24	24	48
Passenger in a car or van	0	0	0	0	0	0	2	2	3
Bicycle	1	5	5	3	2	6	27	27	54
On foot	1	6	7	5	3	8	38	38	76
Other	0	0	0	0	0	0	2	2	3
total	7	38	45	28	20	47	226	228	454

Mode (car free)	AM			PM			Daily		
	Trips in	Trips out	Total	Trips in	Trips out	Total	Trips in	Trips out	Total
Underground, Metro, Light Rail, Tram	10	52	62	35	25	60	285	287	571
Train	3	14	17	10	7	16	77	77	154
Bus, Minibus or Coach	10	51	61	35	24	59	279	281	560
Taxi	0	1	1	1	0	1	6	6	11
Motorcycle, Scooter or Moped	0	2	2	1	1	2	11	11	23
Driving in a car or van	0	0	0	0	0	0	0	0	0
Passenger in a car or van	0	1	1	1	1	1	7	7	13
Bicycle	4	21	25	14	10	24	113	114	226
On foot	6	29	34	19	14	33	157	158	315
Other	0	1	1	1	1	1	7	7	13
total	34	172	206	117	82	199	940	947	1887

Mode	AM			PM			Daily		
	Trips in	Trips out	Total	Trips in	Trips out	Total	Trips in	Trips out	Total
Underground, Metro, Light Rail, Tram	12	62	74	42	30	72	342	345	687
Train	3	17	20	11	8	19	92	93	185
Bus, Minibus or Coach	12	60	72	42	29	71	336	338	674
Taxi	0	1	2	1	1	1	7	7	14
Motorcycle, Scooter or Moped	0	3	3	2	1	3	14	14	28
Driving in a car or van	1	4	5	3	2	5	24	24	48
Passenger in a car or van	0	1	2	1	1	2	8	8	16
Bicycle	5	25	30	17	12	30	140	141	281
On foot	7	35	42	24	17	41	195	196	391
Other	0	1	2	1	1	2	8	8	16
total	41	210	250	144	102	246	1166	1175	2341

Mode (with parking)	AM			PM			Daily		
	Trips in	Trips out	Total	Trips in	Trips out	Total	Trips in	Trips out	Total
Underground, Metro, Light Rail, Tram	2	10	11	7	5	12	58	58	116
Train	0	3	3	2	1	3	16	16	31
Bus, Minibus or Coach	2	10	11	7	5	12	57	57	114
Taxi	0	0	0	0	0	0	1	1	3
Motorcycle, Scooter or Moped	0	0	1	0	0	1	3	3	5
Driving in a car or van	1	4	5	3	2	5	24	24	48
Passenger in a car or van	0	0	0	0	0	0	2	2	3
Bicycle	1	5	5	3	2	6	27	27	54
On foot	1	6	7	5	3	8	38	38	76
Other	0	0	0	0	0	0	2	2	3
total	7	38	45	28	20	47	226	228	454

Mode (car free)	AM			PM			Daily		
	Trips in	Trips out	Total	Trips in	Trips out	Total	Trips in	Trips out	Total
Underground, Metro, Light Rail, Tram	23	116	139	79	55	134	633	638	1271
Train	6	31	37	21	15	36	171	172	343
Bus, Minibus or Coach	23	113	136	77	54	131	621	626	1247
Taxi	0	2	3	2	1	3	13	13	25
Motorcycle, Scooter or Moped	1	5	5	3	2	5	25	25	50
Driving in a car or van	0	0	0	0	0	0	0	0	0
Passenger in a car or van	1	3	3	2	1	3	15	15	29
Bicycle	9	46	55	31	22	53	251	253	504
On foot	13	64	77	43	31	74	349	352	702
Other	1	3	3	2	1	3	15	15	29
total	76	382	458	260	183	443	2093	2108	4201

Mode	AM			PM			Daily		
	Trips in	Trips out	Total	Trips in	Trips out	Total	Trips in	Trips out	Total
Underground, Metro, Light Rail, Tram	25	125	150	86	60	146	691	696	1388
Train	7	34	40	23	16	39	186	188	374
Bus, Minibus or Coach	24	123	147	84	59	143	678	683	1361
Taxi	0	3	3	2	1	3	14	14	28
Motorcycle, Scooter or Moped	1	5	6	3	2	6	28	28	56
Driving in a car or van	1	4	5	3	2	5	24	24	48
Passenger in a car or van	1	3	4	2	1	3	16	16	33
Bicycle	10	50	60	34	24	59	278	280	559
On foot	14	70	84	48	34	82	387	390	777
Other	1	3	4	2	1	3	16	16	33
total	83	420	503	287	203	490	2318	2336	4655

Mode (with parking)	AM			PM			Daily		
	Trips in	Trips out	Total	Trips in	Trips out	Total	Trips in	Trips out	Total
Underground, Metro, Light Rail, Tram	0	0	0	0	0	0	0	0	0
Train	0	0	0	0	0	0	0	0	0
Bus, Minibus or Coach	0	0	0	0	0	0	0	0	0
Taxi	0	0	0	0	0	0	0	0	0
Motorcycle, Scooter or Moped	0	0	0	0	0	0	0	0	0
Driving in a car or van	0	0	0	0	0	0	0	0	0
Passenger in a car or van	0	0	0	0	0	0	0	0	0
Bicycle	0	0	0	0	0	0	0	0	0
On foot	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0
total	0	0	0	0	0	0	0	0	0

Mode (car free)	AM			PM			Daily		
	Trips in	Trips out	Total	Trips in	Trips out	Total	Trips in	Trips out	Total
Underground, Metro, Light Rail, Tram	13	64	76	43	31	74	349	351	700
Train	3	17	21	12	8	20	94	95	189
Bus, Minibus or Coach	12	62	75	42	30	72	342	345	687
Taxi	0	1	2	1	1	1	7	7	14
Motorcycle, Scooter or Moped	1	3	3	2	1	3	14	14	28
Driving in a car or van	0	0	0	0	0	0	0	0	0
Passenger in a car or van	0	1	2	1	1	2	8	8	16
Bicycle	5	25	30	17	12	29	138	139	278
On foot	7	35	42	24	17	41	192	194	386
Other	0	1	2	1	1	2	8	8	16
total	42	210	252	143	101	244	1153	1161	2314

Mode	AM			PM			Daily		
	Trips in	Trips out	Total	Trips in	Trips out	Total	Trips in	Trips out	Total
Underground, Metro, Light Rail, Tram	13	64	76	43	31	74	349	351	700
Train	3	17	21	12	8	20	94	95	189
Bus, Minibus or Coach	12	62	75	42	30	72	342	345	687
Taxi	0	1	2	1	1	1	7	7	14
Motorcycle, Scooter or Moped	1	3	3	2	1	3	14	14	28
Driving in a car or van	0	0	0	0	0	0	0	0	0
Passenger in a car or van	0	1	2	1	1	2	8	8	16
Bicycle	5	25	30	17	12	29	138	139	278
On foot	7	35	42	24	17	41	192	194	386
Other	0	1	2	1	1	2	8	8	16
total	42	210	252	143	101	244	1,153	1,161	2,314

TRAVL - Average Trip Rate by Mode and Time

Report ID 9

List of Surveys:

Name	Address	PTAL	Resi Units	Parking	Postcode	Survey Date
Albion Wharf (Affordable)	6 Hester Road,	4	45	0	SW11 4AL	19/04/2005
Coopers Court (Private)	Church Road, Acton	5	77	77	W3 8PN	22/09/2005
Green Dragon House	Green Dragon House, Stukeley Street, Camden, WC2H 5LQ				WC2H 5LQ	11/09/2008
		6	29	0		
Merryweather Place	Merryweather Place Greenwich High Road				SE10 8EW	03/11/2011
		4	226	104		
Parliament View Apts (Private)	Albert Embankment	4	190	155	SE1 7XH	23/11/2004
Sewardstone Road	Sewardstone Road Tower Hamlets				E2 9JN	14/06/2012
		3	67	28		
Stanley Close	Stanley Close Greenwich, London				SE9 2DR	24/04/2008
		3	156	175		
	Average		82	70	0.9	

Counts By Mode:**Mode:** All Modes

Time Banc	No of Sites	Trip Rate In	Trip Rate Out	Total Trip Rate
07:00-07:3	4	0.00304	0.13982	0.14286
07:30-08:0	4	0.03647	0.22188	0.25836
08:00-08:3	4	0.06079	0.31307	0.37386
08:30-09:0	4	0.04559	0.42553	0.47112
09:00-09:3	4	0.10030	0.13982	0.24012
09:30-10:0	4	0.10638	0.08511	0.19149
10:00-10:3	4	0.05471	0.15198	0.20669
10:30-11:0	4	0.05775	0.11550	0.17325
11:00-11:3	4	0.08511	0.07903	0.16413
11:30-12:0	4	0.08207	0.09119	0.17325
12:00-12:3	4	0.10030	0.07903	0.17933
12:30-13:0	4	0.10638	0.07295	0.17933
13:00-13:3	4	0.11246	0.10942	0.22188
13:30-14:0	4	0.07295	0.10638	0.17933
14:00-14:3	4	0.11246	0.09726	0.20973
14:30-15:0	4	0.09726	0.11854	0.21581
15:00-15:3	4	0.15502	0.14894	0.30395
15:30-16:0	4	0.32523	0.11550	0.44073
16:00-16:3	4	0.16413	0.12158	0.28571
16:30-17:0	4	0.17325	0.13678	0.31003
17:00-17:3	4	0.24924	0.16413	0.41337
17:30-18:0	4	0.29179	0.18541	0.47720
18:00-18:3	4	0.26444	0.15805	0.42249
18:30-19:0	4	0.27356	0.13678	0.41033
19:00-19:3	4	0.17325	0.13374	0.30699
19:30-20:0	4	0.27356	0.19757	0.47112
20:00-20:3	4	0.18541	0.08511	0.27052
20:30-21:0	4	0.16413	0.12462	0.28875
21:00-21:3	4	0.11854	0.06079	0.17933
21:30-22:0	4	0.12158	0.10030	0.22188
22:00-22:30		0.0000	0.0000	0.0000

CAR FREE	199
WITH PARKING	50

Mode (with parking)	AM			PM			Daily		
	Trips in	Trips out	Total	Trips in	Trips out	Total	Trips in	Trips out	Total
Underground, Metro, Light Rail, Tram	1	9	11	7	4	11	53	54	107
Train	0	3	3	2	1	3	14	15	29
Bus, Minibus or Coach	1	9	11	7	4	11	52	53	105
Taxi	0	0	0	0	0	0	1	1	2
Motorcycle, Scooter or Moped	0	0	1	0	0	1	3	3	5
Driving in a car or van	1	4	4	3	2	5	22	22	44
Passenger in a car or van	0	0	0	0	0	0	2	2	3
Bicycle	1	4	5	3	2	5	25	25	50
On foot	1	6	7	5	3	7	35	35	70
Other	0	0	0	0	0	0	1	2	3
total	5	37	42	27	17	45	208	211	419

Mode (without parking)	AM			PM			Daily		
	Trips in	Trips out	Total	Trips in	Trips out	Total	Trips in	Trips out	Total
Underground, Metro, Light Rail, Tram	6	44	51	33	21	54	251	254	505
Train	2	12	14	9	6	14	68	69	136
Bus, Minibus or Coach	6	44	50	32	21	53	246	249	495
Taxi	0	1	1	1	0	1	5	5	9
Motorcycle, Scooter or Moped	0	2	2	1	1	2	10	10	21
Driving in a car or van	0	0	0	0	0	0	0	0	0
Passenger in a car or van	0	1	1	1	1	1	6	6	12
Bicycle	3	18	20	13	8	21	100	101	200
On foot	4	25	28	18	12	30	138	140	278
Other	0	1	1	1	0	1	6	6	12
total	21	147	168	108	70	177	829	839	1668

Using TfL
Methodology

Total Trip Generation by Mode	AM			PM			Daily		
	Trips in	Trips out	Total	Trips in	Trips out	Total	Trips in	Trips out	Total
Underground, Metro, Light Rail, Tram	8	54	62	40	26	65	304	308	612
Train	2	15	17	11	7	18	82	83	165
Bus, Minibus or Coach	8	53	60	39	25	64	298	302	600
Taxi	0	1	1	1	0	1	6	6	12
Motorcycle, Scooter or Moped	0	2	3	2	1	3	13	13	26
Driving in a car or van	1	4	4	3	2	5	22	22	44
Passenger in a car or van	0	1	2	1	1	2	8	8	15
Bicycle	3	22	25	16	10	27	125	126	251
On foot	4	31	35	22	15	37	173	175	348
Other	0	1	2	1	1	2	7	8	15
total	26	184	210	135	87	222	1038	1050	2087

CAR FREE	443
WITH PARKING	50

Mode (with parking)	AM			PM			Daily		
	Trips in	Trips out	Total	Trips in	Trips out	Total	Trips in	Trips out	Total
Underground, Metro, Light Rail, Tram	1	9	11	7	4	11	53	54	107
Train	0	3	3	2	1	3	14	15	29
Bus, Minibus or Coach	1	9	11	7	4	11	52	53	105
Taxi	0	0	0	0	0	0	1	1	2
Motorcycle, Scooter or Moped	0	0	1	0	0	1	3	3	5
Driving in a car or van	1	4	4	3	2	5	22	22	44
Passenger in a car or van	0	0	0	0	0	0	2	2	3
Bicycle	1	4	5	3	2	5	25	25	50
On foot	1	6	7	5	3	7	35	35	70
Other	0	0	0	0	0	0	1	2	3
total	5	37	42	27	17	45	208	211	419

Mode (without parking)	AM			PM			Daily		
	Trips in	Trips out	Total	Trips in	Trips out	Total	Trips in	Trips out	Total
Underground, Metro, Light Rail, Tram	14	99	113	73	47	119	559	565	1124
Train	4	27	31	20	13	32	151	153	303
Bus, Minibus or Coach	14	97	111	71	46	117	548	554	1102
Taxi	0	2	2	1	1	2	10	10	20
Motorcycle, Scooter or Moped	1	4	5	3	2	5	23	23	46
Driving in a car or van	0	0	0	0	0	0	0	0	0
Passenger in a car or van	0	2	3	2	1	3	14	14	27
Bicycle	6	39	45	29	19	47	222	224	446
On foot	8	55	62	40	26	66	308	311	619
Other	0	2	3	2	1	3	13	13	27
total	47	327	374	240	155	395	1846	1868	3714

Using TfL
Methodology

Total Trip Generation by Mode	AM			PM			Daily		
	Trips in	Trips out	Total	Trips in	Trips out	Total	Trips in	Trips out	Total
Underground, Metro, Light Rail, Tram	16	108	124	79	51	131	612	619	1231
Train	4	29	33	21	14	35	165	167	332
Bus, Minibus or Coach	15	106	122	78	50	128	600	607	1207
Taxi	0	2	2	1	1	2	11	11	23
Motorcycle, Scooter or Moped	1	4	5	3	2	5	25	26	51
Driving in a car or van	1	4	4	3	2	5	22	22	44
Passenger in a car or van	0	3	3	2	1	3	15	15	30
Bicycle	6	44	50	32	21	53	247	249	496
On foot	9	61	69	44	29	73	343	347	689
Other	0	3	3	2	1	3	15	15	30
total	52	364	417	267	172	439	2054	2078	4133

Mode (with parking)	AM			PM			Daily		
	Trips in	Trips out	Total	Trips in	Trips out	Total	Trips in	Trips out	Total
Underground, Metro, Light Rail, Tram	0	0	0	0	0	0	0	0	0
Train	0	0	0	0	0	0	0	0	0
Bus, Minibus or Coach	0	0	0	0	0	0	0	0	0
Taxi	0	0	0	0	0	0	0	0	0
Motorcycle, Scooter or Moped	0	0	0	0	0	0	0	0	0
Driving in a car or van	0	0	0	0	0	0	0	0	0
Passenger in a car or van	0	0	0	0	0	0	0	0	0
Bicycle	0	0	0	0	0	0	0	0	0
On foot	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0
total	0	0	0	0	0	0	0	0	0

Mode (without parking)	AM			PM			Daily		
	Trips in	Trips out	Total	Trips in	Trips out	Total	Trips in	Trips out	Total
Underground, Metro, Light Rail, Tram	8	55	62	40	26	66	308	311	619
Train	2	15	17	11	7	18	83	84	167
Bus, Minibus or Coach	8	53	61	39	25	64	302	305	607
Taxi	0	1	1	1	0	1	6	6	11
Motorcycle, Scooter or Moped	0	2	3	2	1	3	13	13	25
Driving in a car or van	0	0	0	0	0	0	0	0	0
Passenger in a car or van	0	1	2	1	1	2	7	8	15
Bicycle	3	22	25	16	10	26	122	123	246
On foot	4	30	34	22	14	36	170	172	341
Other	0	1	1	1	1	2	7	7	15
total	26	180	206	132	85	217	1017	1029	2045

Using TfL
Methodology

Total Trip Generation by Mode	AM			PM			Daily		
	Trips in	Trips out	Total	Trips in	Trips out	Total	Trips in	Trips out	Total
Underground, Metro, Light Rail, Tram	8	55	62	40	26	66	308	311	619
Train	2	15	17	11	7	18	83	84	167
Bus, Minibus or Coach	8	53	61	39	25	64	302	305	607
Taxi	0	1	1	1	0	1	6	6	11
Motorcycle, Scooter or Moped	0	2	3	2	1	3	13	13	25
Driving in a car or van	0	0	0	0	0	0	0	0	0
Passenger in a car or van	0	1	2	1	1	2	7	8	15
Bicycle	3	22	25	16	10	26	122	123	246
On foot	4	30	34	22	14	36	170	172	341
Other	0	1	1	1	1	2	7	7	15
total	26	180	206	132	85	217	1017	1029	2045