

Appendix 4.3

Key Assumptions for EMFAC-HK Model

Technology Fractions

01: Private Cars (PC)		
Year	Index	Percentage
1972-1975	1	100
1976	1	93.3333
	171	6.6667
1977	1	95
	171	2.5
	172	2.5
1978	1	91.8919
	172	8.1081
1979	1	95.9184
	171	2.0408
	172	2.0408
1980	1	96.4286
	171	2.381
	172	1.1905
1981	1	91.7647
	171	7.0588
	172	1.1765
1982	1	97.1429
	171	2.8571
1983	1	80.5556
	171	11.1111
	172	8.3333
1984	1	80.8511
	171	12.766
	172	6.383
1985	1	91.8605
	171	5.814
	172	2.3256
1986	1	84.1772
	171	15.1899
	172	0.6329
1987	1	83
	171	12.5
	172	4.5
1988	1	84.2949
	171	13.4615
	172	2.2436
1989	1	83.7209
	171	13.7421
	172	2.537
1990	1	82.8571
	171	14.4361
	172	2.7068
1991	1	85.5993
	171	11.0912
	172	3.3095
1992	8	95.1748
	171	3.6435
	172	1.1817
1993	8	95.0167
	171	3.48
	172	1.5033
1994	8	97.2656
	171	1.8075
	172	0.9269
1995	8	35.6866
	10	61.3433
	171	0.4328
	172	0.194
	173	2.3433
1996	10	98.2201
	173	1.7799
1997	10	17.6466
	13	81.2693
	173	1.0841
1998	13	99.4614
	173	0.5386
1999-2000	13	100
2001	23	100
2002	23	99.9964
	173	0.0036
2003	23	99.9953
	173	0.0047
2004-2005	23	100
2006-2008	24	100
2009	24	99.7024
	176	0.2976
2010-2012	24	99.627
	176	0.373
2013-2016	29	99.627
	175	0.373

03: Taxi		
Year	Index	Percentage
1972-1995	71	100
1996	73	100
1997-2002	14	100
2003	14	65.6403
	25	34.3597
2004-2005	25	100
2006-2012	22	100
2013-2016	27	100

04: Light Goods Vehicles<=2.5t		
Year	Index	Percentage
1972-1984	179	100
1985	1	66.6667
	179	33.3333
1986	1	20
	179	70
	180	10
1987	1	9.8039
	179	84.3137
	180	5.8824
1988	1	16.9014
	179	76.0563
	180	7.0423
1989	1	9.901
	179	81.1881
	180	8.9109
1990	1	4.5752
	179	86.9281
	180	8.4967
1991	1	12.1622
	179	74.3243
	180	13.5135
1992	8	4.918
	179	77.0492
	180	18.0328
1993	8	8.0808
	179	76.7677
	180	15.1515
1994	8	7.3826
	179	70.4698
	180	22.1477
1995	8	9.0909
	9	46.9697
	179	28.7879
	180	12.1212
	181	3.0303
1996	9	60
	181	40
1997	9	50
	181	50
1998	181	100
1999	15	40
	182	60
2000	15	87.5
	182	12.5
2001	15	70
	182	30
2002	18	100
2003	18	80
	183	20
2004	183	100
2005	18	66.6667
	183	33.3333
2006	18	33.3333
	183	66.6667
2007-2012	184	100
2013-2016	185	100

05: Lt Goods Vehicles 2.5-3.5t		
Year	Index	Percentage
1972-1984	179	100
1985	180	100
1986	179	50
	180	50
1987	179	100
1988	1	4.7619
	179	85.7143
	180	9.5238
1989	179	68.4211
	180	31.5789
1990	1	0.6369
	179	84.7134
	180	14.6497
1991	1	0.3205
	179	85.2564
	180	14.4231
1992	179	82.631
	180	17.369
1993	1	0.2753
	179	82.9319
	180	16.7928
1994	1	0.5427
	179	80.7327
	180	18.7246
1995	1	0.313
	179	22.5352
	180	5.9468
	181	71.205
1996	9	0.1352
	181	99.8648
1997	9	0.2244
	181	99.7756
1998	9	0.9566
	15	0.1196
	181	76.0462
	182	22.8776
1999	15	2.5033
	182	97.4967
2000	15	8.226
	182	91.774
2001	15	6.5913
	182	93.4087
2002	18	3.0734
	183	96.9266
2003	18	3.0915
	183	96.9085
2004	18	3.3868
	183	96.6132
2005	18	2.1291
	183	97.8709
2006	18	5.7519
	183	94.2481
2007	28	5.4498
	184	94.5502
2008	28	1.5377
	184	98.4623
2009	28	2.7397
	184	97.2603
2010-2012	28	1.2385
	184	98.7615
2013-2016	30	1.2385
	185	98.7615

Technology Fractions

06: Lt Goods Vehicles 3.5-5.5t		
Year	Index	Percentage
1972-1994	121	100
1995	121	29.7925
	122	70.2075
1996	122	100
1997	122	20.7595
	127	79.2405
1998-2000	127	100
2001	127	79.2699
	128	20.7301
2002-2005	128	100
2006	128	76.3828
	132	23.6172
2007-2012	132	100
2013-2015	133	100
2016	134	100

07: Heavy Goods Vehicles 5.5-15t		
Year	Index	Percentage
1972-1994	124	100
1995	124	32.4937
	125	67.5063
1996	125	100
1997	125	20.5433
	126	79.4567
1998-2000	126	100
2001	126	74.8219
	129	25.1781
2002-2005	129	100
2006	129	77.3723
	130	22.6277
2007-2012	130	100
2013-2015	131	100
2016	135	100

08: Heavy Goods Vehicles >=15t		
Year	Index	Percentage
1972-1994	155	100
1995	154	69.6881
	155	30.3119
1996	154	100
1997	154	18.9468
	157	81.0532
1998-2000	157	100
2001	157	84.4295
	159	15.5705
2002-2005	159	100
2006	159	75.9365
	160	24.0635
2007-2012	160	100
2013-2015	161	100
2016	162	100

11: Public Light Buses		
Year	Index	Percentage
1972-1989	187	100
1990-1992	188	100
1993	187	66.6667
	188	33.3333
1994	187	30
	188	70
1995	187	1.8182
	188	10.9091
1996-1997	189	87.2727
	189	100
1998	189	70.8029
	190	29.1971
1999-2000	190	100
2001	49	8.8235
	190	91.1765
2002	49	89.3082
	190	10.6918
2003	49	72.5877
	190	5.7018
	191	21.7105
2004	49	78.0886
	191	21.9114
2005	49	92.4138
	191	7.5862
2006	49	55.2632
	50	23.6842
	191	17.1053
	192	3.9474
2007	50	45.4545
	192	54.5455
2008	50	57.4163
	192	42.5837
2009	50	85.2273
	192	14.7727
2010-2012	50	76.2195
	192	23.7805
2013-2016	51	76.2195
	193	23.7805

Technology Fractions

12: Private Light Bus <=3.5t		
Year	Index	Percentage
1972-1991	79	100
1992	79	64.2857
	80	35.7143
1993	79	66.6667
	80	33.3333
1994	79	60.6061
	80	39.3939
1995	79	16.6662
	80	2.7778
	81	80.556
1996	81	100
1997	7	18.75
	81	81.25
1998	7	12.3457
	16	27.1605
	81	44.4444
	82	16.0494
1999	16	36.8421
	82	63.1579
2000	16	86.5385
	82	13.4615
2001	16	83.0769
	82	16.9231
2002	17	85.9031
	83	14.0969
2003	17	90.5738
	83	9.4262
2004	17	94.4954
	83	5.5046
2005	17	98.1481
	83	1.8519
2006	17	90.1961
	83	9.8039
2007	26	99.2453
	84	0.7547
2008	26	79.8319
	84	20.1681
2009	26	99.6942
	84	0.3058
2010-2012	26	86.3158
	84	13.6842
2013-2016	31	86.3158
	85	13.6842

13: Private Light Bus >3.5t		
Year	Index	Percentage
1972-1984	87	100
1985	88	100
1986	87	100
1987	87	66.6667
	88	33.3333
1988	87	57.1429
	88	42.8571
1989	87	80.9524
	88	19.0476
1990	87	90
	88	10
1991	87	81.5789
	88	18.4211
1992	87	75
	88	25
1993	87	80.3279
	88	19.6721
1994	87	63.4409
	88	36.5591
1995	87	6.8627
	88	8.8235
	89	84.3137
1996	89	100
1997	33	1.3158
	89	98.6842
1998	89	78.4615
	200	21.5385
1999	34	1.3333
	200	98.6667
2000	149	0.9804
	200	99.0196
2001	149	4.1667
	200	95.8333
2002	149	65.2174
	200	34.7826
2003	149	81.6514
	200	7.3394
	201	11.0092
2004	149	75
	201	25
2005	149	53.9683
	201	46.0317
	149	54.6296
	150	18.5185
2006	201	23.1481
	202	3.7037
	150	59.2391
2007	202	40.7609
	36	3.1348
2008	150	41.3793
	202	55.4859
	150	57.0423
2009	202	42.9577
	150	56.5891
2010-2012	202	43.4109
	151	56.5891
2013-2015	203	43.4109
	152	56.5891
	204	43.4109

14: Non-franchised Bus <=6.4t		
Year	Index	Percentage
1972-1994	91	100
1995	91	17.8571
	92	82.1429
1996	92	100
1997	92	6.9565
	97	93.0435
1998-2000	97	100
2001	97	82.134
	98	17.866
2002-2005	98	100
2006	98	86.4407
	102	13.5593
2007-2012	102	100
2013-2015	103	100
	2016	104

15: Non-franchised Bus 6.4-15t		
Year	Index	Percentage
1972-1994	44	100
1995	44	14.2857
	45	85.7143
1996	45	100
1997	45	19.5652
	46	80.4348
1998-2000	46	100
2001	46	67.6724
	99	32.3276
2002-2005	99	100
2006	99	82.3529
	100	17.6471
2007-2012	100	100
2013-2015	101	100
	2016	105

Technology Fractions

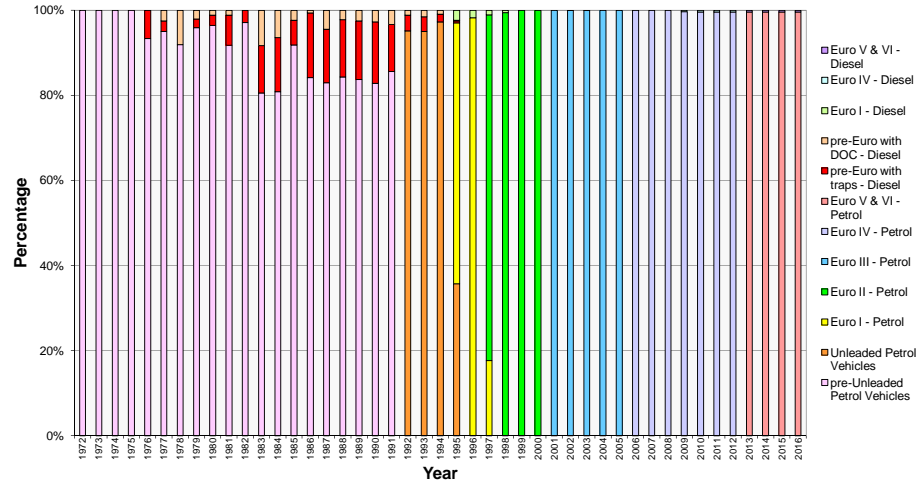
16: Non-franchised Bus >15t		
Year	Index	Percentage
1972-1994	55	100
1995	54	78.9474
	55	21.0526
1996	54	100
1997	54	9.5238
	57	90.4762
1998-2000	57	100
2001	57	65.1852
	59	34.8148
2002-2005	59	100
2006	59	70.6806
	60	29.3194
2007-2012	60	100
2013-2015	61	100
2016	62	100

17: Franchised Bus (SD)		
Year	Index	Percentage
1972-1993	107	100
1994-1995	109	100
1996	109	33.3333
	111	66.6667
1997	111	100
1998	110	9.7087
	111	90.2913
1999	110	8.3333
	111	91.6667
	110	7.1429
2000	111	92.8571
	111	100
2002	110	100
2003	112	7.1429
	113	50
	117	42.8571
2004	112	9.0909
	113	45.4545
	117	45.4545
2005	112	8.6957
	113	47.8261
	117	43.4783
2006	112	7.1429
	113	50
	117	42.8571
2007	113	22.2222
	114	55.5556
	117	22.2222
2008-2009	114	100
2010-2012	114	14.0351
	116	85.9649
2013-2015	116	100
2016	118	100

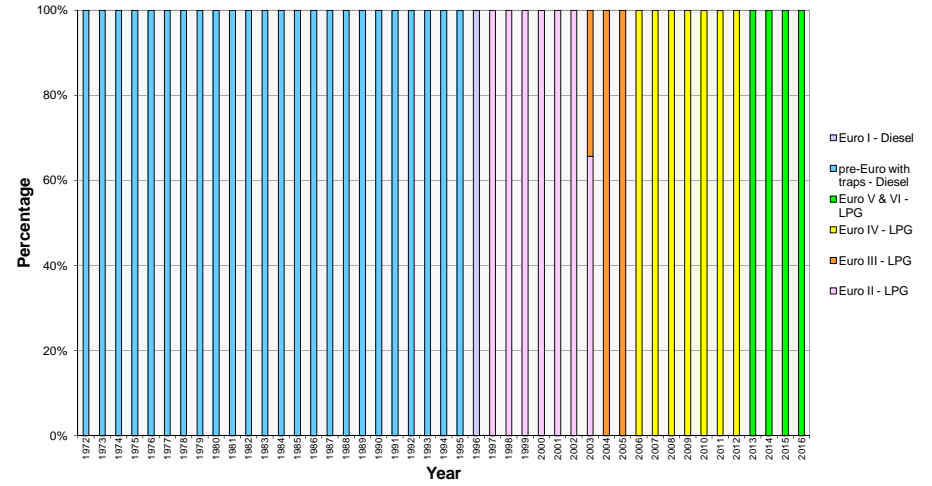
18: Franchised Bus (DD)		
Year	Index	Percentage
1972-1992	217	100
1993	217	82.4742
	219	17.5258
1994	217	9.6886
	219	90.3114
1995	219	100
1996	219	94.832
	220	0.5168
	221	4.6512
1997	219	30.0401
	220	7.0761
	221	62.8838
1998	219	0.1091
	220	10.1418
	221	89.7492
1999	220	10.0823
	221	89.9177
	220	10.0264
2000	221	89.9736
	220	5
2001	221	43.6111
	222	4.7222
	223	24.7222
	227	21.9444
2002	221	0.7335
	222	9.0465
	223	47.4328
	227	42.7873
2003	222	8.9005
	223	48.1675
	227	42.9319
2004	222	9.1429
	223	48
	227	42.8571
2005	222	10
	223	48
	227	42
2006	222	8.8496
	223	46.9027
	224	1.7699
	227	42.4779
2007	222	8.9552
	223	43.2836
	224	8.9552
	227	38.806
2008	222	4.3478
	223	23.913
	224	52.1739
	227	19.5652
2009	224	100
2010-2012	224	28.2828
	226	71.7172
2013-2015	226	100
2016	215	100

19: Motorcycles (MC)		
Year	Index	Percentage
1972-1998	263	100
1999	263	72.9358
	266	27.0642
2000-2008	266	100
2009-2016	277	100

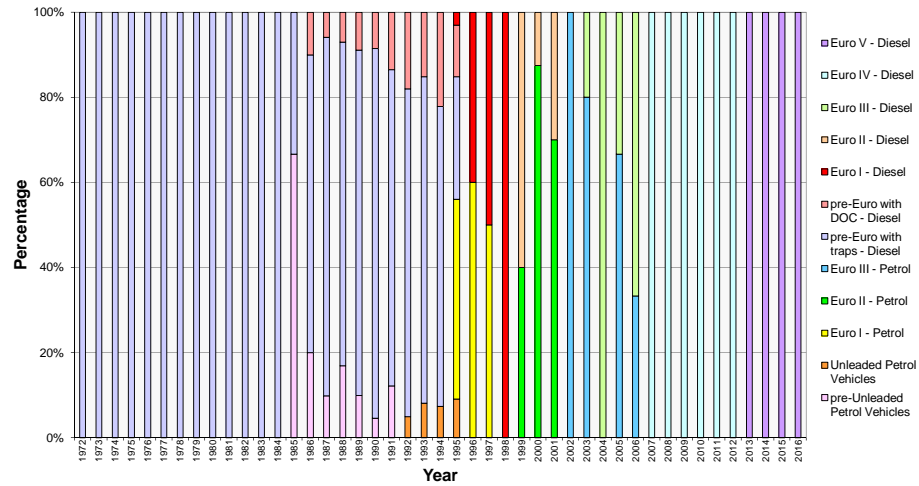
Private Cars (PC) Exhaust Technology Percentage Year 1972 - 2016



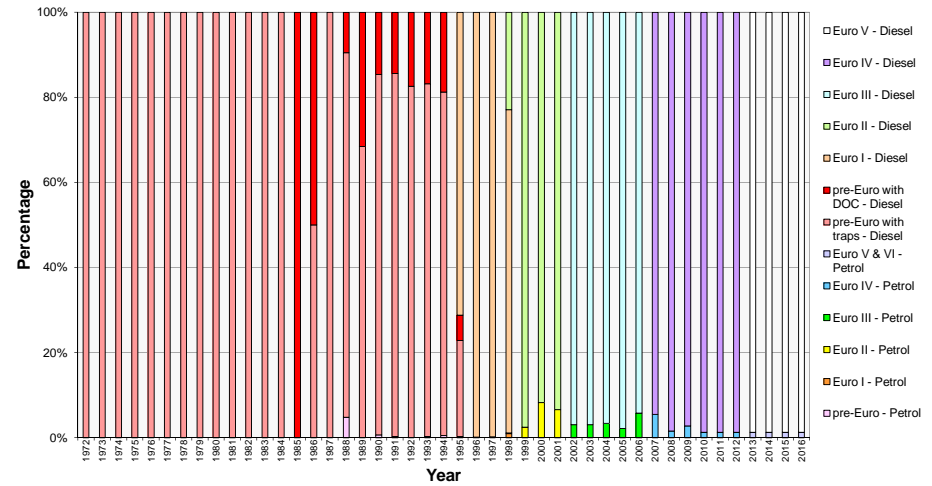
Taxi Exhaust Technology Percentage Year 1972 - 2016



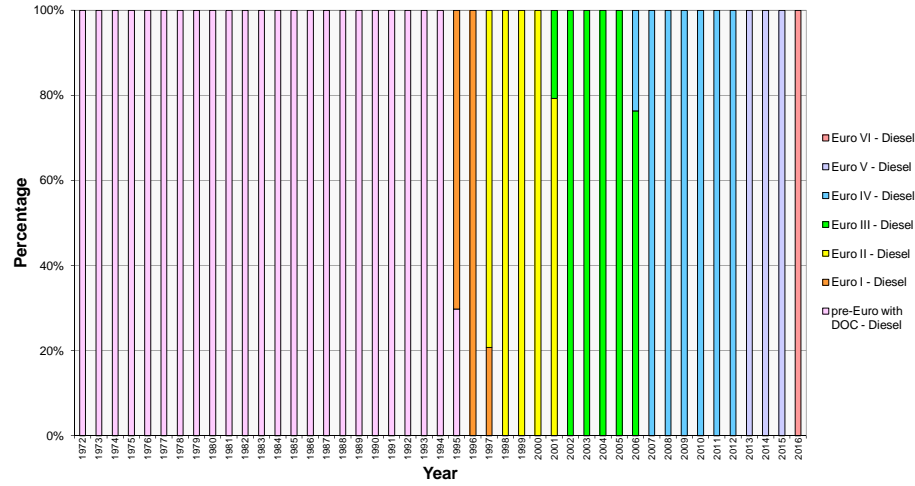
Light Goods Vehicles <=2.5t Exhaust Technology Percentage Year 1972 - 2016



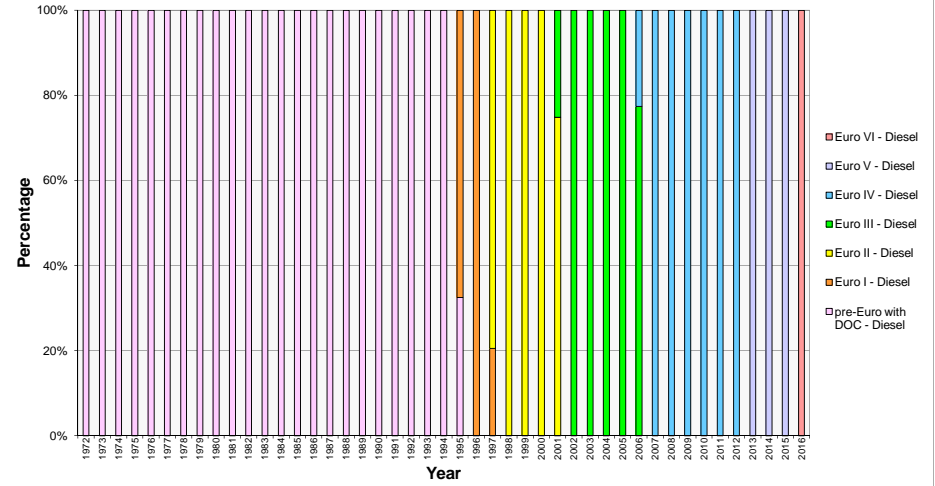
Lt Goods Vehicles 2.5-3.5t Exhaust Technology Percentage Year 1972 - 2016



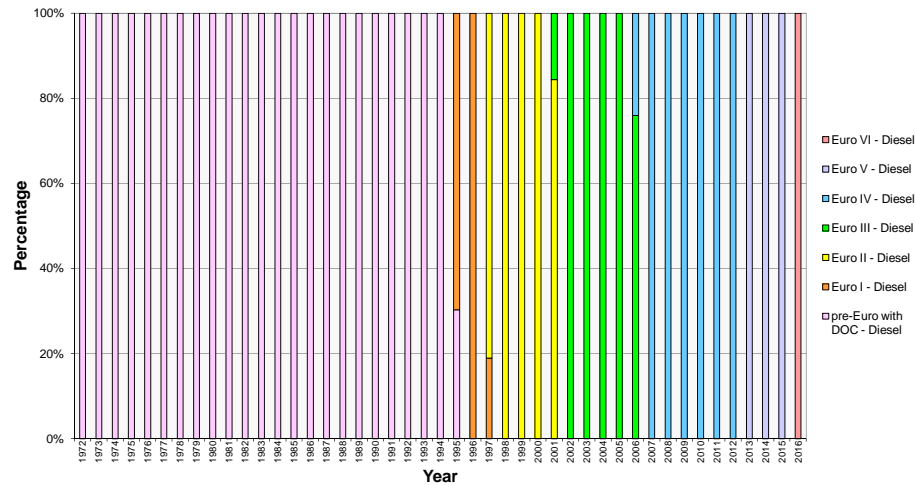
Lt Goods Vehicles 3.5-5.5t Exhaust Technology Percentage Year 1972 - 2016



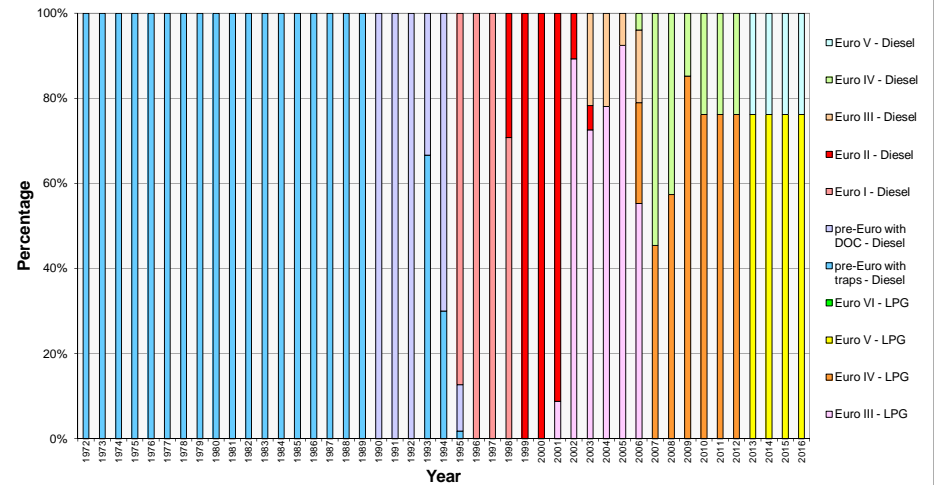
Heavy Goods Vehicles 5.5-15t Exhaust Technology Percentage Year 1972 - 2016



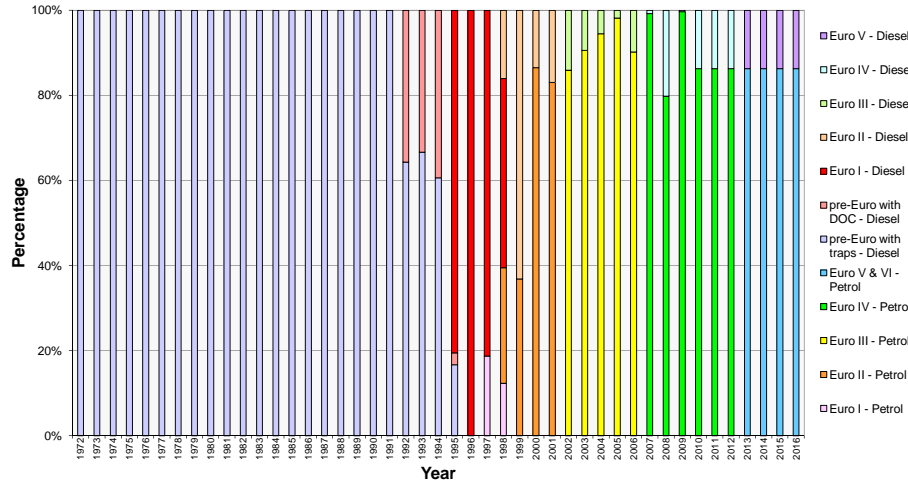
Heavy Goods Vehicles >=15t Exhaust Technology Percentage Year 1972 - 2016



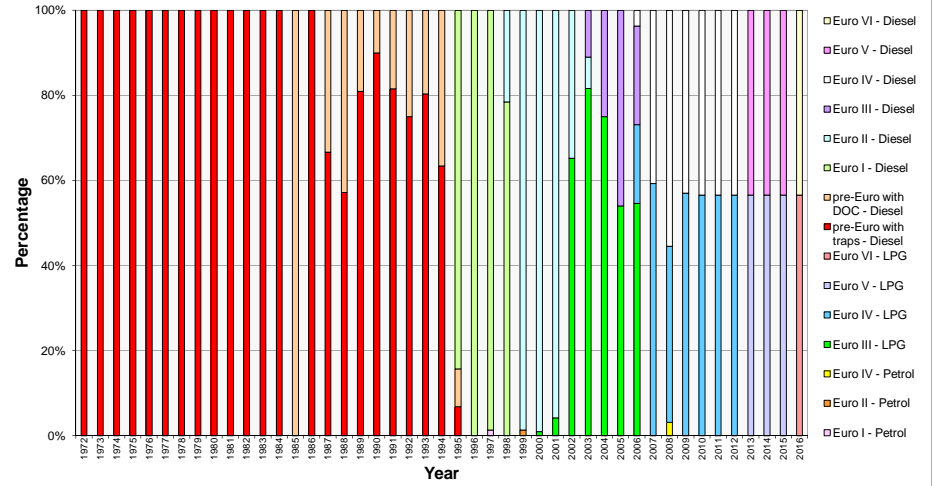
Public Light Buses Exhaust Technology Percentage Year 1972 - 2016



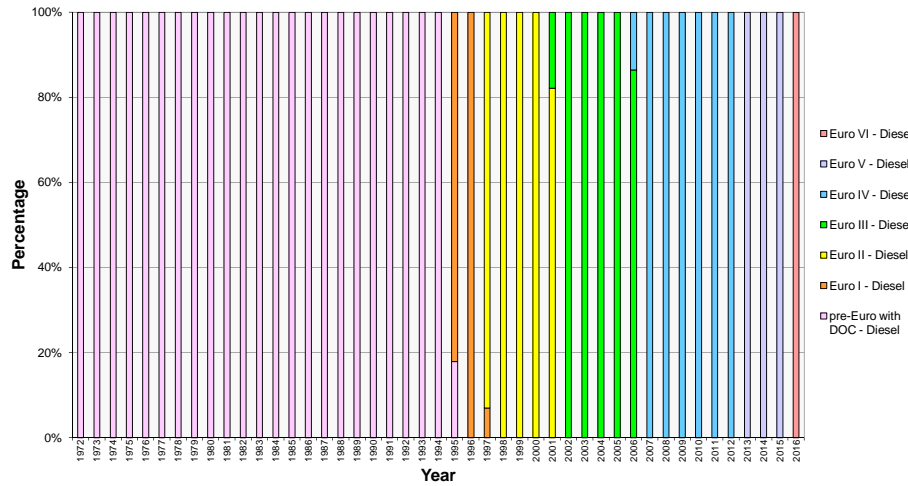
Private Light Bus <=3.5t Exhaust Technology Percentage Year 1972 - 2016



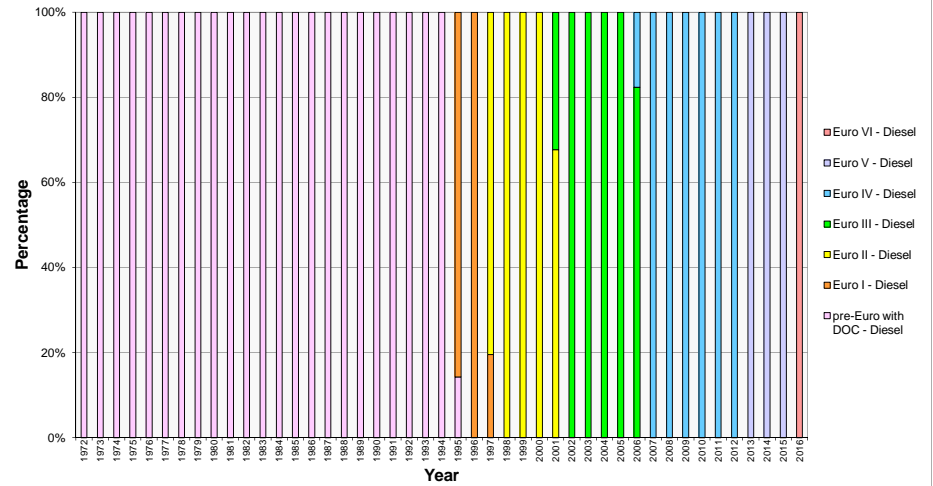
Private Light Bus >3.5t Exhaust Technology Percentage Year 1972 - 2016



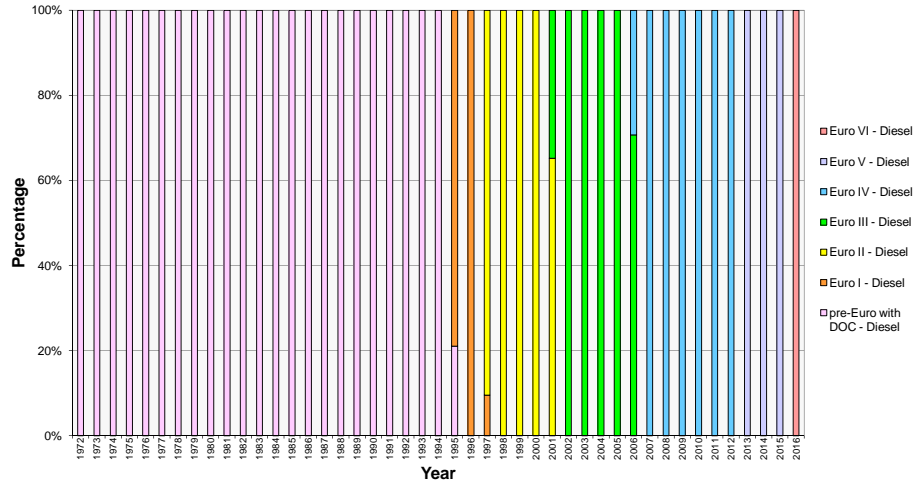
Non-franchised Bus <=6.4t Exhaust Technology Percentage Year 1972 - 2016



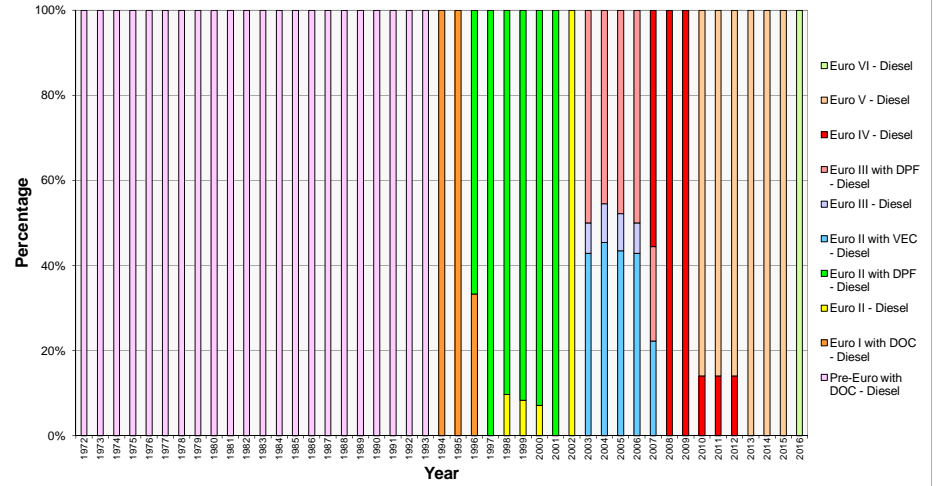
Non-franchised Bus 6.4-15t Exhaust Technology Percentage Year 1972 - 2016



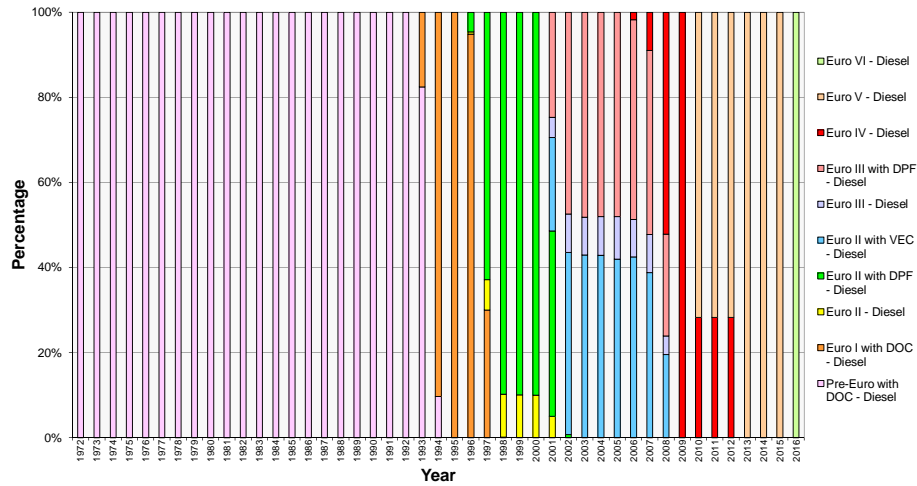
Non-franchised Bus >15t Exhaust Technology Percentage Year 1972 - 2016



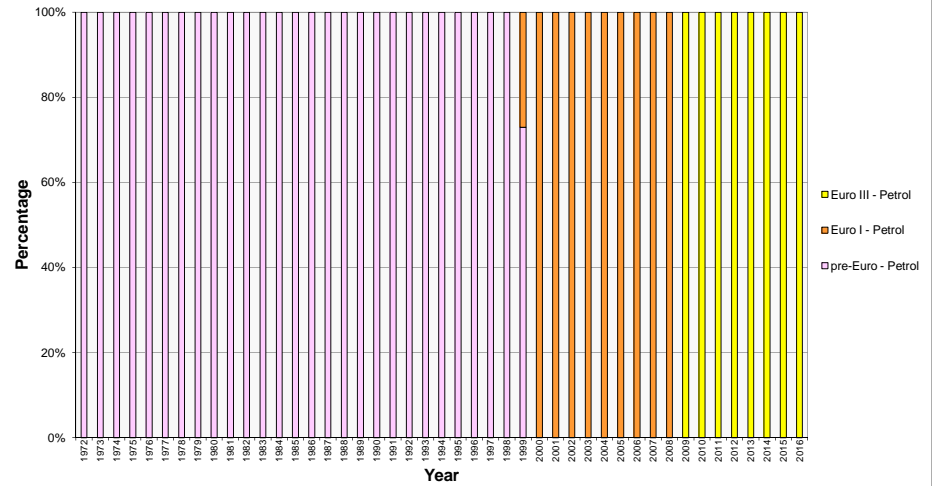
Franchised Bus (SD) Exhaust Technology Percentage Year 1972 - 2016



Franchised Bus (DD) Exhaust Technology Percentage Year 1972 - 2016



Motorcycles (MC) Exhaust Technology Percentage Year 1972 - 2016



Hourly Temperature Data in °C from King's Park Meteorological Station 2011																									
	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24	
1-Jan	13.9	13.7	13.5	13	12.7	12.4	12.2	12.1	13.4	15	16.2	16.4	16.9	16.9	16.6	16	15.3	14.5	14.4	14.6	14.8	15	14.9	14.6	
2-Jan	14.3	14	13.8	13.5	13.3	13.2	13.5	13.7	13.3	13.7	14	14.7	14.9	15.2	16	15.4	14.9	14.7	14.8	15	15.1	15.1	14.9	14.8	
3-Jan	14.7	14.3	14	13.8	13.7	13.3	13	12.7	12.4	12.6	12.5	12.7	12.8	13.2	12.9	12.8	13.2	13	13.4	13.1	13.5	13.4	13.2	12.5	
4-Jan	12.1	12.4	12	11.5	11.8	11.3	11.7	11.3	11.9	12	12.4	12.7	13.2	12.9	13.5	13.2	13.6	13.2	13.4	13.5	13.7	13.9	13.9	13.9	
5-Jan	13.8	13.7	13.5	13.4	13.3	13.4	13.5	14	14.3	15.1	16.4	16.4	16.7	17.2	17.8	18.1	17.2	16.4	16	16.1	16.2	15.9	15.8	15.3	
6-Jan	15.1	15.1	15	15	15	14.7	14.3	14	13.6	13	13.3	14.8	15.4	15.2	15.2	14.5	13.9	12.5	12	11.4	10.6	10.8	10.6	10.4	
7-Jan	9.8	9.5	9.3	9	8.9	8.8	8.8	8.7	8.6	9	9.4	10.7	11.2	12.9	13	12.5	11.9	10.8	10.2	9.6	9.3	9.5	9.8	9.9	
8-Jan	10	9.5	9	8.9	8.7	9.3	9.7	10.2	11.2	11.8	14	15.1	16.5	16.1	16.6	16.6	15.4	13.8	12.9	12.6	12.8	13.5	12.7	13	
9-Jan	13.2	12.1	11.6	12.3	12.6	12.4	12.4	12.9	13.7	14.5	15.7	17.2	17.8	18.4	18.1	18	16.9	15.4	14.4	14	13.3	12.7	12.5	12.3	
10-Jan	11.6	11.3	11.1	10.9	10.7	10.5	10.3	10.4	10.8	12.4	13.6	14.7	15.9	15.9	15.9	15.8	15	14.3	13.5	13.2	12.3	12.3	11.9	12.3	
11-Jan	12.6	12.2	11.6	11.2	11.1	11	10.9	10.5	10.8	10.6	10.9	11.4	11.2	10.9	10.3	9.8	9.4	8.9	8.5	8.5	8.6	8.4	8.2	7.5	
12-Jan	6.5	6.2	6.2	6.8	6.8	6.3	6.4	6.6	6.6	6.9	6.9	7.6	7.9	8.6	9.3	9.4	9.3	8.9	9.1	9.3	9.3	9.5	9.6	9.5	
13-Jan	9.3	9.4	9.3	9.4	9.5	9.8	10.1	10.9	11.9	12.7	14.2	15.2	15.7	16.1	16.6	15.3	15	13.6	13	12.4	12.5	13.4	13.4	13.7	
14-Jan	13.7	13.6	13.6	13.5	13.6	13.7	13.9	14.3	15.6	17.1	18.2	19.6	20.4	20.5	20	20	19.1	17.4	16.7	16.5	16.7	16.4	16.1	16.1	
15-Jan	16	15.9	16.3	16.1	15.1	14.4	12.1	11.6	11.6	12.2	13.3	14.4	15	14.9	14.9	14.4	13.9	12.8	11.9	10.9	9.9	9.8	9.7	9.5	
16-Jan	9.3	9	9.1	8.8	8.8	8.8	8.6	8.7	8.9	9.3	10.5	11.4	13.1	13.6	13.6	13.1	12.2	11	10.8	10.8	10.8	11	11.1	11.1	
17-Jan	10.1	9.6	9.5	9.1	9	8.5	8.1	8.7	9.3	11	12	13.1	14.2	14.6	15.2	14.3	13.2	11.6	11.2	11.4	11.5	12.2	12.5	12.5	
18-Jan	12.4	12.2	12	11.8	11.8	11.8	11.7	12	12.7	14.1	15.2	16.1	17.1	17.5	17.8	17.5	16.5	15.5	14	13.7	13.8	13.9	13.4	13.8	
19-Jan	13.3	13.4	13.2	13.2	12.8	12.9	13	13.2	14.4	15.5	17	17.4	17.8	17.8	17.1	16.2	15.7	15.1	14.9	14.8	14.8	14.6	14.6	14.5	
20-Jan	14.5	14.5	14.4	14.4	14.3	14.4	14.2	14.6	15.5	16.6	16.6	16.9	16.7	17.8	18.5	18.2	17.6	17.3	16.6	16.2	15.6	15	14.4	13.5	
21-Jan	13.2	12.8	12.2	11.9	11.5	10.8	10.1	10.1	11.3	12.8	14.7	16.1	16.7	17.1	17.1	16.5	15.4	14	13.2	12.7	12.5	12.5	12	12.1	
22-Jan	12.2	11.6	11.7	11.6	11.7	11.7	11.5	11.8	11.8	11.5	12.3	12.7	13.3	13.1	13.8	13.8	13.7	12.9	12.2	12.1	11.9	12.9	13.3	13	
23-Jan	12.6	12.9	12.9	12.8	12.7	12.8	12.7	13.2	14	15.2	16.6	17.7	17.6	17.7	17.2	16.4	16.1	15.2	14.8	16	16.3	16.1	15.6	15.1	
24-Jan	14.5	13.6	13.1	13	13	11.7	11.5	12.1	12.2	12.8	13.6	15	14.7	15.2	16.2	14.9	14.3	14.1	13.8	13.9	13.5	13.3	13.3	12.9	
25-Jan	12.8	12.5	12.2	12.2	12	11.8	11.8	11.8	12.1	12.6	13.6	15.1	15.9	16.8	17.2	16.4	16.1	15.4	14	13.2	13	12.8	13.2	13.3	12.9
26-Jan	13	12.7	13	12.8	12.2	11.9	12.1	12.4	13.7	15.1	17.5	18.3	18.6	19.1	17.5	17.2	15.8	14.7	13.9	13.6	13.6	13.6	14	13.9	
27-Jan	13.8	13.8	13.7	13.6	13.8	13.9	13.9	14.1	14.9	16.4	18.2	18.6	18.9	18.8	18.7	18.6	16.5	14.8	14.4	14.4	14.4	14.5	14.4	14.3	
28-Jan	14.3	14.2	14	13.9	13.9	14.3	14.8	14.8	14.8	14.5	14.3	14.9	15.7	15.8	16.2	16.3	16	15.1	14.9	14.5	14.3	13.7	12.9	12.4	
29-Jan	11.8	11.3	11	10.6	10.4	10.1	10.3	10.4	10.7	11.2	12.2	13.9	14.2	14.6	14.4	14.7	14.8	14	13.6	13.3	12.8	11.9	11.1	10.9	
30-Jan	10.3	9.7	9.2	9	8.8	8.3	7.9	9	9.3	10.4	11.6	13	13.5	14.4	14.6	15	15.2	14	13.5	13.2	13	12.9	12.4	12.2	
31-Jan	11.3	11.6	11.4	10.9	10.6	10.6	10.4	10.3	10.7	12.1	13.5	15.1	16.3	16.1	15	14.4	13.4	12.3	12	11.9	12	11.9	11.9	12	
1-Feb	11.8	11.8	11.7	11.5	11.1	11.3	11.2	11.5	12.4	13.7	14.4	15.9	17	17.4	17.6	16.3	15.8	14.8	13.6	13.2	13.6	13.3	13.5	13.4	
2-Feb	13.1	12.9	12.8	12.6	12.3	12.2	11.9	12.4	13.6	14.8	15.8	17.9	17.9	18	18.6	17.5	16.5	15	14.4	13.9	13.6	13.6	13.5	13.5	
3-Feb	13.3	13.4	13.1	13	12.8	12.8	12.8	12.8	12.6	13.3	15	16.1	17.2	18.3	18.4	18	17.8	17	15.3	14.5	13.8	13.6	14.1	13.5	13.9
4-Feb	13.4	13.3	13.2	13.1	12.8	12.5	12.5	13.5	14.8	16.8	18.7	19.8	20.1	20.1	20.1	19.4	18.3	17.5	15.8	15.7	15.5	15	14.3	14.5	
5-Feb	14.3	14.5	14.4	14.4	14.4	13.8	13.7	14.2	15.7	18.3	20	21.2	21.6	21.4	21.1	20.3	19.8	17.5	16.5	15.9	15.4	15.6	15.3	15.2	
6-Feb	15.1	14.8	14.9	14.5	14.7	15	15.1	16	17.2	18.7	20.8	21.8	21.2	21.8	21.4	21.1	20.8	18.2	17.1	16.6	16.5	16.4	16.4	16.5	
7-Feb	16.8	16.9	17.1	16.9	16.9	17	16.8	17.1	18.4	20.3	21.8	23	24	24.2	24.1	23.4	21.5	20.6	19.4	18.6	18.1	17.8	17.6	17.5	17.3
8-Feb	17.2	17	16.7	16.7	16.9	17	16.8	17.1	18.4	20.3	21.8	23	24	24.2	24.1	23.4	21.5	20.6	19.4	18.6	18.1	17.8	17.6	17.5	
9-Feb	17.8	18.1	18.2	18.3	18.3	18.2	18	18.3	19.3	20.7	23.1	23.9	23.5	23.1	22.7	22.1	20.5	19.2	18.2	17.7	17.4	16.8	16.7	16.7	
10-Feb	15.3	15.2	14.8	14.9	15.4	15.5	15.4	15.7	16.6	17.8	19.2	20.1	20.6	21	20.7	19.6	18.6	17.7	17	16.9	16.9	16.9	16.9	16.8	
11-Feb	17	17.3	17.2	17.3	16.9	16	15.5	15.2	15.2	15	14.9	14.6	15.9	15.7	15.9	16.9	16.7	16.4	15.9	15.4	15.4	15.4	15.4	15.3	
12-Feb	13.5	13.4	13	12.8	12.9	14	12.6	12.8	13.1	13.9	14.9	14.6	13.9	14	14.5	14.4	13.5	12.9	12.9	12.9	12.8	12.8	13	13.2	
13-Feb	13.1	13.3	13.2	12.9	12.8	12.7	12.5	11.9	12.2	12.4	12.7	11.9	11.8	11.7	11.8	11.6	11.8	12	11.6	11.4	11.1	10.9	10.5	10.3	
14-Feb	10.3	10.1	10	9.7	9.3	9	7.7	7.9	8.8	8.8	9.6	9.5	9.9	10	10.7	10.6	10.4	10.5	10.9	10.4	10.3	10.8	10.3	10.9	
15-Feb	11	11.2	11.1	11.3	10.7	10.6	10.7	10.9	10.2	10.1	10.2	10.3	10.4	10.4	10.4	10.5	10.5	10.6	10.7	10.9	10.8	10.7	10.7	10.9	
16-Feb	10.9	10.8	10.7	10.7	10.7	10.8	11.1	11.4	11.7	12	12.5	13.1	13.8	14	14.4	14.1	14.2	13.8	13.9	14.1	14.2	14.1	14.1	14.4	
17-Feb	14.4	14.8	14.5	14.5	14.7	14.7	14.8	15.2	15.8	15.8	16.3	16.7	16.8	16.8	16.5	15.6	15.5	15	14.8	14.6	14.7	14.7	14.8	15	14.7
18-Feb	14.9	14.8	14.7	14.8	14.4	14.2	14.1	14.1	14.4	14.2	15.1	15.6	14.8	14.6	14.4	14.6	14.6	14.4	14	13.7	13.2	13.1	13	13	
19-Feb	12.9	12.6	12.6	12.6	12.5	12.6	12.5	12.9	12.8	12.9	12.4	12.3	12	12	12.4	12.1	12	11.9	12	12.2	12.6	12.9	13.1	12.6	
20-Feb	12.5	12.5	12.4	12.6	12.5	12.6	11.9	12.4	12.7	13.2	13.7	14.2	14.5	14.7	15.1	15.5	15.4	15	14.6	14.7	14.6	14.6	14.7	14.3	
21-Feb	14.1	13.9	13.7	13.6	13.5	13.5	13.6	13.6	14.1	14.4	14.8	15.5	15.9	16.7	16.8	16.5	15.3	14.7	14.6	14.2	14.4	14.5	14.9	15.1	
22-Feb	14.8	14.6	14.3	14.1	14.2	14.1	14.2	14.3	14.5	14.5	15.5	16.1	16.3	16.7	17	17	16.1	15.7	14.8	15	15.2	14.9	15.2	15.2	
23-Feb	15.2	15.3	15.1	15	15.1	15.3	15.4	15.9	16.7	17.6	19	19.5	20.6	20.1	20	19.6	19.1	17.8	16.9	16.7	16.5	16.2	16	16.1	
24-Feb	15.8	15.6	15.6	15.3	15.2	15.																			

Hourly Temperature Data in °C from King's Park Meteorological Station 2011																								
	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24
6-May	23.3	23.3	23.5	23.6	23.7	23.8	24.1	24.6	26.4	27.1	27.6	29.3	28.6	30.6	29.8	29.4	28.7	27.4	26.8	26.4	26.1	26.1	26	25.6
7-May	25.4	25.3	25.2	25.1	25	24.8	25.3	26.7	27.5	29.1	29.6	30.7	30.2	30.4	29.9	30.1	29.2	27.9	26.6	26.3	26.1	26	25.8	25.7
8-May	25.5	25.5	25.4	25.3	25.1	25.1	25.8	27.4	27.5	28.2	28.2	29.4	29	28	28.3	27.9	27	26.4	25.9	25.7	25.6	25.6	25.5	25.5
9-May	25.2	25.1	25.2	25.1	25	25	25.4	26.7	28.5	28.4	30.7	29.7	29.6	29.3	29.8	29.4	29.1	27.9	26.8	26.4	26.3	26.2	26	26.2
10-May	26	26	26	26	26.2	25.8	26.4	28.3	29.4	28.2	29.1	30.2	30.9	31.4	31.2	31.2	30.2	29	28.1	27.8	27.7	27.6	27.6	27.4
11-May	27.5	27	27.1	27.1	27.3	27.2	27.7	28.3	29.3	30.4	31.1	30.6	32	31.4	31.8	31.6	30.8	30.2	29	28.6	28.6	28.4	28.1	28
12-May	27.9	27.6	27.2	27.4	27.4	27.3	28.4	28.2	29.1	30.1	31.3	31.5	31.5	31.3	31.2	31.1	30.7	29.8	29.3	29	28.8	28.7	28.5	28.3
13-May	28.2	28	27.8	27.8	27.8	27.9	28.2	24.5	26.8	24.7	26	27.1	27.6	27.7	27.6	28.2	27.5	26.5	26.1	25.9	25.9	25.8	25.7	25.6
14-May	25.4	24.6	23.9	23.7	23.5	23.1	23	23.2	23.4	24.5	24.8	27.4	28.1	25.4	25.5	24.8	24.6	24.5	24.2	23.9	24	24.1	24	23.8
15-May	23.4	23.1	23.3	23.3	23.3	23.5	23.5	23.5	24	24.6	24.3	24.3	24.5	24.8	24.7	24.5	24.2	24	23.9	23.8	23.9	24	24	24
16-May	24	24	24.1	24	24.1	24.1	24.1	24.5	26	27.2	29	29	28.6	27.2	26.1	25.6	25.4	25	24.8	24.5	24.5	24.7	24	24
17-May	23.7	23.7	23.4	23.4	22.8	22.6	22.7	21.8	23.6	24.7	24.1	23.2	22.6	22.8	22.8	23	22.8	22.7	22.8	22.8	22.7	22.9	22.8	22.7
18-May	22.8	22.7	22.5	22.2	22	22.2	22.7	23	25.7	26.7	26.9	27.5	27.3	27.3	27.2	26.2	25	24.8	24.3	24	23.9	23.9	23.9	23.8
19-May	23.9	23.7	23.2	23.1	23	23.2	23.8	25.4	26.7	28.1	27.1	27.8	27.9	27.9	28	27.6	27.1	26.2	25.1	25	24.9	24.9	24.9	25
20-May	24.7	24.5	24.4	24.1	24.1	24.3	24.9	26.1	28	28.6	30.1	29	29.1	29.5	29.5	28.6	28.1	27.3	26.2	26	25.7	25.5	25.4	25.5
21-May	25.3	25	25.2	25.3	25.2	25.3	25.6	26	26.6	26.7	27.5	28.6	29.4	28.9	27	24.5	24.5	24.4	24.4	24	24.4	24.4	24.5	24.4
22-May	24.4	24.5	24.5	24.5	24.7	24.9	24.8	25.2	24.9	24.6	24.6	25.4	26	25.4	25.5	25.9	25.8	25.8	25.4	25.4	25.4	25.4	25.3	25.3
23-May	23.5	23.4	23.5	23.6	23.7	23.9	24	24.2	23.5	24.2	25.3	25.4	26.2	25.8	26.1	25.6	25.5	24.6	23.6	23.6	23.5	23.4	23.3	23.2
24-May	23.1	22.9	22.7	22.3	21.6	20.2	19.3	20.1	21.8	22.4	23.1	23.7	24.3	24.3	23.3	23.1	22	21.9	21.8	21.9	21.9	22.2	22.4	22.2
25-May	22	21.1	21.3	21.1	21	20.6	20.6	21.8	22	23	23.5	24.6	24.5	24.1	23.4	24.5	23.7	23.5	23	23.2	23.1	23.4	23.5	23.5
26-May	23.2	23.1	22.9	22.8	22.9	22.6	22.8	23.5	24.6	25.7	26.6	28	28.7	28.9	28.6	28.5	27.9	26.7	25.4	25.2	25.1	25.3	25.2	24.8
27-May	24.7	24.4	24.2	24.4	24.2	24	24.9	25.3	26.4	27.3	28.8	29.3	29.2	28	28.6	28.5	27.8	27.5	26.6	26.4	26.2	25.8	25.7	24.9
28-May	25	24.8	24.2	24.1	24	24.5	24.7	26.5	27.2	28.1	29.9	29.2	29.1	29.5	29.9	30.2	30	29.5	28.7	28.1	27.7	27.4	26.8	26.4
29-May	26.2	25.8	25.6	25.6	25.3	25	25.5	26.8	27.9	28.4	28.5	28.7	28.1	28.3	28	27.5	27	26.2	25.5	25.3	25.1	24.9	24.7	24.7
30-May	24.6	24.2	23.9	23.7	23.6	23.3	23.8	24.3	25.5	26.4	26.9	27.1	27.2	27.5	27.6	27.5	27.3	26.2	25	24.3	24	23.8	23.7	23.2
31-May	23.1	22.9	23.1	23.2	23	22.6	23.4	25.9	27.3	28.7	29.1	31	31.7	31.3	30.9	28.5	27.7	26.7	25.7	25.2	25.4	25.3	25.7	25.6
1-Jun	25.6	25.4	25.4	25.7	25.6	25.6	26	26.9	27.9	28.8	29.2	30	30.6	31.1	30.7	29.9	28.8	27.8	27.5	26.9	26.6	26.5	26.4	26
2-Jun	25.9	26	25.7	25.4	25.8	25.9	26.3	27.4	27.5	29.5	30.3	30.8	29.6	30.5	29.5	29.8	29.5	28.3	27.5	27.1	26.9	26.7	26.5	26.4
3-Jun	26.3	26.2	26.3	26.4	26.3	26.3	26.4	27.2	27.7	29	29.8	30.5	29.6	29.6	29.8	29.5	29.5	28.2	27.4	27	26.7	26.6	26.6	26.6
4-Jun	26.4	26.6	26.7	26.7	26.6	26.5	26.9	28	28.7	30.7	31.1	30.6	30.5	30.5	29.8	29.6	29.2	29.2	28.5	28	27.8	27.9	27.7	27.8
5-Jun	27.7	27.6	27.6	27.7	27.7	27.5	28.3	28.7	29.4	29.8	29.8	31.3	31.4	30.5	30.5	30.8	30.5	30.4	29.2	28.8	28.5	28.2	28.1	27.9
6-Jun	28	28	28.1	27.8	27.8	27.8	28.4	29.5	29.6	30.1	29.8	30.3	30.6	30.8	30.7	30.6	30.7	29.6	29.1	28.7	28.6	28.7	28.6	28.5
7-Jun	28.2	28.1	28.1	27.9	27.8	27.8	28.2	28.8	29.3	30	30.5	31.6	31.7	31.1	31	30.7	30.8	30	28.9	28.7	28.5	28.4	28.3	28.6
8-Jun	28.4	28.3	28.2	28.1	27.8	27.8	27.9	28.5	29.4	30.1	31.1	31.1	31.3	31.5	31.2	31.1	30	29.6	29.3	29	28.8	28.7	28.5	28.3
9-Jun	28.4	28.2	27.9	27.3	26.7	26.4	27.9	29.1	29.3	29.5	30.9	31.3	32.4	33.1	31.2	30.4	30.3	29.6	28.9	28.5	28.3	28.1	27.8	27.5
10-Jun	27.2	27	26.8	26.7	26.5	26.3	27.7	28.4	29.6	30.9	31.6	31.1	31.9	32	32.1	32.3	30.5	29.6	28.8	28.5	28.3	28.3	28.1	28
11-Jun	27.9	27.6	27.7	27.8	27.9	27.9	27.5	27.9	29.8	27.3	30.1	30.3	31.8	31.2	31.4	30.5	29.8	29.2	26.7	27.4	26.6	27.3	27.8	28.3
12-Jun	27.2	27.5	27.6	27.8	28	28.2	24.7	24.6	25.1	25.2	25.4	26.1	26.1	26.7	29.1	29	28.6	28.2	27.6	27.6	27.3	27.3	26.9	27
13-Jun	27	27.1	26.9	26.9	26.8	26.9	27.8	27.3	28.2	30.4	30.5	30.4	29.8	29.4	29.6	30.2	30	30	29	28.5	28.4	28.1	28	28.1
14-Jun	28.2	28.2	28.2	28.1	28	28.1	28.5	29.9	30.3	29	29.7	29.8	30.1	30.7	30.8	30.4	30.2	29.3	29.2	28.8	28.6	28.9	28.8	28.7
15-Jun	28.6	28.5	28.3	28.3	28.2	28.3	28.7	29.3	29.5	30.3	28.5	29.8	30.4	30.4	30.4	30.7	31.2	29.8	28.7	28.1	27.8	27.9	27.7	27.5
16-Jun	27.5	27.5	27.6	25.8	25.3	25.3	26	26.1	24.9	24.8	24.6	25.4	26.3	26.8	27	25.6	26.4	27.3	26.9	26.5	26.2	26.2	26.5	26.6
17-Jun	26.6	26.1	26.3	26.5	26.3	26.3	26.3	26.6	26.3	26.5	26.2	26.2	25.8	26.2	26.9	28.4	28.9	29.2	28.5	28.1	27.7	27.6	27.4	27.5
18-Jun	27.6	27.6	27.4	27.4	27.4	27.2	26.8	28	27.8	28.2	30.3	30.1	32	31.9	31.2	31.1	30.5	29.1	28.4	28.1	27.9	27.7	27.7	27.6
19-Jun	27.5	27.4	27.3	27.2	27.1	27.1	27.6	28.4	30.1	30.6	31.1	31.3	31.4	31.2	31.5	31.3	31	30.3	28.8	28.2	28.1	28	27.9	27.9
20-Jun	27.8	27.5	27.4	27.4	27.2	27.1	27.9	30	29.7	30.9	30.5	31.1	32.2	32.4	32.4	32.7	32.7	32.6	30.7	29.5	29.4	29.2	29	28.6
21-Jun	28.6	28.5	28.3	28.3	28.1	28.1	28.3	30.5	30.4	31	31.7	32.5	32.9	32.9	32.9	32.9	32.9	32.1	28.2	28.4	28	26.9	26.5	26.1
22-Jun	26.5	26.6	25.9	26	25	25.8	26.1	27.2	27.4	28	25.6	26.6	26.4	27.7	27.8	26.2	26.3	26.2	27	26.2	26.4	26.2	26.8	26.6
23-Jun	27.3	27.4	27.3	27.2	27.2	27.2	27.5	27.7	27.9	28	27.9	27.9	27.9	28.7	28.5	28.3	27.9	27.9	27.7	27.6	27.6	27.5	27.5	27.4
24-Jun	27.3	27.1	27.1	27.1	27.1	27	27.5	29.1	29.4	29	29.2	29	29.5	30.4	29.9	29.9	29.9	28.8	28.2	27.8	27.6	27.3	27.2	27.1
25-Jun	27.2	27.2	27.1	26.9	26.7	26.6	27.2	27.2	27.9	29.2	30.2	30	30.6	30.5	30.9	31.5	31.1	30.5	30.5	29.2	28.9	28.7	28.6	28.4
26-Jun	28.3	28	27.8	27.9	27.8	27.8	28.3	28.7	29.3	29.4	29.4	29.4	28.8	28.3	28.8	29	28.7	29	28.3	28.3	28.4	28	28	28
27-Jun	28	27.6	27.7	27.6	27.5	27.4	28	28.8	29.8	30.9	30.4	30.2	31.3	31.4	30.9	30.9	29.7	29.4	29.3	29	28.8	28.8	28.8	28.8
28-Jun	28.4	27.3	27.5	28.4	27.2	25.2	24.8	25.2	25.3	25	25.7	26.9	26.7	25.7	24.4	25.2	24.4	25.6	25.6	25.8	25.9	26.1	26.6	26.9

Hourly Temperature Data in °C from King's Park Meteorological Station 2011																								
	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24
8-Sep	28	27.9	27.7	27.6	27.4	27.5	27.5	27.9	28.8	30.4	31.6	31.8	32.2	31.8	31.5	30.7	30.2	29.1	28.5	28.6	28.4	28.2	28.2	28.2
9-Sep	28	27.8	27.7	27.6	27.4	27.5	27.5	28.3	29	30.1	30.9	31.6	31.6	31.8	31.5	30.3	29.3	29.2	29.1	29	28.8	28.6	28.6	28.6
10-Sep	28.4	28.4	28.2	28.4	28.6	28.7	27.2	27.9	28.9	29.8	31.3	31.1	30.9	30.6	30.5	30.3	29.9	29.2	28.6	28.4	28.2	28.2	28.1	28
11-Sep	25.8	26.4	26.8	27	26.9	27	26.8	26.8	27.2	29.3	29.7	30.4	28.9	29.5	30.2	30	29.5	28.5	28.1	28.1	28.1	28.2	28.1	25.7
12-Sep	25.5	26.4	26.7	26.8	26.8	27	27.1	27.1	28.3	29.5	29.9	30.4	31.3	31.3	31.1	29.3	29.4	28.4	27.9	28	27.8	27.8	27.9	27.8
13-Sep	27.7	27.6	25.7	25.5	25.8	25.7	26.3	27.4	28.6	29.6	30.5	30.8	31	31.7	31.1	30.5	30	28.8	28.3	28	28	27.9	27.6	27.5
14-Sep	27.6	27.3	27.4	27.1	26.6	26.7	27.1	27.9	29.3	30	31.6	31.7	32.3	31.6	31.3	31.1	30.3	28.9	28.6	28.4	28.2	27.9	27.9	28
15-Sep	27.9	27.7	26.5	23.4	23.7	24.2	24.8	25.9	28.3	29	29.6	30.2	31	31.3	30.7	30.8	29.6	28.6	27.6	27.8	28.1	28	28	28
16-Sep	27.9	27.8	27.3	27.1	27	26.8	27.1	28	29.6	29.3	29.9	31.1	30.6	31.7	30.8	29.9	29.3	27.7	27.4	27.3	27.2	27.2	27.6	27.5
17-Sep	27.5	27.6	27.4	27.4	26.9	27.5	27.6	28.5	28.9	29.4	30.4	30.4	31.9	31.3	31.6	31.1	30.1	29.1	28.5	28.5	28.3	28.3	28.1	28.1
18-Sep	28.1	27.9	28	27.9	28.1	27.8	27.6	27.6	28.4	29.3	28.7	28.3	28.1	28.6	29.7	29.3	29.4	28.2	27.7	27.5	27.4	27.6	27.6	27.6
19-Sep	27.6	27.4	27.5	27.6	27.3	27.2	27.4	27.8	28.6	29.5	29.7	31	30.4	31.1	30.8	30.1	28.9	28.2	25	25	25.8	26	26.2	26.1
20-Sep	25.9	25.7	25.7	25.5	25.2	25.1	24.8	25	24.7	25.5	26.5	26.8	27	27.2	27	26.7	26.3	26	25.8	25.5	25.7	25.6	25.3	24.8
21-Sep	24.2	23.8	23.6	23.3	23	22.8	22.8	23.6	25	25.8	26.8	26.9	27.1	27.1	27.8	27.6	27.3	27	26.9	26.8	26.6	26.6	26.4	25.9
22-Sep	25.5	25	24.6	23.8	23.8	23.4	23.8	24.3	25.2	25.2	25.9	26.2	26.7	26.7	26.5	26.2	26.3	26	25.9	25.6	25.6	25.5	25.6	25.7
23-Sep	25.8	25.4	25.1	24.5	24.3	24.1	24.2	24.1	24.6	25.3	25.7	25.3	26.2	26.8	26.9	26.3	26.1	25.7	25.7	25.4	25	25	24.9	24
24-Sep	24.7	24.7	24.5	24.4	24.1	23.9	23.8	23.9	24.1	24	25.6	27.2	27.4	26.9	26.4	25.6	25.7	25.7	25.7	25.8	26.2	26.1	25.6	25.6
25-Sep	25.4	25.3	25.1	25.3	24.2	24.3	24.8	25.6	25.8	26	26.2	24.2	24.6	25.7	25.6	25.8	25.2	24.2	24.2	23.7	24.3	24.5	25.1	25
26-Sep	25.4	25.5	25.6	25.3	25.5	25.5	25.5	26	26.3	26.7	27.4	29.3	29.8	30.2	29.7	29	27.8	27	26.8	26.7	26.5	26.6	26.5	26.2
27-Sep	26.2	26.2	26	26	26	26	26	26.7	28.4	28.2	30.2	30.1	30.5	30.7	29.5	29.6	29	28	27.3	26.7	26.7	26.6	26.4	26.2
28-Sep	25.8	25.9	26.3	26.3	26.6	26.4	26.4	27.2	28.2	29	29.9	30.4	31.7	31.4	31.7	31.6	31.3	30.8	29.1	29.6	30	29.7	27.4	27.8
29-Sep	27.2	26.2	27	27.8	27.4	26.8	26.7	26.7	26.2	26.7	25.9	27.2	27.6	26.3	27.5	25.7	27.1	27.4	27.5	27.4	27.4	27.5	27.3	27.3
30-Sep	27.2	27.1	27	27	26.8	26.8	26.9	27.2	28.4	28.6	28.3	29	28.6	28.6	28.3	27.8	27.4	27.3	27.2	27.2	27	26.9	27.1	26.8
1-Oct	26.2	26.7	25.6	25.3	25.5	25.6	25.6	25.7	25.8	26.1	26.1	26.2	26.4	27.1	26.7	27.1	26.2	25.8	25.6	25.4	25.6	25.4	25.3	25.2
2-Oct	25.5	25.4	25	24.9	25.1	24.7	25.1	26	26.9	27.1	26.4	25.7	24.7	24.4	23.8	23.8	24.1	24.3	24.2	24	23.8	23.7	23.9	23.6
3-Oct	23.1	22.5	22.4	21.7	21.9	22.1	22.4	22.2	22.7	23.3	23.9	23.5	23.7	22.9	22.6	22.3	21.8	21.4	21	21.2	21.2	21.5	21.6	21.7
4-Oct	21.6	21.8	22	21.9	21.8	22.1	22.2	22.2	22.9	22.9	23.8	24.2	24.5	24.7	24.7	24.7	24.2	24.1	24.2	23.9	24.2	24.3	24.3	24.4
5-Oct	24.2	23.5	22.8	22.5	22.6	22.9	23	23.1	24.2	25.2	25	24.9	25.1	25.7	25.3	24.9	24.6	24.4	24.1	23.8	23.7	23.6	23.9	23.6
6-Oct	23.3	23.2	22.9	22.9	22.9	22.8	22.9	23.7	25	25.3	26	26.8	28.1	26.5	27	26.4	25.5	25.2	24.8	24.8	24.7	24.8	24.8	24.8
7-Oct	24.8	24.7	24.6	24.5	24.4	24.2	24.4	24.9	25	25.4	26.3	27	27.9	27.2	26.7	25.9	25.3	24.9	24.7	24.8	24.9	24.9	24.9	24.9
8-Oct	24.8	24.6	24.4	24.4	24.3	24.1	24.1	24.6	25.3	26.6	27.8	28.3	28.8	28.2	27.9	27.2	26.5	25.4	25.1	25.2	25.2	25.1	25.1	25.2
9-Oct	25.1	24.8	24.8	24.5	24.3	24.2	24.7	25.7	26.7	27	28.4	29.6	30	29.9	29.2	28.7	27.4	26.2	26.1	26	25.9	25.5	25.5	25.5
10-Oct	25.6	25.9	26.4	26	26.3	26.2	26.5	27	27.7	27.6	27.6	28.4	29	28.4	26	24.7	25.2	24.3	24.5	24.9	24.6	24.2	24.2	23.9
11-Oct	24.3	24.3	23.8	24.2	24.1	24.2	24.3	24.8	25.2	25	25.3	24.6	24.6	24.6	24.2	24.7	24.9	25	24.7	25.1	24.7	24.3	24.1	24.1
12-Oct	24.2	24.3	24.6	24.5	24.3	23.3	23.5	23.6	23.9	24	24.6	24.6	24.4	24.4	24.4	24.4	24.3	24.2	24.4	24.4	24.5	24.5	24.5	24.5
13-Oct	24.5	24.5	24.6	24.4	24.4	24.3	24.3	24.3	23.8	23.7	24.3	25.9	26.1	26.5	26	24.5	24.3	24.2	24.4	24.6	24.6	24.6	24.7	24.5
14-Oct	24.6	24.2	24.1	24.1	24.1	24	24.2	24.6	24.8	24.8	25.3	26.5	26.7	27.5	27	26.9	27	26.3	26	26.4	25.7	25.4	25.2	24.9
15-Oct	24.2	23.2	23.2	23.4	23.3	23.2	23.2	23.4	23.3	23.7	24.8	26.3	27.2	28	27.2	27.5	27	26.2	25.8	25.5	25.4	25.2	24.9	24.5
16-Oct	24.2	23.9	23.8	23.5	23.6	22.9	23	23.4	24.4	25.7	27.3	27.3	28.9	28.8	28.8	28.4	27.8	27.4	25.1	24.6	24.4	24	23.9	23.5
17-Oct	23.6	23.2	23	22.8	22.7	22.7	22.6	23.5	24.4	25.8	26.9	27.6	28.6	28.9	29	28.6	27	25.2	24.5	24.2	23.9	23.6	23.6	23.7
18-Oct	23.2	23.2	23	22.7	22.1	22.3	22.5	23.5	24.1	25.4	26.4	27.5	27.5	27.3	26.5	25.6	24.9	23.9	23.7	23.8	24	24.2	24	23.7
19-Oct	23.6	23.5	23.2	22.8	22.5	22.4	22.5	22.8	23.5	24.6	25	26	26.1	25.9	25.5	24.9	23.9	23.1	23	22.9	22.9	22.7	22.9	22.9
20-Oct	22.8	22.3	22.1	22	21.3	20.9	21.1	22	23.1	25	26.1	27.4	27.9	26.4	26.4	26.1	25.2	23.9	23.4	22.7	22.2	22.1	22.2	22.3
21-Oct	22.1	22	22	21.8	22.3	22.2	22.6	23.2	24.2	25.9	26.7	27.2	27.8	28.4	28	27.1	26.2	25.2	24.3	23.8	23.6	23.4	23.4	23.3
22-Oct	23.3	23	23.2	23.4	23	23	23.2	24	25	25.4	27.2	27.7	27.6	27.4	26.8	26.4	25.3	24.5	24.1	24.1	24	23.9	23.9	23.9
23-Oct	23.9	23.7	23.7	23.8	23.7	23.4	23.4	23.6	24.2	24.8	25.3	26.9	27.1	27.1	26	25.6	25.1	24.3	23.8	23.7	23.5	23.4	23.4	23.2
24-Oct	23.1	22.9	22.7	22.5	22.3	22.3	22.4	23.7	25	26.7	27.4	27.7	28.4	28.2	28.3	28.5	27	26.1	25.6	25.5	25.4	25.3	24.9	24.9
25-Oct	24.5	24.1	24.4	23.7	24.1	24.1	24.5	25.2	25.8	26.9	26	26.1	26	26	24.1	24.1	23.8	23.7	23.4	22	22.3	22.1	22.4	22.3
26-Oct	21.8	21.5	21.5	21.5	21.4	21.3	21.3	21.4	22.5	23.1	24.7	25.3	25.6	25.4	23.7	23.3	22.9	22.8	22.7	22.7	22.9	22.8	22.5	21.6
27-Oct	21.3	21.3	21.5	21.1	21.5	21	21.6	21.8	23.1	23.8	24.4	25.2	25.7	26.1	25.9	25.1	24.3	23.2	22.9	22.8	23.2	22.6	22.5	22.2
28-Oct	22.6	22.8	22.8	22.9	22.6	22.7	22.5	23	24.2	25.6	26.1	26.5	26.1	26	25.7	25.5	25.1	24.4	24.2	24	23.7	23.4	23.4	23
29-Oct	22.8	22.8	22.4	22	21.9	21.7	21.6	22	23.4	24.7	26.3	26.7	26.9	26	25.8	26	25.6	24.9	24.7	24.1	23.8	23.4	23.1	22.8
30-Oct	22.7	22.7	22.5	22.6	22.1	22.1	22.2	22.6	23.4	24.4	25.3	26.9	27.1	27.1	27.1	26.5	25.7	24.5	23.7	23.4	23.4	23.9	23.6	23.6
31-Oct	23.7	23.3	22.9	22.8	22.6	22.7	22.5	23.2	23.9	25	26.5	26	26.5	26.6	26.2	25.5	24.4	23.6	23.3	23.2	23.1	23.1	23.1	

Monthly Temperature Average (in °F)

Month	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24
1	54.4	54.0	53.6	53.4	53.1	52.8	52.6	52.9	53.9	55.3	57.1	58.7	59.7	60.2	60.2	59.6	58.5	56.7	55.9	55.6	55.4	55.4	55.1	54.8
2	58.3	58.2	58.0	57.8	57.6	57.6	57.3	58.0	59.3	61.1	62.8	64.1	64.7	64.8	64.8	64.1	62.9	61.3	60.1	59.7	59.5	59.4	59.2	59.1
3	61.8	61.5	61.2	61.1	61.0	60.9	60.7	61.4	62.7	64.4	65.7	66.7	67.5	67.6	67.2	66.6	65.6	64.4	63.3	63.0	62.8	62.5	62.2	61.9
4	69.7	69.5	69.3	69.1	68.7	68.5	69.0	70.3	71.9	73.6	75.1	76.5	77.5	77.7	77.4	76.6	75.7	73.8	72.3	71.6	71.2	71.0	70.7	70.4
5	76.4	76.1	75.9	75.8	75.6	75.4	75.8	77.1	78.9	80.0	81.1	82.1	82.4	82.2	81.9	81.1	80.2	79.1	77.9	77.5	77.3	77.1	76.9	76.7
6	81.3	81.1	80.9	80.7	80.6	80.4	80.9	82.3	83.2	84.1	84.5	85.4	86.0	85.7	85.6	85.4	84.8	84.0	82.8	82.2	81.9	81.7	81.6	81.5
7	81.4	81.2	81.0	80.9	80.8	80.6	80.9	82.5	83.6	84.5	85.4	86.1	86.5	86.7	86.8	86.5	85.9	84.7	83.4	82.7	82.5	82.2	81.9	81.7
8	82.4	82.2	82.0	81.8	81.5	81.1	81.8	83.4	84.5	86.1	87.5	88.2	88.2	88.2	88.2	87.9	87.3	86.1	84.7	84.0	83.6	83.3	82.9	82.7
9	80.5	80.3	79.9	79.4	79.2	79.1	79.4	80.4	81.7	83.0	84.2	84.9	85.3	85.6	85.5	84.6	83.7	82.4	81.5	81.2	81.2	81.2	81.0	80.6
10	74.7	74.4	74.1	73.9	73.7	73.5	73.8	74.6	76.0	77.3	78.6	79.6	80.3	80.0	79.2	78.5	77.4	76.2	75.7	75.4	75.3	75.0	75.0	74.7
11	71.5	71.3	71.2	70.9	70.7	70.6	70.5	71.1	72.6	74.5	75.9	76.6	77.1	76.9	76.3	75.5	74.4	73.2	72.7	72.5	72.3	72.1	71.8	71.6
12	60.2	59.9	59.5	59.2	58.9	58.6	58.4	58.9	60.2	62.3	64.1	65.7	66.6	66.8	66.6	65.5	64.0	62.4	61.8	61.4	61.0	60.7	60.5	60.1
Annual Average (°F)	71.1	70.8	70.6	70.4	70.2	70.0	70.1	71.1	72.4	73.9	75.2	76.3	76.9	77.0	76.7	76.1	75.1	73.8	72.8	72.3	72.1	71.9	71.6	71.4

Hourly Relative Humidity Data in % from King's Park Meteorological Station 2011																								
	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24
1-Jan	42	47	46	39	40	41	47	51	46	48	47	42	44	45	50	57	57	59	62	64	65	65	67	72
2-Jan	68	70	73	73	71	69	58	56	63	64	60	55	55	56	58	59	56	62	62	63	66	69	69	73
3-Jan	69	63	68	69	66	64	61	62	66	69	70	71	71	70	72	75	76	78	75	75	74	74	73	76
4-Jan	80	80	86	87	88	90	89	89	85	88	86	81	80	81	78	77	73	72	71	74	75	76	76	78
5-Jan	79	80	81	81	82	82	84	82	82	81	74	72	69	68	71	70	74	74	77	78	77	79	80	81
6-Jan	81	82	79	78	76	76	75	74	73	71	65	60	55	55	55	55	58	60	58	61	59	59	62	63
7-Jan	63	67	66	66	66	65	65	64	63	61	60	56	54	52	50	50	51	51	54	55	56	59	59	62
8-Jan	60	60	68	66	67	68	66	65	62	60	57	53	51	51	51	53	60	66	72	76	75	62	74	58
9-Jan	54	64	66	66	55	57	56	54	50	47	42	43	41	41	43	43	43	48	50	49	53	53	53	51
10-Jan	52	50	50	52	47	51	53	51	49	46	45	45	43	44	44	49	51	58	55	50	57	55	57	56
11-Jan	57	54	56	57	55	47	49	47	49	50	50	48	48	52	55	57	60	63	64	66	66	68	68	65
12-Jan	84	91	94	93	95	92	94	94	95	94	92	91	85	83	80	79	80	80	82	80	79	80	81	83
13-Jan	85	84	85	85	84	83	81	80	76	72	67	65	60	58	59	63	65	73	77	82	82	76	77	72
14-Jan	72	78	79	79	76	75	74	73	66	63	58	58	54	54	55	55	62	64	67	71	72	75	79	77
15-Jan	75	76	68	64	68	64	65	63	59	56	51	44	42	41	40	39	40	46	44	45	50	47	48	51
16-Jan	50	50	48	48	48	48	50	50	49	48	48	46	45	46	45	49	53	60	60	63	65	66	67	67
17-Jan	68	69	64	64	62	68	70	57	54	49	49	43	41	39	39	43	50	55	59	62	67	73	74	73
18-Jan	76	77	77	76	75	74	74	74	70	66	59	54	53	53	51	57	63	66	76	81	79	75	81	77
19-Jan	83	84	81	82	86	86	85	84	77	69	65	62	60	62	68	74	78	83	84	85	86	87	86	87
20-Jan	89	89	91	91	90	89	90	79	66	63	59	56	55	54	53	53	52	52	54	56	56	59	60	63
21-Jan	65	67	65	67	64	65	65	65	62	57	53	50	49	46	47	47	48	51	53	55	57	55	60	61
22-Jan	60	64	63	65	66	66	68	71	74	74	73	70	68	67	68	70	68	72	76	77	78	74	70	71
23-Jan	76	79	80	78	77	76	77	71	65	60	59	54	56	56	60	64	67	71	76	76	64	56	67	67
24-Jan	60	63	64	65	64	68	74	65	63	60	60	60	56	56	53	60	63	64	62	63	61	64	67	75
25-Jan	76	76	75	74	76	77	76	72	64	58	57	54	55	57	61	64	71	74	78	82	82	82	82	83
26-Jan	78	83	81	80	81	80	76	79	66	62	59	53	54	55	59	63	70	82	85	87	86	84	85	85
27-Jan	94	85	83	84	83	82	83	81	74	67	61	60	59	62	60	63	72	82	85	85	86	84	84	84
28-Jan	85	84	86	88	88	84	76	74	68	62	61	59	57	55	52	55	52	55	51	54	52	52	53	53
29-Jan	54	54	51	51	53	51	53	52	51	48	45	40	41	40	39	40	40	40	42	42	42	44	46	46
30-Jan	51	51	53	51	54	56	57	52	48	47	45	43	45	45	49	53	59	63	69	74	75	80	77	69
31-Jan	57	52	54	53	53	56	54	55	53	49	45	43	43	45	45	49	53	59	63	69	74	75	80	77
1-Feb	77	76	76	77	80	80	81	80	72	61	59	54	53	51	53	59	63	65	75	76	71	77	77	69
2-Feb	72	72	78	76	74	75	74	74	62	56	55	50	47	49	48	47	45	52	57	59	62	66	78	76
3-Feb	90	83	83	82	83	84	83	83	79	72	67	65	60	58	61	63	66	74	79	82	84	82	83	85
4-Feb	86	90	87	87	87	88	87	82	77	69	62	57	56	59	62	66	74	79	79	78	82	87	81	81
5-Feb	81	79	84	87	89	80	79	76	72	57	49	44	44	46	46	51	56	66	75	79	81	73	75	81
6-Feb	81	82	82	82	83	81	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
7-Feb	87	87	88	87	86	87	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86
8-Feb	87	87	88	87	86	87	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86	86
9-Feb	97	98	97	95	94	93	94	92	87	80	71	68	71	68	71	72	72	74	80	81	79	82	88	89
10-Feb	89	89	88	89	86	86	86	82	80	74	69	67	65	65	67	70	74	79	83	83	83	86	89	91
11-Feb	93	91	90	90	88	93	93	92	93	94	86	77	79	82	81	82	74	79	88	86	86	86	89	91
12-Feb	61	69	68	69	69	69	71	74	73	70	67	68	72	72	67	66	71	73	72	76	76	77	77	75
13-Feb	75	69	68	71	75	74	78	86	85	89	93	94	92	95	92	95	93	94	90	89	88	87	78	72
14-Feb	70	70	69	69	65	67	82	80	75	70	65	60	65	66	63	63	63	61	56	56	59	63	67	80
15-Feb	74	70	70	68	75	75	79	84	90	88	90	91	88	88	87	87	83	87	88	88	90	92	92	90
16-Feb	92	93	95	96	96	96	97	97	97	97	96	93	91	90	89	92	92	95	95	95	95	97	97	97
17-Feb	97	98	98	99	99	99	99	99	99	96	97	96	89	88	88	88	88	88	89	91	92	92	92	90
18-Feb	89	89	90	86	92	96	98	94	92	96	93	85	89	89	89	89	89	89	91	93	95	96	97	95
19-Feb	95	95	95	97	95	95	96	89	89	89	89	83	93	94	88	92	92	94	94	92	91	90	87	87
20-Feb	87	84	81	80	79	82	85	82	78	75	70	73	73	72	70	73	68	76	75	74	73	73	77	87
21-Feb	86	88	88	90	91	91	87	85	81	79	74	72	75	76	76	81	84	82	84	80	75	71	72	72
22-Feb	78	78	81	81	68	64	63	49	39	45	39	44	49	52	52	54	56	59	63	63	67	69	71	69
23-Feb	68	67	72	74	69	69	73	76	65	59	53	50	52	53	57	58	62	68	72	75	81	81	85	85
24-Feb	88	90	91	92	93	94	95	90	81	72	66	59	63	68	67	66	70	77	82	79	84	86	87	89
25-Feb	87	89	91	91	88	83	83	84	83	75	71	72	70	63	66	67	71	85	87	88	88	89	89	89
26-Feb	90	88	86	85	86	83	73	66	64	61	58	55	58	59	57	64	70	77	83	84	86	87	88	89
27-Feb	88	89	93	94	94	94	92	86	85	76	72	66	62	63	65	61	65	76	81	85	90	93	94	95
28-Feb	94	95	95	96	96	96	97	92	76	67	55	53	47	50	52	52	56	62	67	70	73	73	75	77
1-Mar	77	80	81	82	83	83	80	86	84	80	91	86	78	75	70	74	79	82	86	87	90	90	92	92
2-Mar	92	91	92	86	82	79	67	69	72	76	67	66	62	58	58	62	67	71	77	81	82	83	85	84
3-Mar	83	81	78	78	81	85	92	86	84	79	70	67	67	66	64	66	70	75	77	79	82	81	81	79
4-Mar	77	71	71	73	73	73	74	73	71	65	64	59	60	62	63	64	67	71	72	72	75	75	73	75
5-Mar	75	79	72	73	75	78	68	70	71	69	65	66	64	62	61	61	66	69	73	74	74	73	73	74
6-Mar	75	75	77	78	78	80	79	78	71	69	73	69	67	68	74	75	77	83	85	87	92	93	97	96
7-Mar	95	94	95	95	96	95	86	76	75	72	63	56	50	47	43	44	41	45	49	75	84	88	91	90
8-Mar	79	70	89	90	85	79	76	75	76	72	65	63	60	55	61	59	63	69	7					

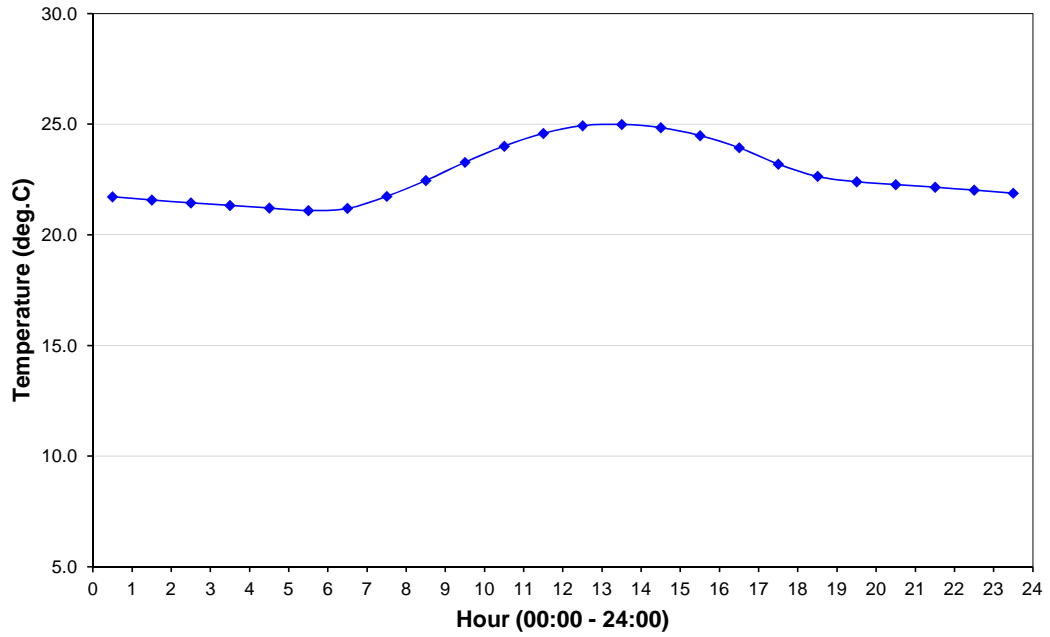
Hourly Relative Humidity Data in % from King's Park Meteorological Station 2011																									
	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24	
6-May	96	96	96	95	95	94	94	92	84	83	81	73	76	68	72	72	73	79	83	84	85	86	86	87	
7-May	88	88	89	88	89	91	90	84	77	71	71	67	67	65	66	65	74	79	87	88	90	90	89	92	
8-May	91	91	90	92	93	92	89	80	79	78	75	67	67	70	74	73	73	78	83	87	89	88	88	90	
9-May	87	88	88	89	87	88	87	78	72	78	72	78	74	68	63	57	62	59	67	71	75	79	83	86	
10-May	86	91	91	90	89	89	85	83	78	72	70	73	67	69	71	71	74	76	80	83	80	83	87	88	
11-May	88	89	93	91	92	87	82	85	81	73	74	69	71	72	69	71	74	78	80	84	84	84	85	87	
12-May	86	87	87	86	87	87	94	96	92	93	92	89	81	81	83	79	85	89	90	90	90	90	88	89	
13-May	90	94	94	94	94	96	97	97	95	91	91	81	80	87	86	89	91	92	93	93	93	93	93	94	
14-May	96	97	95	93	95	94	95	95	94	91	91	90	90	88	88	88	89	91	92	93	93	93	93	94	
15-May	94	95	95	95	96	96	96	95	90	86	79	77	80	88	93	95	97	95	94	95	96	89	91	84	
16-May	82	82	84	80	83	82	82	82	86	79	82	87	92	90	91	87	88	88	88	87	86	82	81	83	
17-May	83	84	84	86	79	66	56	53	45	40	35	39	41	42	54	62	69	73	78	80	83	84	83	83	
18-May	83	83	86	85	83	75	75	67	62	65	69	69	67	69	70	73	75	79	85	86	88	88	89	89	
19-May	89	91	91	92	93	90	88	82	76	70	66	71	70	68	67	73	76	78	87	88	90	90	89	89	
20-May	90	92	91	90	90	91	89	87	83	83	79	77	73	75	83	96	97	97	97	98	95	96	95	97	
21-May	98	97	97	96	96	96	96	96	98	98	99	96	93	94	90	88	87	88	89	88	99	98	99	99	
22-May	99	99	98	98	97	94	93	93	88	84	78	77	74	73	73	75	75	77	83	75	74	72	71	68	
23-May	68	70	68	70	73	86	92	87	80	76	75	74	77	75	81	79	91	89	92	88	89	83	82	84	
24-May	85	92	90	90	89	88	86	80	79	76	75	73	77	77	81	75	78	78	80	80	82	74	71	71	
25-May	72	70	72	71	69	70	73	70	64	59	57	56	53	53	54	56	59	68	74	73	76	77	74	75	
26-May	73	78	80	77	77	80	76	75	62	59	55	57	55	65	62	64	69	66	71	70	72	77	74	84	
27-May	78	86	91	93	90	72	72	60	60	57	50	56	56	53	53	51	51	54	57	60	63	63	70	73	
28-May	74	78	78	77	84	86	79	78	74	73	74	74	75	74	75	77	78	80	84	84	83	84	85	85	
29-May	84	83	80	78	77	78	79	75	69	66	59	60	58	54	50	52	49	59	60	72	78	79	80	83	
30-May	85	85	84	84	86	86	81	62	56	51	47	43	45	45	49	57	61	58	66	77	69	77	73	78	
31-May	80	84	86	80	80	81	77	72	70	66	67	60	60	56	58	66	73	75	77	80	84	86	87	88	
1-Jun	88	87	89	89	87	86	87	85	83	76	72	71	74	72	75	74	75	79	82	84	86	86	86	86	
2-Jun	87	86	86	83	83	84	84	84	82	79	68	63	64	68	71	66	68	69	73	74	80	81	83	86	85
3-Jun	85	85	84	83	86	87	86	82	77	69	65	69	70	74	76	77	78	78	81	84	85	85	85	84	
4-Jun	85	84	83	82	84	85	80	77	75	73	68	71	73	74	74	74	75	75	78	79	79	83	84	84	
5-Jun	84	85	83	84	85	85	83	79	75	77	78	74	72	71	74	69	72	75	77	77	78	78	79	83	
6-Jun	82	82	81	85	85	86	82	80	78	76	73	73	72	72	72	72	73	71	75	81	81	83	84	84	
7-Jun	81	82	82	83	85	87	90	83	78	76	73	71	71	70	71	71	74	78	77	81	82	83	84	83	
8-Jun	82	80	83	91	93	92	89	82	77	78	70	68	63	65	67	75	76	76	79	82	82	83	84	84	
9-Jun	84	86	87	87	87	87	77	78	66	60	58	61	64	61	63	61	68	71	78	82	83	82	83	84	
10-Jun	83	83	83	82	85	84	92	88	71	86	73	77	70	74	69	72	73	78	89	91	97	96	87	85	
11-Jun	91	93	93	91	90	87	98	97	95	96	98	94	77	75	74	76	78	80	80	76	80	78	82	86	
12-Jun	87	90	90	90	91	91	90	77	82	75	73	75	79	83	82	76	75	76	82	84	83	85	86	86	
13-Jun	86	83	84	84	83	82	84	80	77	85	78	78	79	75	68	70	74	80	81	81	83	81	81	79	
14-Jun	81	80	83	82	82	81	81	75	75	88	79	75	74	72	71	77	75	81	82	81	77	79	80	80	
15-Jun	83	83	84	95	95	94	93	95	99	100	98	99	98	96	95	98	96	91	92	96	97	97	96	95	
16-Jun	97	99	97	96	95	96	96	94	95	95	98	98	96	92	90	86	84	88	90	90	91	93	92	92	
17-Jun	90	88	90	88	87	88	92	85	88	88	80	79	64	70	72	73	77	80	85	87	88	90	89	89	
18-Jun	90	90	90	90	91	91	90	84	79	72	70	72	69	72	70	67	69	69	81	86	84	85	85	85	
19-Jun	85	87	88	88	89	89	85	75	67	73	71	70	68	64	64	61	58	54	64	71	71	71	74	78	
20-Jun	82	83	85	83	84	83	82	73	69	66	60	55	59	91	81	79	75	73	79	75	78	86	91	90	
21-Jun	89	87	94	94	95	95	88	87	81	96	91	94	84	84	85	97	95	95	95	97	94	90	93	87	89
22-Jun	82	83	84	86	86	88	85	85	85	84	86	86	85	84	85	85	87	87	87	88	88	87	88	88	
23-Jun	89	91	89	90	88	87	86	80	78	81	79	76	77	74	76	75	77	80	84	86	88	89	89	82	
24-Jun	97	90	91	93	89	90	89	85	78	71	73	70	74	71	67	67	75	79	78	81	85	85	85	88	
25-Jun	84	87	86	87	89	88	87	84	81	74	72	74	76	72	68	72	72	77	79	78	81	85	85	87	
26-Jun	88	91	90	91	92	90	86	81	74	72	74	76	72	68	72	72	77	79	79	78	77	77	76	82	
27-Jun	86	89	90	93	89	97	96	95	95	94	92	91	86	92	98	99	96	98	98	96	96	96	95	94	
28-Jun	96	94	96	96	94	95	97	95	92	87	90	86	95	91	94	98	95	96	97	98	97	96	96	96	
29-Jun	99	98	97	98	96	95	93	91	86	87	91	84	91	84	82	84	84	84	84	86	87	87	88	87	
30-Jun	87	88	88	88	93	96	95	89	86	86	90	84	86	83	80	84	78	77	81	84	87	88	89	91	
1-Jul	91	91	91	90	91	91	89	80	76	74	76	72	74	70	72	72	72	76	81	83	84	85	85	84	
2-Jul	83	84	83	87	85	85	84	82	79	77	77	81	70	67	68	68	71	72	72	76	81	83	84	84	
3-Jul	82	83	83	82	84	80	88	85	82	74	73	66	69	67	67	64	67	72	73	77	82	81	80	82	
4-Jul	84	81	89	86	90	88	85	83	74	74	72	68	68	67	65	63	67	70	75	76	78	80	78	81	
5-Jul	80	81	82	83	86	85	85	79	76	72	71	67	68	62	65	67	67	68	73	73	77	77	78	79	
6-Jul	82	79	80	83	86	83	83	76	77	76	72	69	67	68	62	65	67	69	73	75	76	79	79	82	
7-Jul	84	86	86	87	88	87	86	82	81	74	74	69	65	67	61	66	71	68	77	77	81	82	84	82	
8-Jul	83	84	86	86	89	90	86	83	79	76	73	72	70	66	69	72	74	80	77	82	82	79	77	80	
9-Jul	82	87	90	83	86	87	84	80	77	75	72	66	66	66	66	63	65	68	75	79	84	81	79	85	
10-Jul	87	85	86	86	86	86	87	85	83	83	92	84	77	73	75	82	87	85	87	92	91	85	84	83	
11-Jul	82	83	90	86	88	92	91	87	89	90	90	96	95	89	82	87</									

Hourly Relative Humidity Data in % from King's Park Meteorological Station 2011																									
	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24	
8-Sep	82	85	86	87	87	87	88	88	88	83	75	72	69	68	70	72	74	76	78	81	82	80	81	81	82
9-Sep	77	78	80	78	80	80	81	79	74	71	65	64	60	61	65	70	76	76	78	72	79	81	81	83	
10-Sep	83	83	82	93	89	88	81	78	74	68	67	63	57	66	67	65	70	73	77	79	81	80	80	79	
11-Sep	94	93	86	84	84	83	80	88	85	77	73	73	74	76	74	72	72	78	81	82	82	83	84	95	
12-Sep	95	94	91	88	87	85	83	81	77	76	72	72	69	69	70	71	74	80	83	82	81	82	83	81	
13-Sep	82	82	90	94	96	96	89	85	77	72	70	65	54	56	60	63	69	73	77	80	78	78	77	79	
14-Sep	77	83	79	81	83	83	80	76	75	66	62	59	59	59	61	62	64	71	74	75	77	78	79	79	
15-Sep	80	83	77	96	97	96	98	93	80	78	69	70	66	67	67	68	76	81	88	87	83	85	85	84	
16-Sep	86	84	86	88	88	88	82	79	75	75	73	69	72	72	71	76	80	85	82	86	83	84	82	82	
17-Sep	86	85	85	84	89	83	82	77	76	74	72	73	69	70	68	69	75	78	81	81	83	82	83	84	
18-Sep	83	85	83	83	82	83	85	85	79	78	75	77	79	79	74	76	79	78	78	78	78	79	81	81	
19-Sep	81	82	82	81	82	82	81	81	79	71	70	69	69	68	71	74	75	79	93	92	85	85	84	85	
20-Sep	79	76	75	75	79	77	79	77	79	77	79	76	73	73	72	72	71	70	71	71	72	66	67	68	
21-Sep	68	70	70	70	73	69	71	67	62	60	61	64	63	65	62	62	61	61	61	59	60	59	60	65	
22-Sep	63	62	62	63	62	63	62	65	66	64	62	60	60	60	64	65	63	66	67	71	73	74	71	70	
23-Sep	70	73	75	71	67	67	66	69	71	70	67	71	66	66	62	61	68	72	73	75	77	78	79	85	
24-Sep	77	74	74	75	75	72	69	70	68	70	63	60	59	64	66	73	72	70	70	69	67	70	74	73	
25-Sep	74	77	76	71	80	78	71	67	66	66	63	84	79	76	76	77	83	91	90	94	88	88	82	83	
26-Sep	81	81	80	80	79	80	80	80	78	76	73	71	68	70	69	74	78	79	81	82	82	84	87	87	
27-Sep	87	86	87	88	89	89	89	84	77	81	74	73	73	66	73	71	77	77	82	84	80	82	82	81	
28-Sep	85	86	83	80	76	77	77	75	67	65	62	58	55	55	54	55	57	70	65	63	66	82	81	81	
29-Sep	86	91	82	79	81	82	83	83	90	86	95	84	85	89	85	94	90	88	87	88	90	86	90	89	
30-Sep	88	88	91	89	91	89	89	88	86	83	83	82	82	83	84	87	90	89	89	91	92	92	91	93	
1-Oct	94	91	96	95	93	90	88	84	84	83	82	80	81	78	82	79	80	80	81	82	79	82	84	85	
2-Oct	81	79	83	84	80	86	82	75	67	71	71	77	91	87	87	84	82	77	80	78	79	77	74	74	
3-Oct	78	80	79	84	79	71	73	75	71	70	67	69	68	74	75	75	80	83	84	83	81	78	78	76	
4-Oct	77	75	73	73	73	71	73	73	71	73	70	68	73	70	74	77	79	81	83	86	84	84	83	81	
5-Oct	82	85	83	81	80	79	79	79	75	72	71	73	73	72	73	79	78	76	77	78	80	81	79	82	
6-Oct	81	80	82	81	79	79	80	78	74	75	72	72	67	72	70	75	79	83	85	86	87	86	85	83	
7-Oct	83	84	82	81	85	86	84	81	81	81	77	70	72	70	73	72	76	78	80	81	80	79	80	79	
8-Oct	78	81	83	80	80	83	82	79	78	76	63	64	61	64	65	69	73	78	78	80	81	83	81	81	
9-Oct	80	81	78	82	83	83	82	75	70	67	65	59	61	64	65	67	73	78	80	78	81	83	82	82	
10-Oct	80	76	72	76	74	73	73	72	70	70	71	68	65	67	86	94	89	96	90	88	92	95	93	95	
11-Oct	91	91	96	94	96	93	95	92	91	92	89	92	93	96	91	89	88	89	86	88	93	95	93	97	
12-Oct	96	95	91	92	93	98	98	98	99	99	99	97	97	95	98	98	99	99	98	99	99	98	98	98	
13-Oct	98	99	99	99	97	98	98	96	99	99	99	92	87	86	87	97	96	95	94	94	94	94	95	96	
14-Oct	96	98	98	98	97	98	98	96	93	94	91	89	82	83	79	78	80	79	81	78	76	77	75	77	
15-Oct	80	87	88	87	85	84	81	80	81	75	69	63	59	59	56	51	53	56	60	59	56	59	64	64	
16-Oct	64	60	61	60	55	60	61	65	54	51	55	46	47	46	44	41	49	49	68	71	71	73	78	79	
17-Oct	80	85	87	88	85	83	78	59	53	51	48	40	45	43	40	48	60	65	70	70	79	82	78	79	
18-Oct	81	81	82	81	84	85	79	64	65	61	60	61	60	62	63	62	64	67	71	71	70	68	72	73	
19-Oct	76	76	78	75	73	71	67	71	69	62	60	58	58	59	62	62	62	67	69	70	73	72	73	75	
20-Oct	77	77	81	79	81	82	81	77	69	64	57	59	59	62	62	62	62	62	71	72	78	81	81	82	
21-Oct	85	87	87	87	85	83	80	77	74	64	59	53	54	51	58	57	67	68	72	76	78	81	83	85	
22-Oct	85	88	88	86	86	87	88	83	77	75	69	67	65	65	64	68	67	73	75	78	81	82	83	82	
23-Oct	78	79	79	81	82	83	83	83	79	77	76	69	69	70	73	74	77	83	84	86	86	88	88	87	
24-Oct	89	88	88	87	88	88	89	83	78	76	71	68	63	64	66	65	65	72	75	78	82	83	83	88	89
25-Oct	89	89	89	93	89	82	77	72	70	69	73	75	74	71	85	80	83	85	77	85	80	82	82	82	
26-Oct	84	83	82	81	80	83	82	79	76	72	69	65	67	68	74	75	75	74	76	78	77	79	82	82	
27-Oct	94	92	88	82	88	91	84	82	74	72	67	66	68	64	64	66	68	72	74	76	72	72	72	78	
28-Oct	74	79	81	77	79	79	83	77	69	58	61	60	64	56	67	70	62	64	64	63	65	67	69	71	
29-Oct	74	73	74	75	74	74	74	72	66	63	59	59	56	59	64	65	64	68	61	67	68	66	68	70	
30-Oct	74	77	78	77	80	80	76	74	70	68	67	64	64	65	67	70	73	77	79	78	74	81	80	80	
31-Oct	79	78	75	74	73	74	72	70	68	66	66	60	61	56	62	66	69	70	76	77	79	79	80	80	
1-Nov	80	81	79	78	79	79	78	77	70	67	57	58	54	51	55	60	61	65	70	73	76	78	82	83	
2-Nov	85	84	84	84	83	84	83	73	68	63	62	61	58	51	53	60	61	66	71	72	75	78	82	83	
3-Nov	87	87	87	88	88	88	85	80	71	65	62	62	62	58	59	66	71	79	80	82	85	84	83	83	
4-Nov	82	84	87	85	86	86	87	82	75	72	68	63	61	64	65	71	75	83	83	84	84	81	81	82	
5-Nov	84	85	83	84	90	89	87	84	76	71	71	68	60	61	64	65	71	75	83	84	84	82	81	81	
6-Nov	79	80	79	75	78	71	82	73	73	73	70	71	68	60	71	76	78	80	85	80	79	79	82	77	
7-Nov	77	75	75	72	72	70	75	73	73	70	71	68	60	61	61	61	61	61	61	61	61	61	61	61	
8-Nov	92	95	95	95	93	94	91	89	87	87	85	87	87	84	94	93	96	93	98	94	97	96	95	97	
9-Nov	96	94	92	94	95	95	94	95	94	93	93	88	88	87	82	83	82	82	82	84	82	78	85	84	
10-Nov	84	86	86	87	86	83	82	85	81	75	70	68	67	66	65	67	66	65	69	69	69	68	67	71	
11-Nov	71	75	75	73	76	79	78	76	72	72	66	64	67	66	65	67	64	68	67	67	67	67	69	66	
12-Nov	66	71	71	74	79	78	76	75	68	68	61	60	61	60	63	66	67	68	79	82	84	87	86	89	
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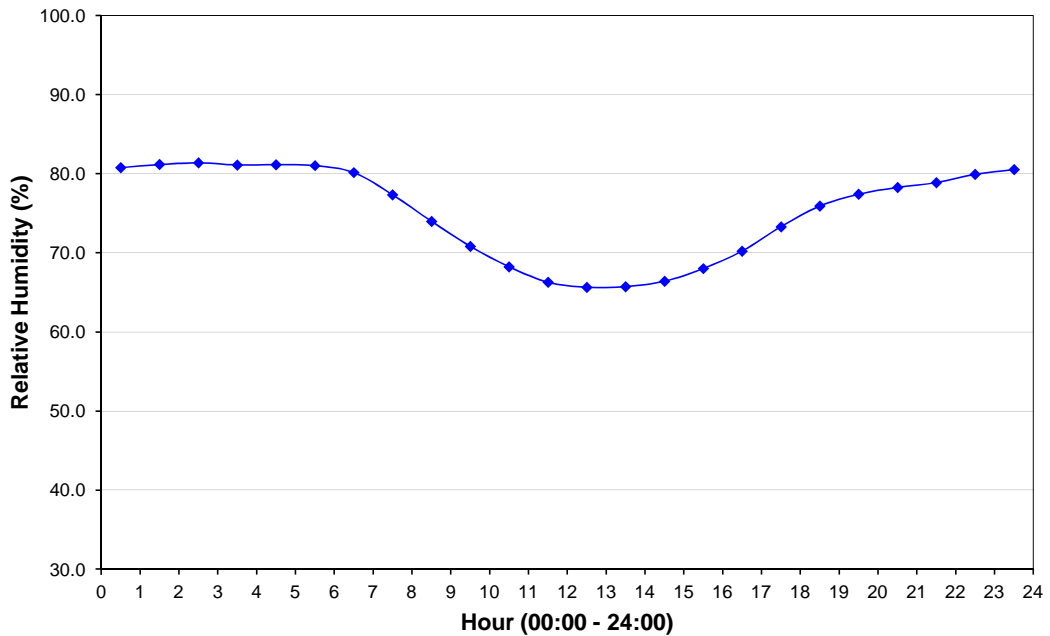
Monthly Relative Humidity Average (in %)

Month	Hour 1	Hour 2	Hour 3	Hour 4	Hour 5	Hour 6	Hour 7	Hour 8	Hour 9	Hour 10	Hour 11	Hour 12	Hour 13	Hour 14	Hour 15	Hour 16	Hour 17	Hour 18	Hour 19	Hour 20	Hour 21	Hour 22	Hour 23	Hour 24
1	68.8	70.1	70.4	69.7	69.5	69.4	69.2	67.8	64.5	61.9	58.8	56.1	54.4	54.5	55.3	57.5	59.8	63.4	65.2	66.5	67.4	67.1	68.5	69.1
2	83.4	83.6	84.0	83.9	83.3	82.8	83.4	80.8	76.9	72.8	69.1	66.5	66.0	66.4	66.4	67.5	70.2	75.0	77.6	79.0	80.8	81.9	82.9	82.7
3	75.6	74.9	75.9	74.8	74.4	73.6	73.7	72.2	69.1	67.1	63.3	60.0	60.0	59.1	60.6	61.8	64.6	68.1	70.7	72.2	73.9	74.1	76.8	76.1
4	85.2	85.9	85.7	85.2	84.8	84.5	83.0	78.9	75.1	70.7	67.6	64.3	63.0	63.7	64.2	65.6	67.8	73.0	77.7	80.5	81.5	82.6	83.8	84.1
5	86.6	87.8	88.2	87.9	88.4	87.3	86.5	83.1	78.2	75.4	73.1	71.8	71.0	71.1	72.4	74.1	77.0	79.5	82.7	84.2	84.8	85.1	85.2	86.1
6	86.4	87.0	87.6	88.1	88.2	88.4	87.5	83.9	80.9	79.1	78.0	76.4	75.7	76.1	75.8	76.3	77.7	78.9	82.3	83.9	84.8	85.5	86.3	86.3
7	86.7	87.2	88.2	87.8	88.5	89.1	88.6	84.2	81.4	79.5	77.3	75.9	74.7	73.5	72.9	74.4	76.1	79.6	82.2	83.9	84.1	84.5	85.5	86.3
8	84.2	84.8	84.7	85.3	85.7	86.8	84.5	80.4	76.9	72.3	68.9	68.1	68.4	68.3	69.3	70.2	70.5	72.7	76.2	78.3	79.5	81.1	82.1	83.6
9	81.5	82.4	82.1	82.7	83.3	82.7	81.5	80.1	77.1	74.0	71.3	70.9	69.5	70.0	69.6	71.5	74.2	77.0	79.3	80.2	80.0	80.2	81.0	82.2
10	82.5	83.0	83.3	82.9	82.5	82.6	81.3	78.1	74.7	72.4	70.1	67.8	67.9	67.7	70.1	71.8	73.9	76.1	77.6	79.0	79.3	80.0	80.9	81.9
11	80.9	81.1	80.9	80.4	80.8	80.4	80.3	78.4	74.7	69.7	67.9	65.8	65.5	65.7	67.5	70.3	72.2	75.6	77.7	79.0	79.6	80.0	80.9	81.0
12	67.3	66.1	65.6	64.4	64.3	64.0	62.2	60.2	58.0	55.2	53.1	51.4	51.6	51.9	52.6	54.9	58.3	60.7	62.0	62.4	64.0	64.8	65.8	66.9
Annual Average (%)	80.8	81.2	81.4	81.1	81.2	81.0	80.2	77.3	74.0	70.8	68.2	66.3	65.7	65.7	66.4	68.0	70.2	73.3	75.9	77.4	78.3	78.9	79.9	80.5

**24-hour Variation of Annual Average Temperature in 2011
(data from King's Park Meteorological Station)**



**24-hour Variation of Annual Average Relative Humidity in 2011
(data from King's Park Meteorological Station)**



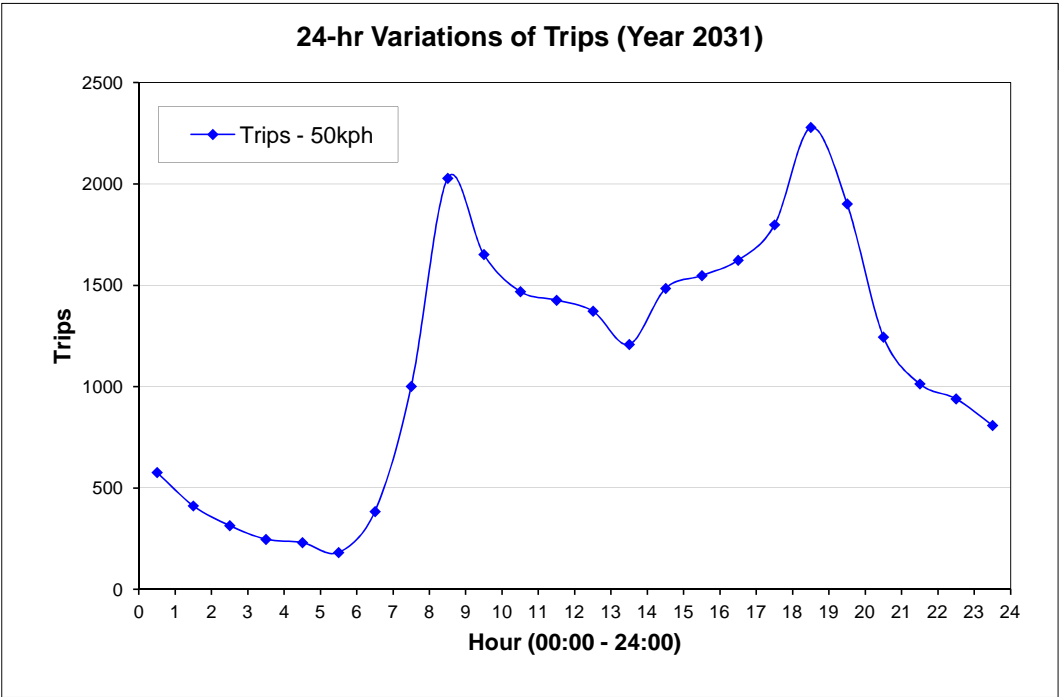
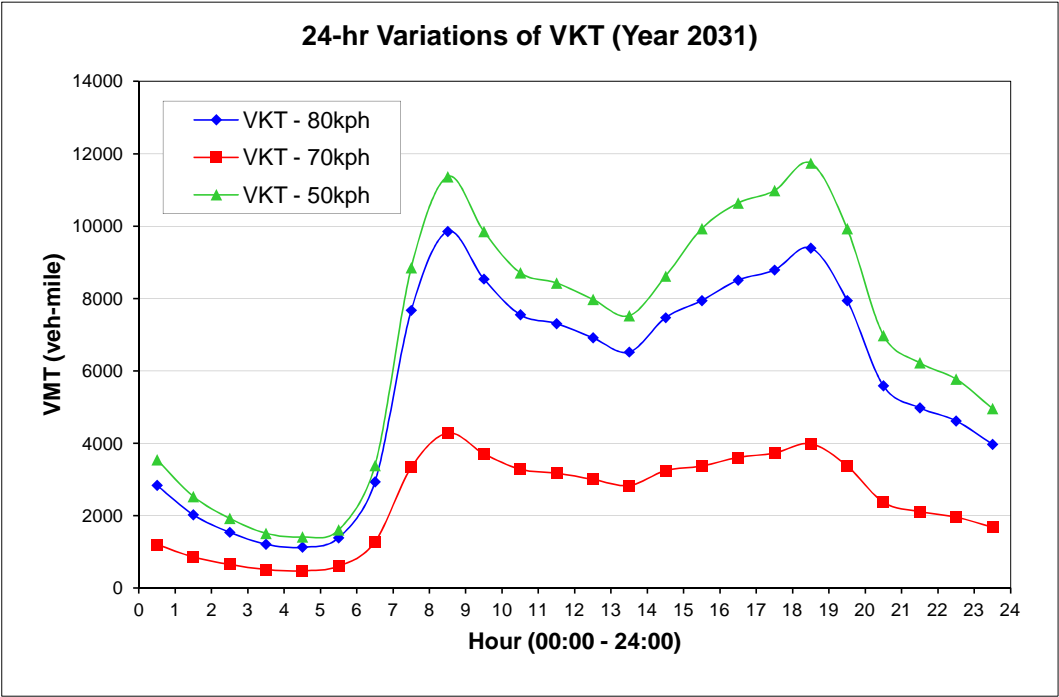
Road Type: 50kph
Year: 2031

VKT

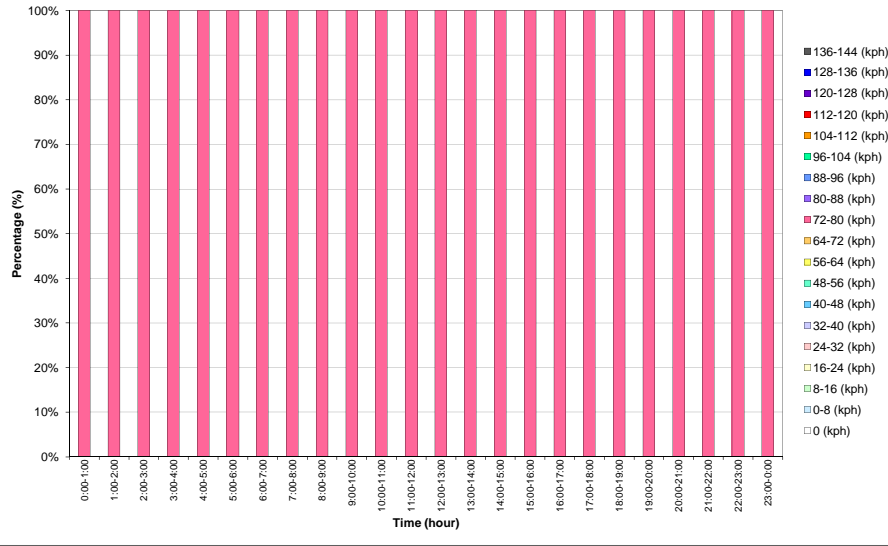
Vehicle Classes	Description	Fuel Type	Hour																							
			0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
1	Private Cars (PC)	Petrol	1266	903	688	541	504	532	1122	2931	3763	3262	2884	2791	2641	2492	2853	3540	3792	3915	4185	3540	2489	2219	2059	1770
		Diesel	6	4	3	3	2	3	6	14	18	16	14	14	13	12	14	17	19	19	21	17	12	11	10	9
3	Taxi	Diesel	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		LPG	1342	957	729	573	534	602	1268	3313	4254	3687	3260	3155	2986	2816	3225	3752	4019	4149	4435	3751	2638	2351	2182	1876
4	Light Goods Vehicles<=2.5t	Petrol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Diesel	1	0	0	0	0	0	1	1	2	2	1	1	1	1	2	2	2	2	2	2	1	1	1	1
5	Lt Goods Vehicles 2.5-3.5t	Petrol	7	5	4	3	3	3	7	18	23	20	18	17	16	16	18	20	21	22	23	20	14	12	11	10
		Diesel	233	166	127	99	93	110	231	603	774	671	593	574	543	513	587	651	697	720	769	651	458	408	378	325
6	Lt Goods Vehicles 3.5-5.5t	Diesel	76	55	42	33	30	36	76	198	254	220	195	189	178	168	193	214	229	236	253	214	150	134	124	107
7	Heavy Goods Vehicles 5.5-15t	Diesel	149	106	81	64	59	41	85	223	287	249	220	213	201	190	217	416	446	461	492	416	293	261	242	208
8	Heavy Goods Vehicles >=15t	Diesel	31	22	17	13	13	26	56	146	187	162	144	139	131	124	142	88	94	97	104	88	62	55	51	44
11	Public Light Buses	Diesel	35	25	19	15	14	18	38	99	127	110	98	95	89	84	97	98	105	109	116	98	69	62	57	49
		LPG	64	46	35	27	25	33	69	181	232	201	178	172	163	154	176	179	192	198	212	179	126	112	104	90
12	Private Light Bus <=3.5t	Petrol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		Diesel	7	5	4	3	3	6	12	31	40	35	31	30	28	27	31	20	21	22	23	20	14	12	11	10
13	Private Light Bus >3.5t	LPG	2	2	1	1	1	2	4	10	13	11	10	9	9	8	10	6	7	7	7	6	4	4	4	3
		Petrol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	Private Light Bus >3.5t	Diesel	13	9	7	6	5	11	22	58	75	65	57	56	53	50	57	39	40	43	37	26	23	21	18	18
		LPG	4	3	2	2	2	3	7	18	24	20	18	18	17	16	18	12	12	13	14	12	8	7	7	6
14	Non-franchised Bus<=6.4t	Diesel	6	4	3	2	2	5	10	26	33	28	25	24	23	22	25	16	17	18	19	16	11	10	9	8
15	Non-franchised Bus 6.4-15t	Diesel	85	61	46	36	34	68	144	377	484	419	371	359	340	320	367	238	256	264	282	239	168	150	139	119
16	Non-franchised Bus >15t	Diesel	2	1	1	1	1	1	3	7	10	8	7	7	7	6	7	5	5	5	6	5	3	3	3	2
17	Franchised Bus (SD)	Diesel	1	0	0	0	0	0	1	2	2	2	2	2	2	1	2	2	2	2	2	1	1	1	1	1
18	Franchised Bus (DD)	Diesel	8	6	5	4	3	4	9	23	30	26	23	22	21	20	23	23	25	26	27	23	16	15	14	12
19	Motorcycles (MC)	Petrol	214	152	116	91	85	104	219	573	736	638	564	546	516	487	558	597	640	661	706	597	420	374	347	299

Trips

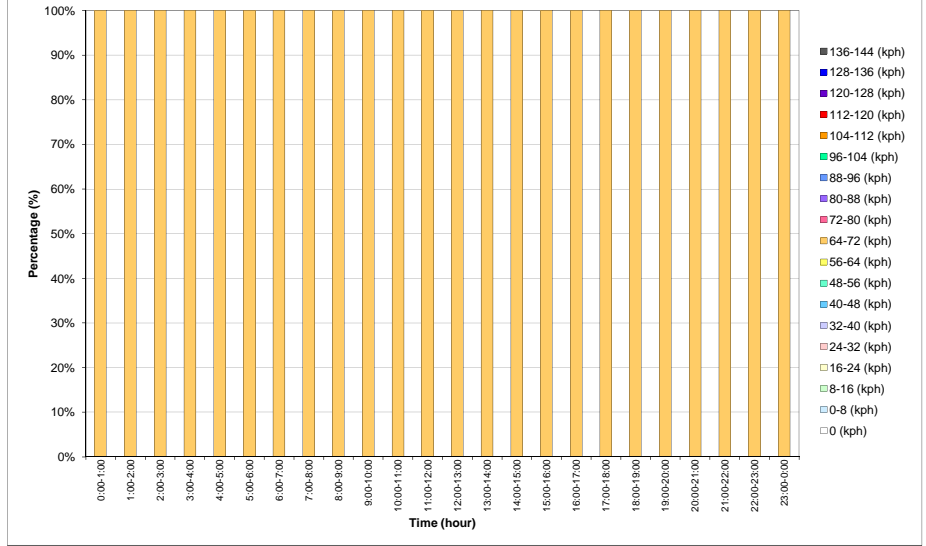
Vehicle Classes	Description	Fuel Type	Hour																							
			0:00	1:00	2:00	3:00	4:00	5:00	6:00	7:00	8:00	9:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
1	Private Cars (PC)	Petrol	520	371	283	222	207	145	306	800	1823	1491	1311	1254	1261	1072	1318	1396	1450	1552	2022	1738	1136	905	846	727
3	Taxi	LPG	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	Light Goods Vehicles<=2.5t	Petrol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	Lt Goods Vehicles 2.5-3.5t	Petrol	3	2	2	1	1	1	2	5	11	9	8	8	8	7	8	8	8	9	11	10	6	5	5	4
11	Public Light Buses	LPG	1	1	1	1	1	1	4	8	8	8	4	4	4	4	4	4	4	8	8	8	4	4	4	4
12	Private Light Bus <=3.5t	Petrol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		LPG	0	0	0	0	0	2	4	10	4	3	4	4	5	4	5	7	7	7	7	2	1	0	1	0
13	Private Light Bus >3.5t	Petrol	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		LPG	1	0	0	0	0	3	7	18	7	6	7	7	9	7	10	12	13	12	4	2	1	1	1	1
19	Motorcycles (MC)	Petrol	52	37	28	22	21	29	62	161	176	134	135	150	86	115	140	122	143	211	231	142	97	98	84	72



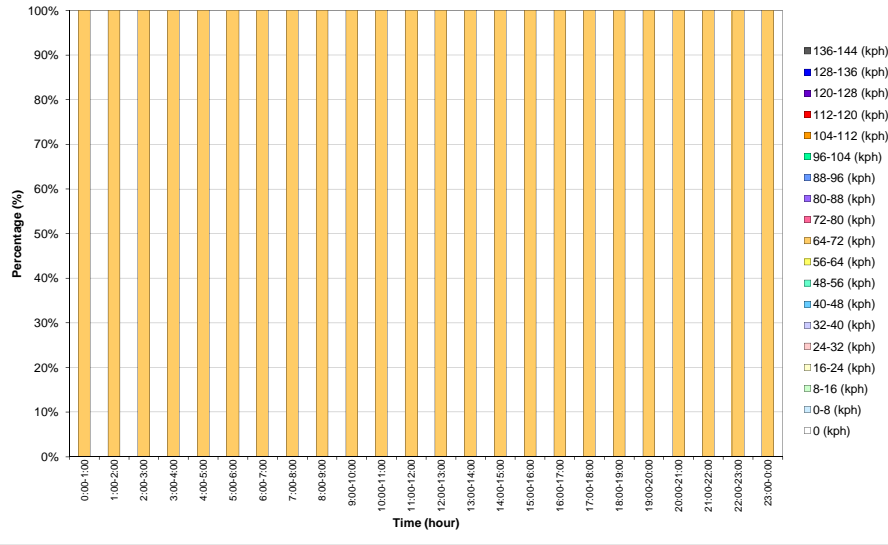
**Distribution of Speed Fraction - Private Light Bus <=3.5t
80kph - Year 2031**



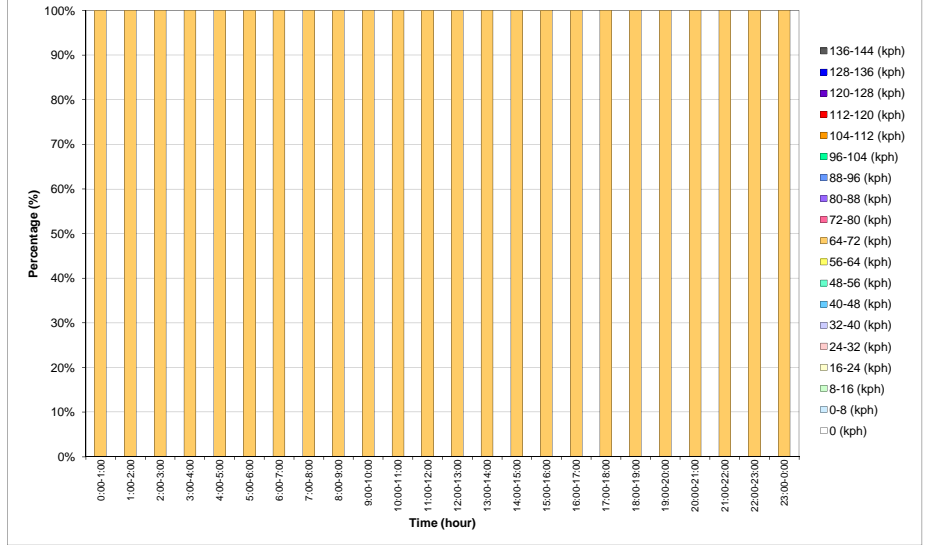
**Distribution of Speed Fraction - Private Light Bus >3.5t
80kph - Year 2031**

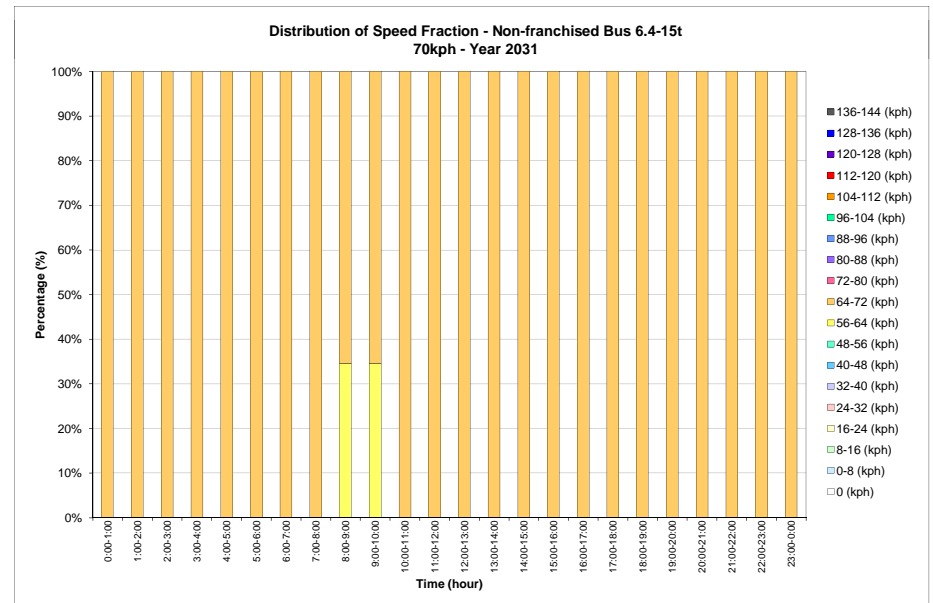
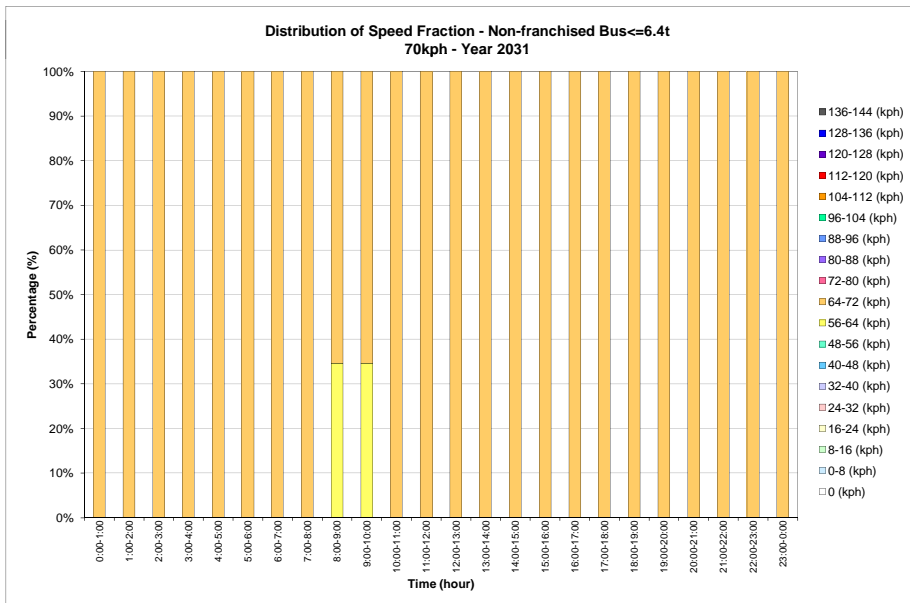
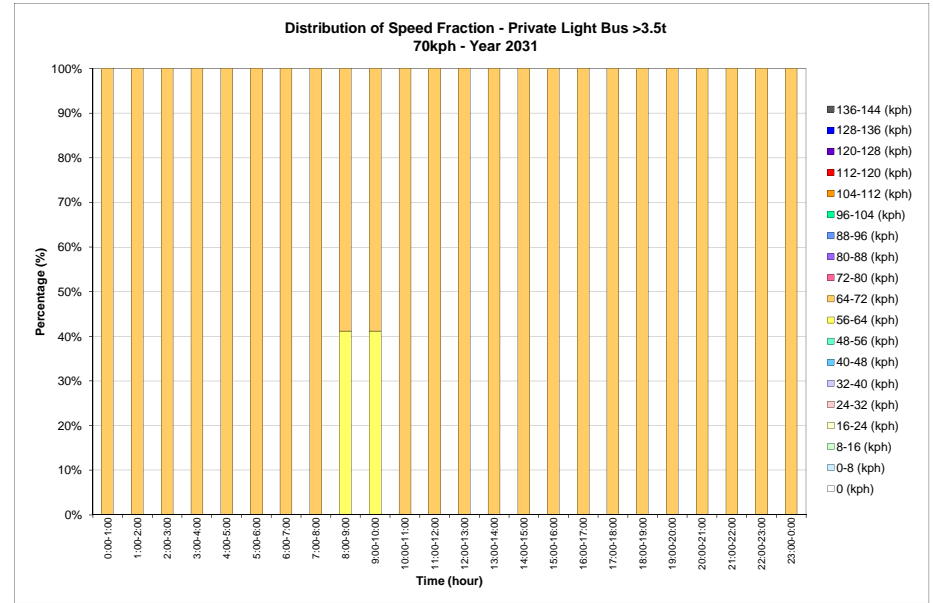
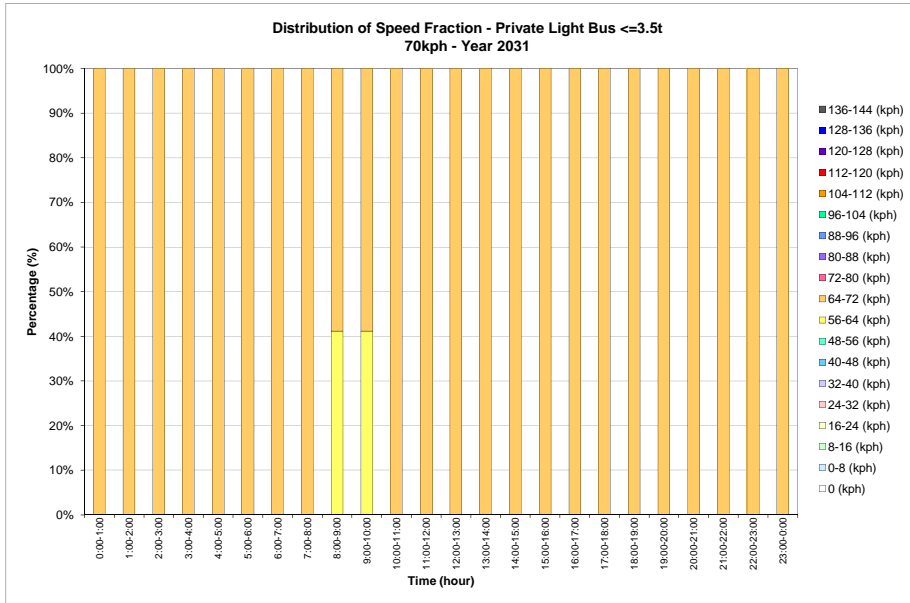


**Distribution of Speed Fraction - Non-franchised Bus <=6.4t
80kph - Year 2031**

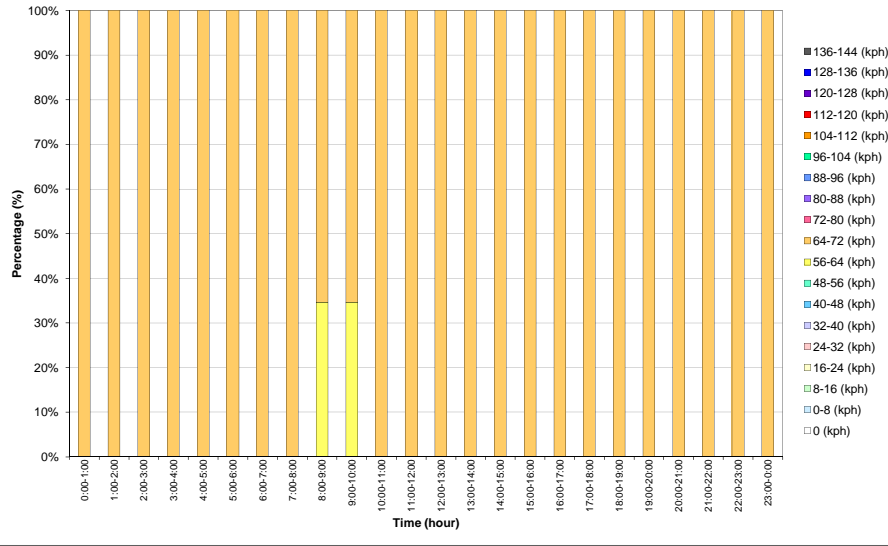


**Distribution of Speed Fraction - Non-franchised Bus 6.4-15t
80kph - Year 2031**

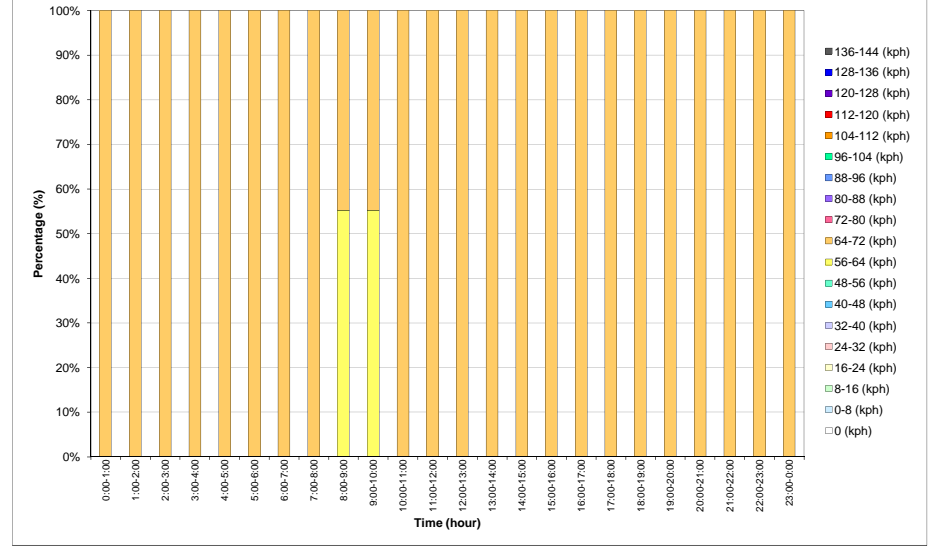




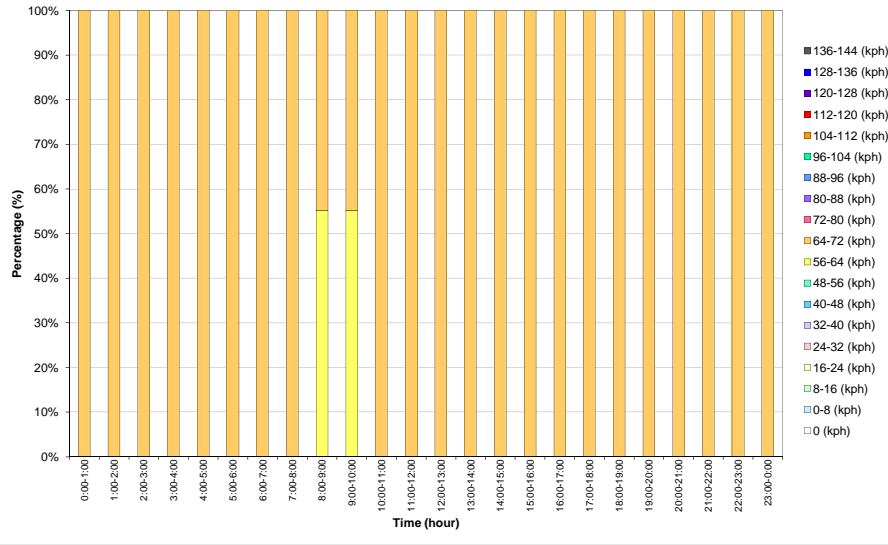
Distribution of Speed Fraction - Non-franchised Bus >15t
70kph - Year 2031



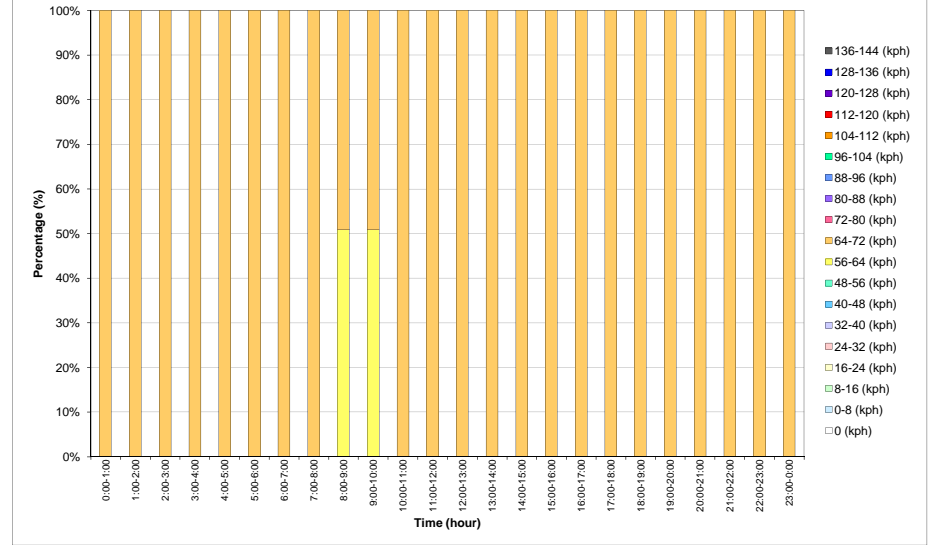
Distribution of Speed Fraction - Franchised Bus (SD)
70kph - Year 2031



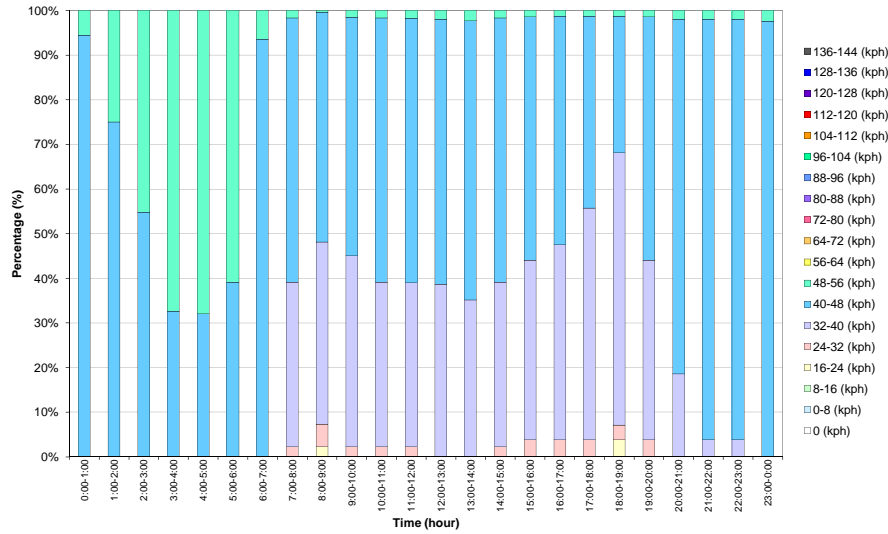
Distribution of Speed Fraction - Franchised Bus (DD)
70kph - Year 2031



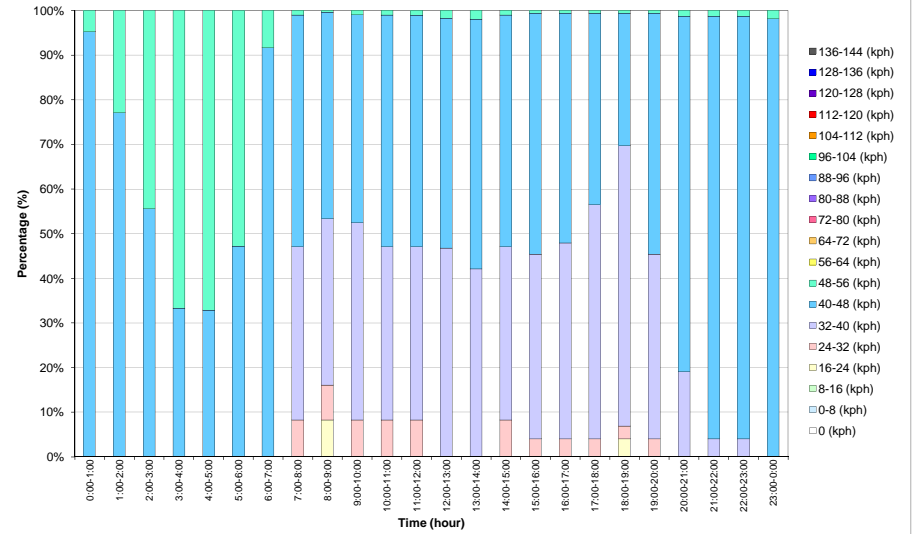
Distribution of Speed Fraction - Motorcycles (MC)
70kph - Year 2031



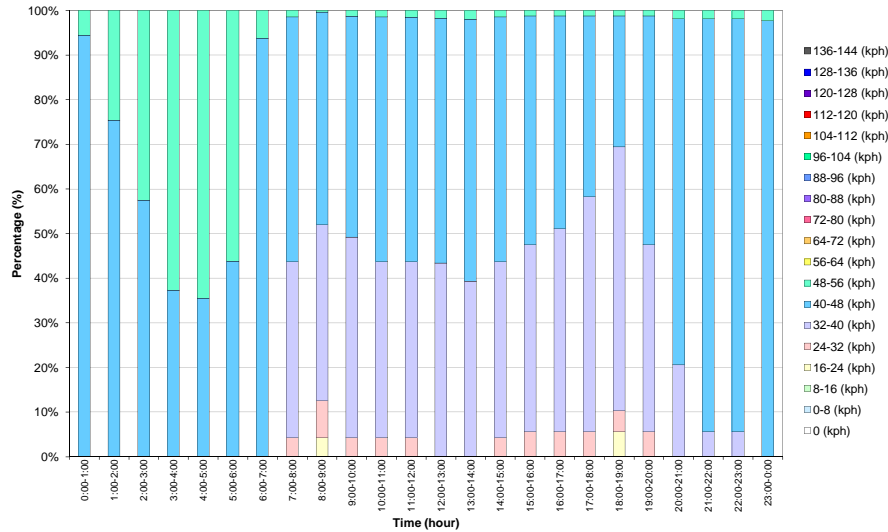
**Distribution of Speed Fraction - Private Cars (PC)
50kph - Year 2031**



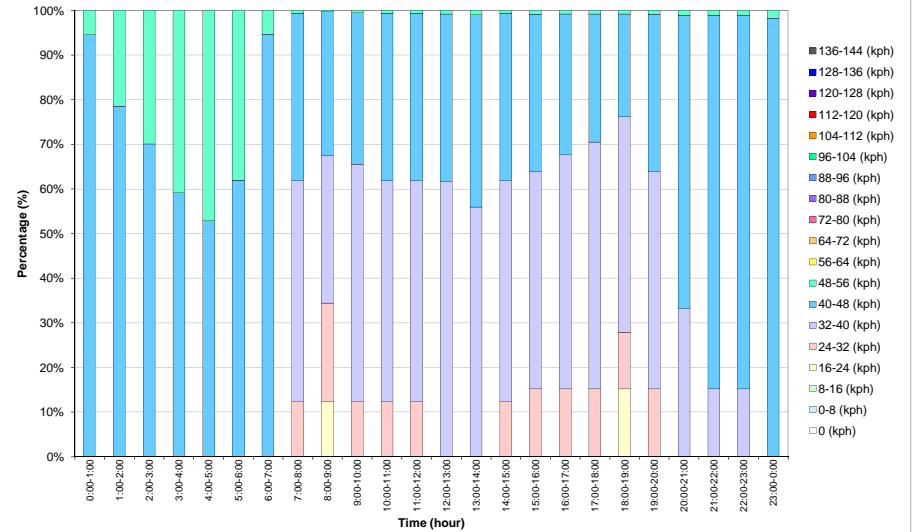
**Distribution of Speed Fraction - Taxi
50kph - Year 2031**



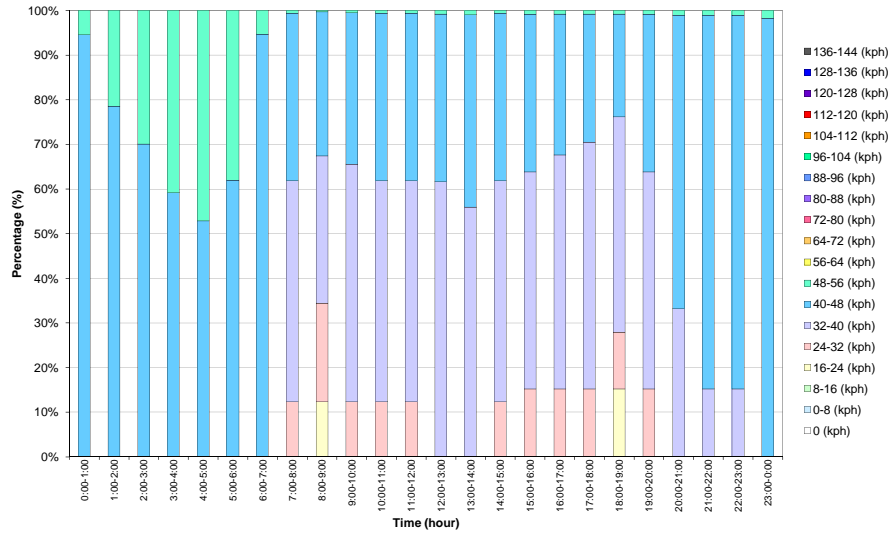
**Distribution of Speed Fraction - Light Goods Vehicles <=2.5t
50kph - Year 2031**



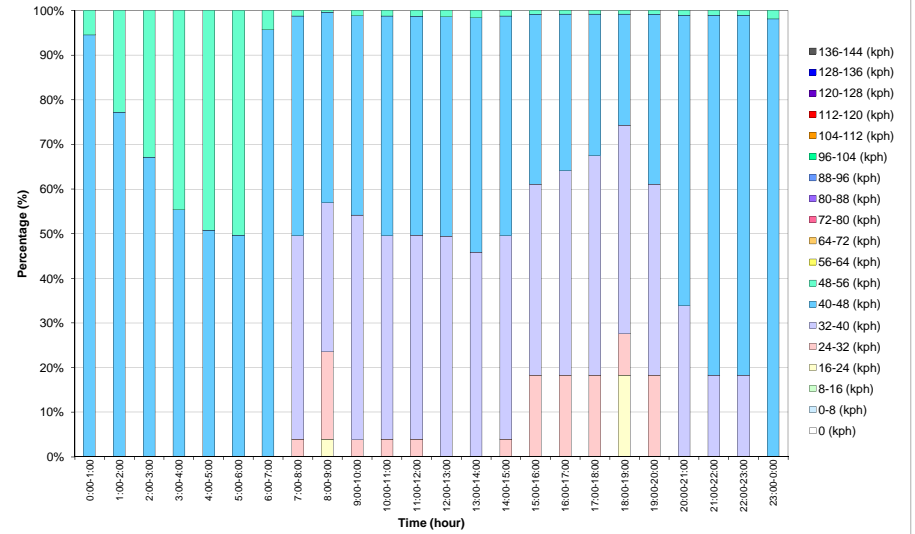
**Distribution of Speed Fraction - Lt Goods Vehicles 2.5-3.5t
50kph - Year 2031**



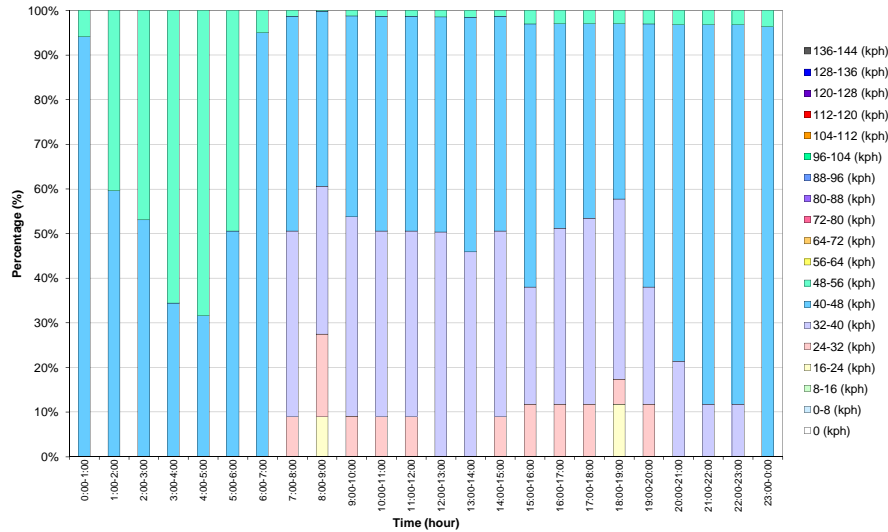
**Distribution of Speed Fraction - Lt Goods Vehicles 3.5-5.5t
50kph - Year 2031**



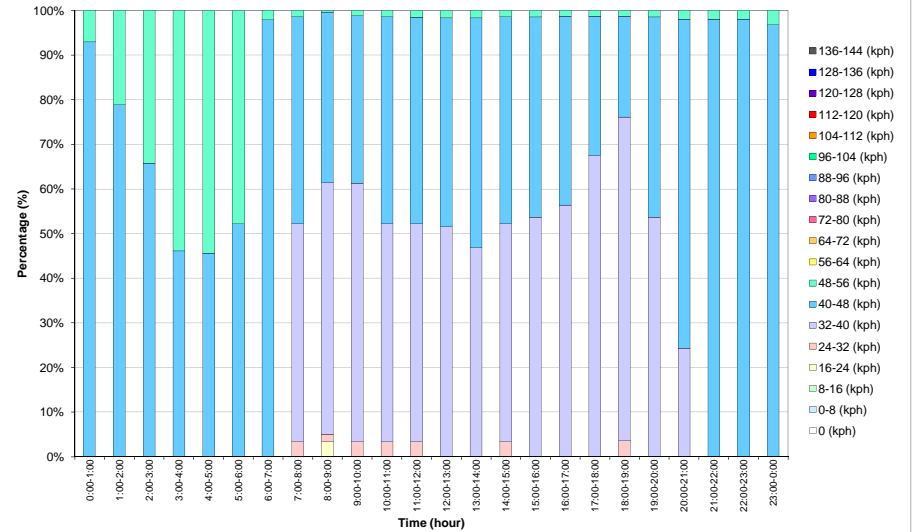
**Distribution of Speed Fraction - Heavy Goods Vehicles 5.5-15t
50kph - Year 2031**



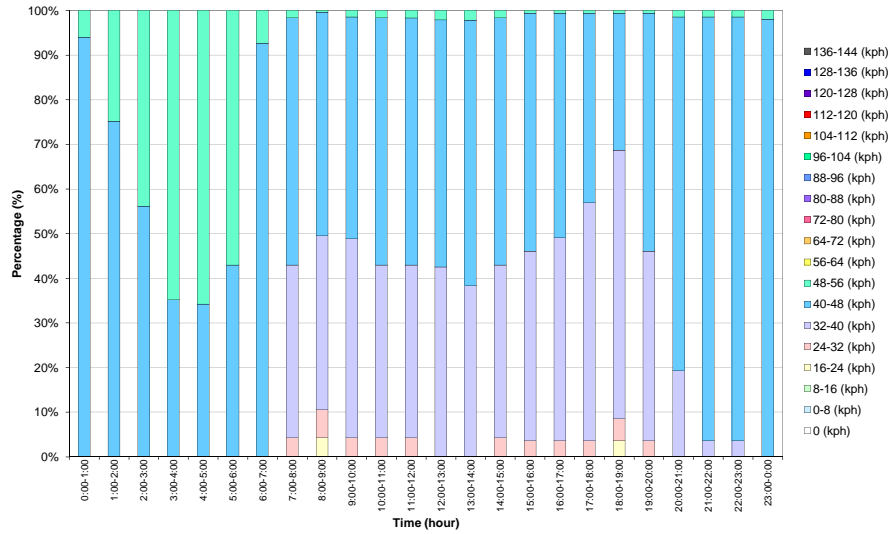
**Distribution of Speed Fraction - Heavy Goods Vehicles >=15t
50kph - Year 2031**



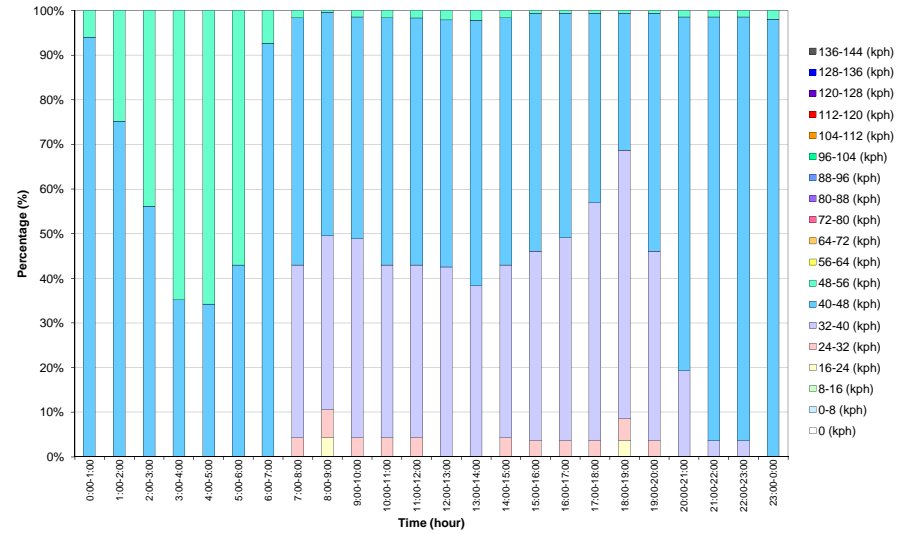
**Distribution of Speed Fraction - Public Light Buses
50kph - Year 2031**



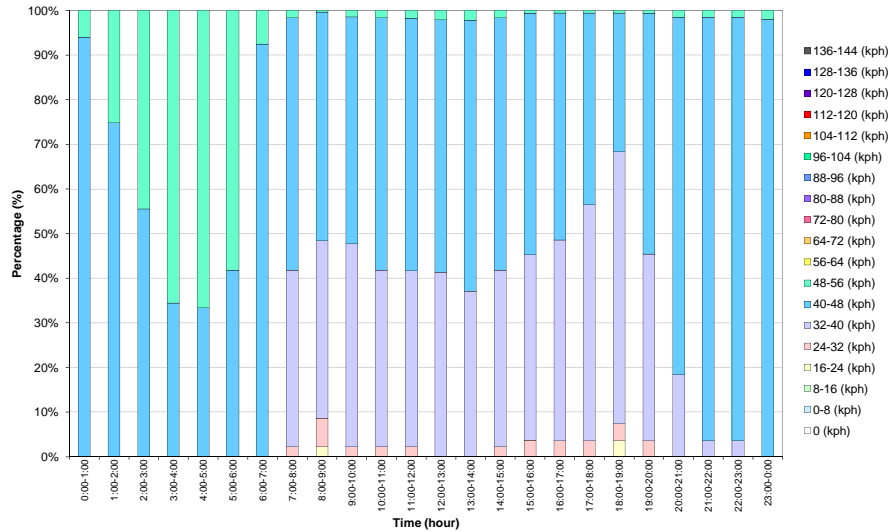
**Distribution of Speed Fraction - Private Light Bus <=3.5t
50kph - Year 2031**



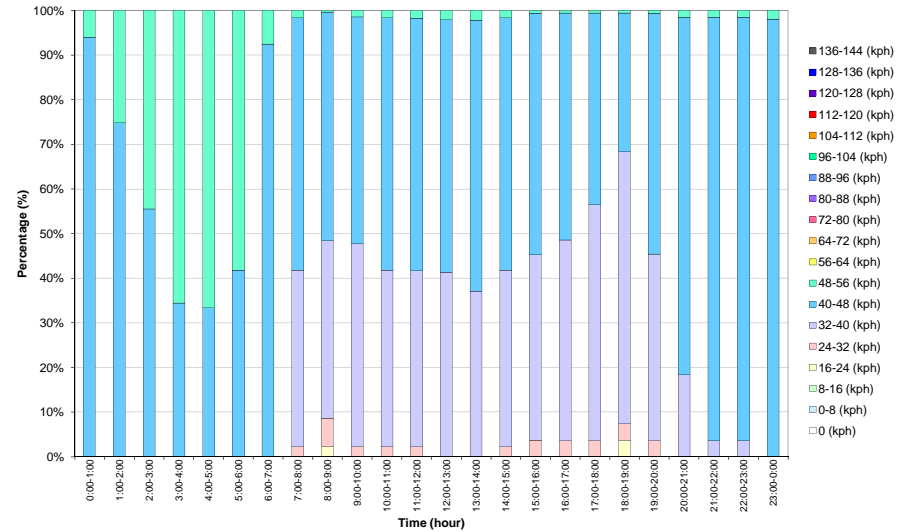
**Distribution of Speed Fraction - Private Light Bus >3.5t
50kph - Year 2031**



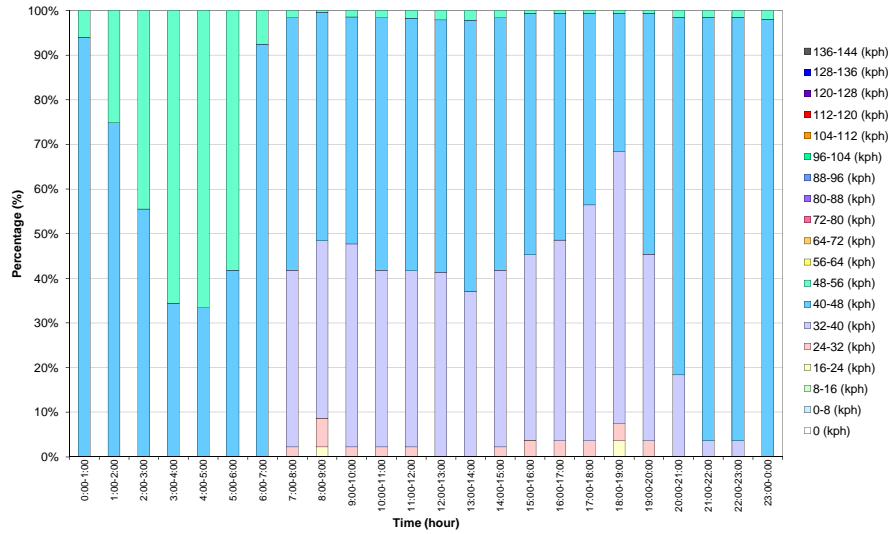
**Distribution of Speed Fraction - Non-franchised Bus <=6.4t
50kph - Year 2031**



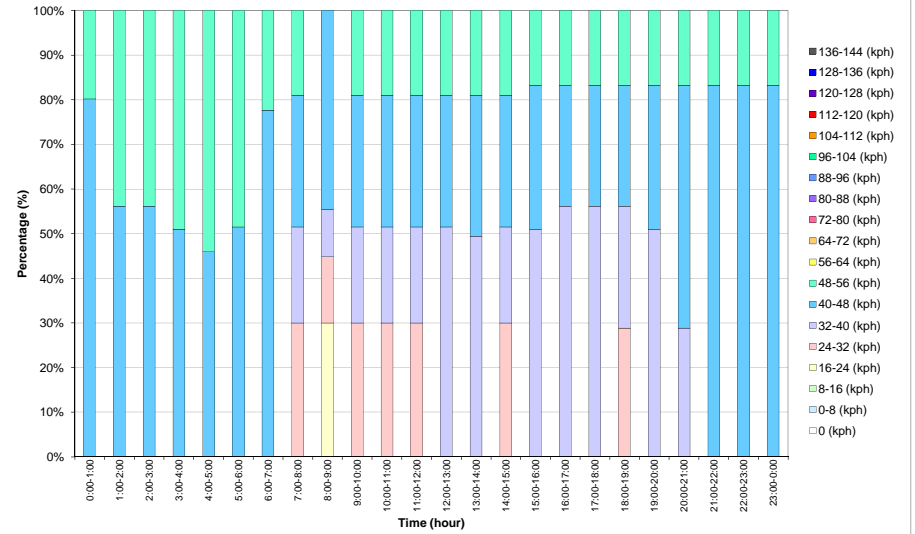
**Distribution of Speed Fraction - Non-franchised Bus 6.4-15t
50kph - Year 2031**



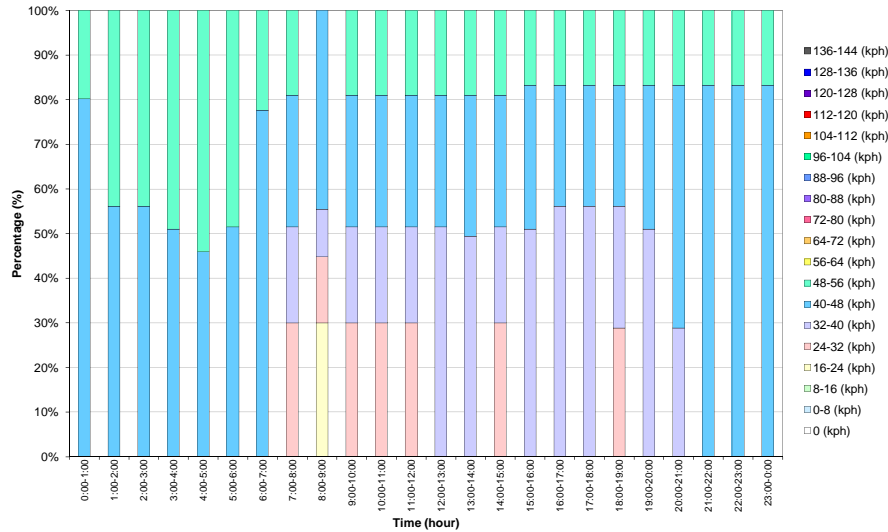
Distribution of Speed Fraction - Non-franchised Bus >15t
50kph - Year 2031



Distribution of Speed Fraction - Franchised Bus (SD)
50kph - Year 2031



Distribution of Speed Fraction - Franchised Bus (DD)
50kph - Year 2031



Distribution of Speed Fraction - Motorcycles (MC)
50kph - Year 2031

