



AIRSERVICES AUSTRALIA

Sydney Airport
Operational Statistics
March 2011

Produced by Environmental Services

PREVIEW

Sydney Airport Operational Statistics Report Preview

March 2011

Total Runway Movements (excluding helicopter operations) (refer pages 5-10)

There were a total of 26,257 aircraft movements this month (daily average 847.00). Last month there were a total of 23,248 movements (daily average 830.29) and for the same month last year there were a total of 25,661 movements (daily average 827.77).

Mode Utilisation (refer pages 11 & 13)

Individual mode use in excess of 9 hours occurred on 23 days this month, Mode 9 on 11 days, Mode 10 on 12 days. Crossing runway modes (including Sodprops) were used for 25.18% of non Curfew hours.

Mode 15 was introduced during RESA works (commenced October 2008) and ceased being used at the completion of RESA (April 2010)

Runway End Impact Long Term Operating Plan (LTOP) Targets (refer page 12)

LTOP targets - North 17% - South 55% - East 13% - West 15%

The two fundamental factors which influence the selection of a runway and therefore the LTOP targets are forecast or prevailing weather and traffic levels. This month's results are as follows:

North 30.57% - This result is above the LTOP target and below the previous month (31.16%)

South 51.98%- This result is below the LTOP target and above the previous month (51.58%)

East 12.05% - This result is below the LTOP target and below the previous month (13.02%)

West 5.38% - This result is below the LTOP target and above the previous month (4.23%)

16 Precision Runway Monitor (PRM) Operations (refer page 14)

This procedure was not used in March 2011

Noise Enquiry Service (refer pages 15-20)

A total of 2676 complaints, comments and enquiries were received as follows:

2510 Sydney suburbs complaints from 210 complainants

47 Sydney suburbs comments and enquiries

119 non Sydney Airport or Sydney suburbs (NSW only) complaints, comments and enquiries

Noise Enquiry Service

Environmental Services

Airservices Australia

telephone 1-800-802-584

facsimile (02) 9556-6641

e-mail neu@airservicesaustralia.com

internet www.airservicesaustralia.com

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This report is available on the Internet at Airservices Australia website at

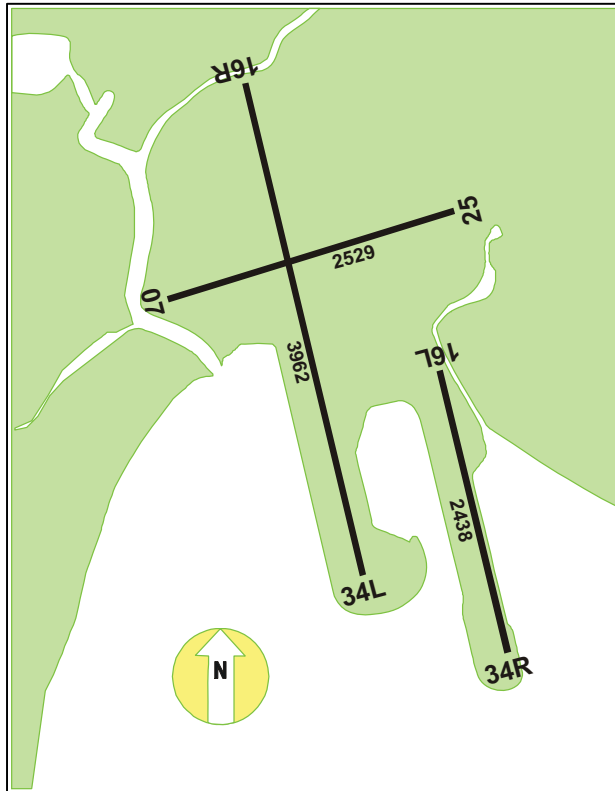
www.airservicesaustralia.com

click on “Projects & Services”, “Reports & Statistics” **then**

“Sydney Airport Operational Statistics”.

* This information is produced using Airservices Australia’s Noise and Flight Path Monitoring System and the TNIP software package developed by the Department of Infrastructure, Transport, Regional Development and Local Government.

Sydney Airport Runways



Runway numbers refer to the direction an aircraft is flying.

Runway 16R/34L Main North-South runway
 Runway 16L/34R Parallel North-South runway.
 Runway 07/25 East-West runway.

Runways 16L and 16R Used by aircraft landing or taking off towards the South.
 (16=approx. 160 degrees magnetic bearing)

Runway 34L Used by aircraft landing or taking off towards the North.
 (34=approx. 340 degrees magnetic bearing)

Runway 34R Used by aircraft landing toward the north and taking off to the East.

Runway 07 Used by aircraft landing or taking off towards the East.
 (07=approx. 070 degrees magnetic bearing)

Runway 25 Used by aircraft landing or taking off towards the West.
 (25=approx. 250 degrees magnetic bearing)

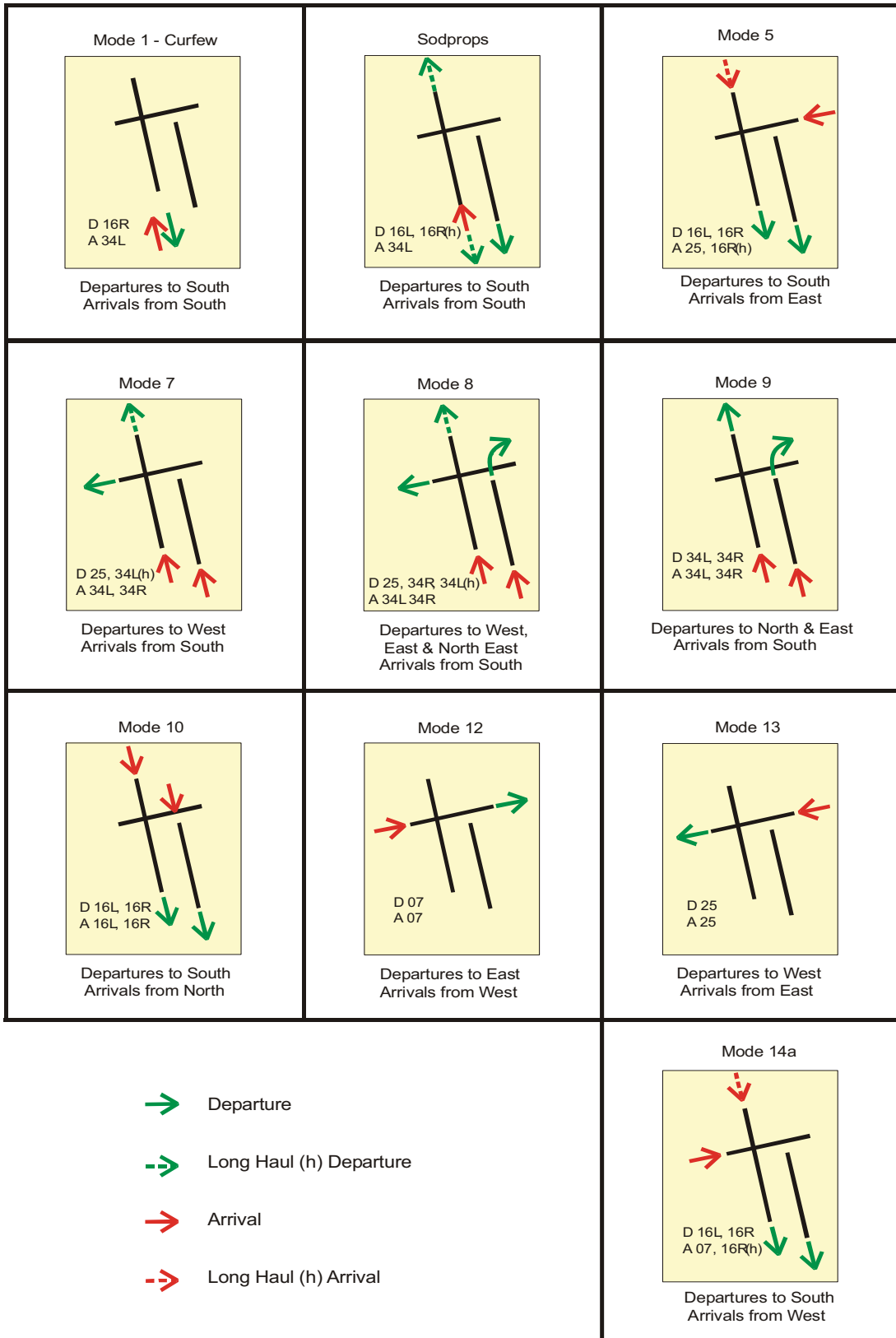
Movements over the North =16L(arr) + 16R(arr) + 34L(dep)

Movements over the South =16L(dep) + 16R(dep) + 34L(arr) + 34R(arr)

Movements over the East =07(dep) + 25(arr) + 34R(dep)

Movements over the West =07(arr) + 25(dep)

Runway Modes of Operation



Sydney Airport Preferred Runway Selection

Effective from 1 July 2010 (LOA 3181 V1)

Monday to Friday		
2300 to 0600	1.	Curfew – Departures 16R / Arrivals 34L (Mode 1)
0600 to 0700	1.	SODPROPS - Departures 16L / Arrivals 34L
	2.	Departures 16L&R / Arrivals 34L (Shoulder Curfew). If traffic permits.
	3.	Departures 34R, 25 & 34L / Arrivals 34L&R (Mode 8), or Departures 25 / Arrivals 34L&R (Mode 7), or Departures 16L&R / Arrivals 25 (Mode 5), or Departures 16L&R / Arrivals 07 (Mode 14A)
	4.	34 (Mode 9) or 16 (Mode 10)
	5.	07 (Mode 12) or 25 (Mode 13)
0700 to 2245	1.	SODPROPS - Departures 16L / Arrivals 34L
	2.	Departures 16L&R / Arrivals 07 (Mode 14A), or Departures 34R, 25 & 34L / Arrivals 34L&R (Mode 8), or Departures 25 / Arrivals 34L&R (Mode 7), or Departures 16L&R / Arrivals 25 (Mode 5)
	3.	34 (Mode 9) or 16 (Mode 10)
	4.	07 (Mode 12) or 25 (Mode 13)
2245 to 2300	1.	SODPROPS - Departures 16L (Mandatory) / Arrivals 34L
	2.	Departures 16L&R (Mandatory) / Arrivals 34L (Shoulder Curfew) unless there would be significant delays to either departing or arriving aircraft or traffic complexity requires a variation or weather conditions preclude the use of 34L.
	3.	Departures 16L&R / Arrivals 25 (Mode 5), or Departures 16L&R / Arrivals 07 (Mode 14A)
	4.	16 (Mode 10)

Rwy 34 and Rwy 16 Parallel Runway operations should only be considered for use if required for traffic management purposes during the following hours:

0700 to 1100 Monday to Saturday

0800 to 1100 Sunday

1500 to 2000 Sunday to Friday

In order to take advantage of suitable traffic dispositions, variations to these times will occur.

20 knot crosswind and 5 knot downwind criteria apply to all dry runway conditions

This is not an operational document. It has been prepared for information purposes only and is subject to change without notice.

Saturday and Sunday		
2300 to 0600	1.	Curfew – Departures 16R / Arrivals 34L (Mode 1)
0600 to 0700 Saturday	1.	SODPROPS - Departures 16L / Arrivals 34L
0600 to 0800 Sunday	2.	Departures 16L&R / Arrivals 34L (Shoulder Curfew). If traffic permits.
	3.	Departures 16L&R / Arrivals 25 (Mode 5), or Departures 16L&R / Arrivals 07 (Mode 14A), or Departures 34R, 25 & 34L / Arrivals 34L&R (Mode 8), or Departures 25 / Arrivals 34L&R (Mode 7)
	4.	34 (Mode 9) or 16 (Mode 10)
	5.	07 (Mode 12) or 25 (Mode 13)
0700 to 2200 Saturday	1.	SODPROPS - Departures 16L / Arrivals 34L
0800 to 2200 Sunday	2.	Departures 16L&R / Arrivals 07 (Mode 14A), or Departures 34R, 25 & 34L / Arrivals 34L&R (Mode 8), or Departures 25 / Arrivals 34L&R (Mode 7), or Departures 16L&R / Arrivals 25 (Mode 5)
	3.	34 (Mode 9) or 16 (Mode 10)
	4.	07 (Mode 12) or 25 (Mode 13)
2200 to 2245	1.	SODPROPS - Departures 16L (Mandatory) / Arrivals 34L
	2.	Departures 16L&R (Mandatory) / Arrivals 34L (Shoulder Curfew) unless there would be significant delays to either departing or arriving aircraft or traffic complexity requires a variation or weather conditions are not suitable.
	3.	Departures 16L&R / Arrivals 25 (Mode 5)
	4.	Departures 16L&R / Arrivals 07 (Mode 14A)
	5.	Departures 34R, 25 & 34L / Arrivals 34L&R (Mode 8)
	6.	Departures 25 / Arrivals 34L&R (Mode 7)
	7.	34 (Mode 9) or 16 (Mode 10)
	8.	07 (Mode 12) or 25 (Mode 13)
2245 to 2300	1.	SODPROPS - Departures 16L (Mandatory) / Arrivals 34L
	2.	Departures 16L&R (Mandatory) / Arrivals 34L (Shoulder Curfew) unless there would be significant delays to either departing or arriving aircraft or traffic complexity requires a variation or weather conditions preclude the use of 34L.
	3.	Departures 16L&R / Arrivals 25 (Mode 5), or Departures 16L&R / Arrivals 07 (Mode 14A)
	4.	16 (Mode 10)

Runway Movement Summary – All Aircraft

Date	Runway 07			Runway 16 Left			Runway 16 Right			Runway 25			Runway 34 Left			Runway 34 Right			Unknown Runway			Day
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	
01-Mar-11	47	0	47	48	60	108	78	136	214	0	68	68	145	79	224	117	86	203	0	0	0	864
02-Mar-11	1	0	1	81	56	137	111	143	254	0	14	14	154	100	254	81	119	200	0	0	0	860
03-Mar-11	85	0	85	64	85	149	108	229	337	33	48	81	101	44	145	61	49	110	0	0	0	907
04-Mar-11	5	1	6	65	62	127	111	132	243	0	18	18	188	114	302	95	133	228	0	0	0	924
05-Mar-11	125	0	125	85	101	186	149	235	384	0	0	0	0	0	0	0	0	0	0	0	0	695
06-Mar-11	99	0	99	85	138	223	143	254	397	0	0	0	51	9	60	0	0	0	0	0	0	779
07-Mar-11	2	0	2	0	55	55	0	2	2	0	0	0	307	186	493	139	202	341	0	0	0	893
08-Mar-11	3	0	3	0	12	12	0	9	9	1	0	1	281	179	460	146	225	371	0	0	0	856
09-Mar-11	2	0	2	0	14	14	0	7	7	0	81	81	271	160	431	161	180	341	0	0	0	876
10-Mar-11	0	1	1	49	88	137	62	120	182	54	0	54	199	118	317	86	127	213	0	0	0	904
11-Mar-11	48	0	48	158	135	293	206	299	505	7	0	7	28	11	39	10	12	22	0	0	0	914
12-Mar-11	2	0	2	26	46	72	115	95	210	0	12	12	158	83	241	60	104	164	0	0	0	701
13-Mar-11	1	0	1	3	49	52	13	11	24	0	1	1	273	164	437	75	164	239	0	0	0	754
14-Mar-11	2	0	2	144	120	264	206	259	465	0	1	1	62	30	92	32	38	70	0	0	0	894
15-Mar-11	33	0	33	146	124	270	247	303	550	0	0	0	4	0	4	0	0	0	0	0	0	857
16-Mar-11	28	0	28	93	92	185	153	211	364	0	1	1	99	53	152	56	74	130	0	0	0	860
17-Mar-11	41	0	41	174	135	309	232	316	548	0	2	2	8	0	8	0	0	0	0	0	0	908
18-Mar-11	1	1	2	202	143	345	233	311	544	16	1	17	3	0	3	0	0	0	0	0	0	911
19-Mar-11	1	0	1	135	108	243	218	224	442	0	0	0	1	0	1	0	0	0	0	0	0	687
20-Mar-11	99	0	99	103	117	220	181	282	463	0	0	0	0	0	0	0	0	0	0	0	0	782
21-Mar-11	0	1	1	0	0	0	1	1	2	0	0	0	257	193	450	183	251	434	0	0	0	887
22-Mar-11	3	0	3	0	46	46	0	14	14	15	11	26	288	186	474	133	180	313	0	0	0	876
23-Mar-11	1	0	1	0	23	23	1	8	9	0	90	90	285	148	433	136	161	297	0	0	0	853
24-Mar-11	0	0	0	0	0	0	3	9	12	1	92	93	275	159	434	178	191	369	0	0	0	908
25-Mar-11	0	0	0	102	117	219	162	291	453	144	19	163	41	7	48	9	21	30	0	0	0	913
26-Mar-11	0	0	0	119	99	218	192	241	433	47	0	47	0	0	0	0	0	0	0	0	0	698
27-Mar-11	9	0	9	103	117	220	189	275	464	71	1	72	1	0	1	0	0	0	0	0	0	766
28-Mar-11	166	1	167	57	104	161	97	246	343	0	1	1	74	39	113	49	54	103	0	0	0	888
29-Mar-11	2	0	2	0	0	0	0	8	8	0	23	23	279	182	461	161	225	386	0	0	0	880
30-Mar-11	2	0	2	0	47	47	0	9	9	2	19	21	292	187	479	131	174	305	0	0	0	863
31-Mar-11	103	0	103	150	132	282	194	316	510	0	0	0	4	0	4	0	0	0	0	0	0	899
Total	911	5	916	2192	2425	4617	3405	4996	8401	391	503	894	4129	2431	6560	2099	2770	4869	0	0	0	26257

Runway Movement Summary – Jet Aircraft Only

Date	Runway 07			Runway 16 Left			Runway 16 Right			Runway 25			Runway 34 Left			Runway 34 Right			Unknown Runway			Day
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	
01-Mar-11	39	0	39	32	43	75	64	104	168	0	47	47	130	52	182	59	71	130	0	0	0	641
02-Mar-11	0	0	0	39	40	79	99	108	207	0	12	12	119	64	183	58	94	152	0	0	0	633
03-Mar-11	67	0	67	42	59	101	87	178	265	23	35	58	86	30	116	34	40	74	0	0	0	681
04-Mar-11	4	0	4	40	47	87	96	98	194	0	15	15	146	71	217	56	110	166	0	0	0	683
05-Mar-11	111	0	111	46	79	125	127	194	321	0	0	0	0	0	0	0	0	0	0	0	0	557
06-Mar-11	81	0	81	57	104	161	116	197	313	0	0	0	46	8	54	0	0	0	0	0	0	609
07-Mar-11	0	0	0	0	47	47	0	1	1	0	0	0	248	112	360	85	171	256	0	0	0	664
08-Mar-11	0	0	0	0	12	12	0	6	6	1	0	1	227	110	337	92	187	279	0	0	0	635
09-Mar-11	0	0	0	0	14	14	0	5	5	0	56	56	227	99	326	90	151	241	0	0	0	642
10-Mar-11	0	0	0	35	73	108	46	93	139	49	0	49	156	70	226	49	102	151	0	0	0	673
11-Mar-11	28	0	28	82	96	178	185	217	402	6	0	6	26	11	37	9	12	21	0	0	0	672
12-Mar-11	0	0	0	14	37	51	93	78	171	0	11	11	138	60	198	37	90	127	0	0	0	558
13-Mar-11	1	0	1	0	41	41	9	7	16	0	0	0	227	111	338	55	141	196	0	0	0	592
14-Mar-11	0	0	0	87	88	175	173	204	377	0	0	0	55	11	66	17	31	48	0	0	0	666
15-Mar-11	28	0	28	78	86	164	209	229	438	0	0	0	4	0	4	0	0	0	0	0	0	634
16-Mar-11	26	0	26	53	66	119	122	159	281	0	0	0	85	32	117	27	60	87	0	0	0	630
17-Mar-11	30	0	30	95	96	191	205	237	442	0	1	1	5	0	5	0	0	0	0	0	0	669
18-Mar-11	0	0	0	112	105	217	208	227	435	13	0	13	2	0	2	0	0	0	0	0	0	667
19-Mar-11	0	0	0	89	85	174	192	187	379	0	0	0	0	0	0	0	0	0	0	0	0	553
20-Mar-11	71	0	71	69	85	154	164	223	387	0	0	0	0	0	0	0	0	0	0	0	0	612
21-Mar-11	0	0	0	0	0	0	0	1	1	0	0	0	214	120	334	115	211	326	0	0	0	661
22-Mar-11	0	0	0	0	41	41	0	12	12	14	11	25	229	111	340	78	147	225	0	0	0	643
23-Mar-11	0	0	0	0	21	21	1	6	7	0	68	68	216	88	304	90	127	217	0	0	0	617
24-Mar-11	0	0	0	0	0	0	0	7	7	1	72	73	226	95	321	111	158	269	0	0	0	670
25-Mar-11	0	0	0	68	80	148	125	222	347	112	14	126	29	4	33	5	18	23	0	0	0	677
26-Mar-11	0	0	0	84	76	160	162	203	365	38	0	38	0	0	0	0	0	0	0	0	0	563
27-Mar-11	3	0	3	78	86	164	151	219	370	68	0	68	0	0	0	0	0	0	0	0	0	605
28-Mar-11	120	0	120	40	76	116	75	193	268	0	0	0	66	18	84	27	43	70	0	0	0	658
29-Mar-11	0	0	0	0	0	0	0	6	6	0	18	18	236	119	355	96	183	279	0	0	0	658
30-Mar-11	1	0	1	0	43	43	0	7	7	1	19	20	219	113	332	92	141	233	0	0	0	636
31-Mar-11	78	0	78	91	91	182	163	242	405	0	0	0	3	0	3	0	0	0	0	0	0	668
Total	688	0	688	1331	1817	3148	2872	3870	6742	326	379	705	3365	1509	4874	1282	2288	3570	0	0	0	19727

Runway Movement Summary – Non Jet Aircraft Only ¹

Date	Runway 07			Runway 16 Left			Runway 16 Right			Runway 25			Runway 34 Left			Runway 34 Right			Unknown Runway			Day
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	
01-Mar-11	8	0	8	16	17	33	14	32	46	0	21	21	15	27	42	58	15	73	0	0	0	223
02-Mar-11	1	0	1	42	16	58	12	35	47	0	2	2	35	36	71	23	25	48	0	0	0	227
03-Mar-11	18	0	18	22	26	48	21	51	72	10	13	23	15	14	29	27	9	36	0	0	0	226
04-Mar-11	1	1	2	25	15	40	15	34	49	0	3	3	42	43	85	39	23	62	0	0	0	241
05-Mar-11	14	0	14	39	22	61	22	41	63	0	0	0	0	0	0	0	0	0	0	0	0	138
06-Mar-11	18	0	18	28	34	62	27	57	84	0	0	0	5	1	6	0	0	0	0	0	0	170
07-Mar-11	2	0	2	0	8	8	0	1	1	0	0	0	59	74	133	54	31	85	0	0	0	229
08-Mar-11	3	0	3	0	0	0	0	3	3	0	0	0	54	69	123	54	38	92	0	0	0	221
09-Mar-11	2	0	2	0	0	0	0	2	2	0	25	25	44	61	105	71	29	100	0	0	0	234
10-Mar-11	0	1	1	14	15	29	16	27	43	5	0	5	43	48	91	37	25	62	0	0	0	231
11-Mar-11	20	0	20	76	39	115	21	82	103	1	0	1	2	0	2	1	0	1	0	0	0	242
12-Mar-11	2	0	2	12	9	21	22	17	39	0	1	1	20	23	43	23	14	37	0	0	0	143
13-Mar-11	0	0	0	3	8	11	4	4	8	0	1	1	46	53	99	20	23	43	0	0	0	162
14-Mar-11	2	0	2	57	32	89	33	55	88	0	1	1	7	19	26	15	7	22	0	0	0	228
15-Mar-11	5	0	5	68	38	106	38	74	112	0	0	0	0	0	0	0	0	0	0	0	0	223
16-Mar-11	2	0	2	40	26	66	31	52	83	0	1	1	14	21	35	29	14	43	0	0	0	230
17-Mar-11	11	0	11	79	39	118	27	79	106	0	1	1	3	0	3	0	0	0	0	0	0	239
18-Mar-11	1	1	2	90	38	128	25	84	109	3	1	4	1	0	1	0	0	0	0	0	0	244
19-Mar-11	1	0	1	46	23	69	26	37	63	0	0	0	1	0	1	0	0	0	0	0	0	134
20-Mar-11	28	0	28	34	32	66	17	59	76	0	0	0	0	0	0	0	0	0	0	0	0	170
21-Mar-11	0	1	1	0	0	0	1	0	1	0	0	0	43	73	116	68	40	108	0	0	0	226
22-Mar-11	3	0	3	0	5	5	0	2	2	1	0	1	59	75	134	55	33	88	0	0	0	233
23-Mar-11	1	0	1	0	2	2	0	2	2	0	22	22	69	60	129	46	34	80	0	0	0	236
24-Mar-11	0	0	0	0	0	0	3	2	5	0	20	20	49	64	113	67	33	100	0	0	0	238
25-Mar-11	0	0	0	34	37	71	37	69	106	32	5	37	12	3	15	4	3	7	0	0	0	236
26-Mar-11	0	0	0	35	23	58	30	38	68	9	0	9	0	0	0	0	0	0	0	0	0	135
27-Mar-11	6	0	6	25	31	56	38	56	94	3	1	4	1	0	1	0	0	0	0	0	0	161
28-Mar-11	46	1	47	17	28	45	22	53	75	0	1	1	8	21	29	22	11	33	0	0	0	230
29-Mar-11	2	0	2	0	0	0	0	2	2	0	5	5	43	63	106	65	42	107	0	0	0	222
30-Mar-11	1	0	1	0	4	4	0	2	2	1	0	1	73	74	147	39	33	72	0	0	0	227
31-Mar-11	25	0	25	59	41	100	31	74	105	0	0	0	1	0	1	0	0	0	0	0	0	231
Total	223	5	228	861	608	1469	533	1126	1659	65	124	189	764	922	1686	817	482	1299	0	0	0	6530

(1) Includes miscellaneous General Aviation aircraft - refer Noise And Flight Path Monitoring System Sydney Quarterly Report for more detail

Hourly Runway Movement Summary – All Movements ¹

Date	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	Total
01-Mar-11	2	0	4	3	1	0	32	69	66	63	60	57	48	40	47	51	50	53	63	55	42	34	23	1	864
02-Mar-11	1	1	0	2	2	1	36	53	63	66	56	59	51	41	46	51	53	59	62	60	35	33	26	3	860
03-Mar-11	4	0	1	2	1	0	31	69	63	71	58	55	50	35	49	58	57	68	66	64	42	34	28	1	907
04-Mar-11	4	2	1	1	3	0	36	66	75	64	64	57	51	36	51	51	62	63	71	64	46	33	22	1	924
05-Mar-11	0	0	1	0	1	1	23	46	62	58	61	56	45	32	40	44	42	43	43	38	23	21	15	0	695
06-Mar-11	0	2	0	0	0	0	23	39	46	52	52	48	44	41	46	56	48	65	67	59	37	37	17	0	779
07-Mar-11	0	1	1	1	0	0	31	64	72	75	55	55	53	38	51	62	50	63	69	59	31	36	23	3	893
08-Mar-11	5	1	3	2	0	0	32	66	79	56	60	60	51	33	44	52	51	55	64	56	36	29	19	2	856
09-Mar-11	3	1	3	1	1	0	30	65	75	64	61	61	46	39	52	55	52	56	62	60	33	29	24	3	876
10-Mar-11	2	0	1	1	2	0	23	66	72	67	57	49	54	41	47	56	51	67	76	60	40	41	27	4	904
11-Mar-11	4	0	1	3	1	0	31	59	62	63	63	57	60	44	47	53	53	58	72	59	55	41	26	2	914
12-Mar-11	0	1	1	1	0	0	20	51	62	58	56	59	51	34	45	42	39	39	43	37	25	19	15	3	701
13-Mar-11	3	0	1	0	0	0	26	33	43	50	48	55	38	40	45	54	53	51	65	57	39	34	19	0	754
14-Mar-11	0	1	1	0	2	1	34	69	70	66	57	58	52	40	53	51	47	60	61	63	41	39	23	5	894
15-Mar-11	2	1	1	2	3	0	34	54	61	57	62	59	56	38	48	53	51	59	64	64	33	31	21	3	857
16-Mar-11	4	0	2	2	1	0	26	73	71	63	56	57	43	36	49	50	51	53	62	62	43	30	20	6	860
17-Mar-11	4	0	2	4	1	2	28	56	58	60	64	60	58	43	46	60	57	59	66	66	42	39	30	3	908
18-Mar-11	5	1	1	1	3	0	36	54	58	61	60	62	63	38	51	58	54	56	64	60	51	50	22	2	911
19-Mar-11	0	1	0	1	1	0	22	42	58	65	55	57	52	33	42	43	42	43	42	31	24	20	13	0	687
20-Mar-11	0	1	0	0	0	0	21	34	46	49	49	51	48	34	47	58	54	58	59	56	48	40	29	0	782
21-Mar-11	0	0	0	0	0	0	36	61	69	72	53	65	51	41	47	59	47	56	60	63	44	37	23	3	887
22-Mar-11	4	1	0	2	2	0	26	55	70	71	62	57	55	40	51	55	46	64	69	58	32	31	23	2	876
23-Mar-11	6	0	3	1	1	1	30	69	67	63	52	56	48	39	48	55	45	57	62	60	37	26	22	5	853
24-Mar-11	5	1	2	3	1	1	30	69	72	71	51	55	50	41	51	59	53	59	66	64	40	30	30	4	908
25-Mar-11	2	1	3	1	1	0	33	62	74	73	54	62	55	37	45	54	65	63	70	60	42	37	17	2	913
26-Mar-11	1	0	0	0	0	0	28	45	65	61	57	54	40	38	42	37	46	44	46	36	25	18	15	0	698
27-Mar-11	0	1	0	0	1	1	22	39	42	52	43	51	45	34	50	57	45	64	72	51	40	30	25	1	766
28-Mar-11	1	0	0	1	0	1	34	64	65	73	60	57	55	35	50	62	47	55	69	56	45	35	20	3	888
29-Mar-11	1	4	1	1	1	2	36	55	67	73	56	66	48	31	50	51	51	65	72	53	35	35	22	4	880
30-Mar-11	6	0	2	0	2	1	33	61	70	67	52	54	46	35	44	46	60	51	64	68	39	29	29	4	863
31-Mar-11	3	0	0	2	1	0	33	61	63	68	57	62	45	45	53	52	52	62	70	59	44	38	24	5	899
Total	72	22	36	38	33	12	916	1769	1986	1972	1751	1771	1552	1172	1477	1645	1574	1768	1961	1758	1189	1016	692	75	26257
Avg.	2.32	0.71	1.16	1.23	1.06	0.39	29.55	57.06	64.06	63.61	56.48	57.13	50.06	37.81	47.65	53.06	50.77	57.03	63.26	56.71	38.35	32.77	22.32	2.42	847.00

(1) The data in the table above includes all movements at Sydney Airport (excluding helicopters) which may include operations that are exempt for other reports provided by Airservices under specific legislation.

Hourly Runway Movement Summary – Arrivals ¹

Date	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	Total
01-Mar-11	0	0	3	1	0	0	13	42	40	27	33	25	20	20	24	22	26	26	29	29	24	21	9	1	435
02-Mar-11	0	1	0	1	1	0	15	29	34	35	29	30	20	17	25	22	27	28	33	26	23	22	8	2	428
03-Mar-11	1	0	1	1	0	0	12	40	38	31	30	28	18	17	26	29	26	34	36	25	25	22	11	1	452
04-Mar-11	2	0	1	0	2	0	16	35	41	31	32	28	20	19	30	25	25	33	38	30	28	15	12	1	464
05-Mar-11	0	0	0	0	1	1	12	29	31	28	31	26	17	16	24	21	24	23	23	18	16	12	6	0	359
06-Mar-11	0	1	0	0	0	0	12	23	20	22	23	20	16	20	23	24	26	38	31	29	22	21	7	0	378
07-Mar-11	0	1	1	0	0	0	14	36	43	30	29	27	20	20	29	26	26	33	36	23	20	23	8	3	448
08-Mar-11	0	1	2	1	0	0	13	40	45	23	35	31	18	15	26	21	33	24	30	25	24	17	6	1	431
09-Mar-11	1	0	2	1	0	0	11	39	40	32	27	29	19	20	28	21	27	27	33	26	23	17	9	2	434
10-Mar-11	0	0	1	0	1	0	7	40	39	31	26	22	27	19	28	24	28	33	35	27	24	24	12	2	450
11-Mar-11	2	0	0	2	0	0	13	31	32	32	31	30	25	21	24	23	25	33	33	34	29	26	10	1	457
12-Mar-11	0	1	1	0	0	0	10	35	32	24	26	28	20	19	26	17	20	27	19	21	13	14	7	1	361
13-Mar-11	0	0	1	0	0	0	16	19	18	24	25	18	15	18	26	23	28	24	31	31	20	21	7	0	365
14-Mar-11	0	0	1	0	0	0	17	41	35	30	30	29	21	21	27	21	22	29	31	32	26	21	9	3	446
15-Mar-11	0	0	1	1	1	0	13	31	34	27	35	26	25	19	22	26	28	30	32	29	19	19	10	2	430
16-Mar-11	1	0	1	1	0	0	11	45	35	26	31	24	20	19	25	21	29	27	31	29	23	17	9	4	429
17-Mar-11	0	0	2	2	0	2	9	30	32	30	32	30	28	18	26	27	27	29	32	32	25	26	14	2	455
18-Mar-11	0	0	1	1	1	0	15	27	31	30	29	30	29	21	22	29	27	30	31	32	30	30	9	0	455
19-Mar-11	0	1	0	1	1	0	10	27	31	29	27	25	21	21	21	22	23	24	22	16	16	11	6	0	355
20-Mar-11	0	1	0	0	0	0	12	21	23	21	20	19	18	18	22	25	28	27	32	28	28	25	15	0	383
21-Mar-11	0	0	0	0	0	0	14	36	36	30	28	32	18	22	26	25	23	30	31	33	26	21	8	2	441
22-Mar-11	1	1	0	1	1	0	13	30	41	32	31	29	22	22	25	22	26	31	35	26	20	18	10	2	439
23-Mar-11	2	0	1	1	0	1	12	43	37	24	24	28	20	21	27	20	24	30	35	26	18	16	10	3	423
24-Mar-11	2	1	1	1	0	1	12	41	39	33	24	25	24	22	28	22	30	31	35	30	21	17	14	3	457
25-Mar-11	0	1	1	1	0	0	15	32	45	32	28	32	20	20	22	26	31	33	35	27	27	20	9	1	458
26-Mar-11	1	0	0	0	0	0	15	30	33	26	24	25	17	25	19	19	24	27	22	19	15	10	7	0	358
27-Mar-11	0	1	0	0	1	0	11	24	20	21	21	19	14	19	27	22	23	36	35	25	21	20	12	1	373
28-Mar-11	0	0	0	0	0	1	12	38	38	35	30	25	21	21	25	24	25	28	37	27	25	19	11	1	443
29-Mar-11	1	1	1	0	1	1	15	32	35	35	34	31	18	20	23	20	29	33	32	23	22	22	10	3	442
30-Mar-11	2	0	1	0	1	1	11	38	38	29	27	23	21	21	19	21	28	26	34	30	22	17	15	2	427
31-Mar-11	0	0	0	2	0	0	14	34	33	34	30	32	17	22	28	19	28	35	33	29	25	21	12	3	451
Total	16	12	24	19	12	8	395	1038	1069	894	882	826	629	613	773	709	816	919	982	837	700	605	302	47	13127
Avg.	0.52	0.39	0.77	0.61	0.39	0.26	12.74	33.48	34.48	28.84	28.45	26.65	20.29	19.77	24.94	22.87	26.32	29.65	31.68	27.00	22.58	19.52	9.74	1.52	423.45

(1) The data in the table above includes all movements at Sydney Airport (excluding helicopters) which may include operations that are exempt for other reports provided by Airservices under specific legislation.

Hourly Runway Movement Summary – Departures ¹

Date	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	Total
01-Mar-11	2	0	1	2	1	0	19	27	26	36	27	32	28	20	23	29	24	27	34	26	18	13	14	0	429
02-Mar-11	1	0	0	1	1	1	21	24	29	31	27	29	31	24	21	29	26	31	29	34	12	11	18	1	432
03-Mar-11	3	0	0	1	1	0	19	29	25	40	28	27	32	18	23	29	31	34	30	39	17	12	17	0	455
04-Mar-11	2	2	0	1	1	0	20	31	34	33	32	29	31	17	21	26	37	30	33	34	18	18	10	0	460
05-Mar-11	0	0	1	0	0	0	11	17	31	30	30	30	28	16	16	23	18	20	20	20	7	9	9	0	336
06-Mar-11	0	1	0	0	0	0	11	16	26	30	29	28	28	21	23	32	22	27	36	30	15	16	10	0	401
07-Mar-11	0	0	0	1	0	0	17	28	29	45	26	28	33	18	22	36	24	30	33	36	11	13	15	0	445
08-Mar-11	5	0	1	1	0	0	19	26	34	33	25	29	33	18	18	31	18	31	34	31	12	12	13	1	425
09-Mar-11	2	1	1	0	1	0	19	26	35	32	34	32	27	19	24	34	25	29	29	34	10	12	15	1	442
10-Mar-11	2	0	0	1	1	0	16	26	33	36	31	27	27	22	19	32	23	34	41	33	16	17	15	2	454
11-Mar-11	2	0	1	1	1	0	18	28	30	31	32	27	35	23	23	30	28	25	39	25	26	15	16	1	457
12-Mar-11	0	0	0	1	0	0	10	16	30	34	30	31	31	15	19	25	19	12	24	16	12	5	8	2	340
13-Mar-11	3	0	0	0	0	0	10	14	25	26	23	37	23	22	19	31	25	27	34	26	19	13	12	0	389
14-Mar-11	0	1	0	0	2	1	17	28	35	36	27	29	31	19	26	30	25	31	30	31	15	18	14	2	448
15-Mar-11	2	1	0	1	2	0	21	23	27	30	27	33	31	19	26	27	23	29	32	35	14	12	11	1	427
16-Mar-11	3	0	1	1	1	0	15	28	36	37	25	33	23	17	24	29	22	26	31	33	20	13	11	2	431
17-Mar-11	4	0	0	2	1	0	19	26	26	30	32	30	30	25	20	33	30	30	34	34	17	13	16	1	453
18-Mar-11	5	1	0	0	2	0	21	27	27	31	31	32	34	17	29	29	27	26	33	28	21	20	13	2	456
19-Mar-11	0	0	0	0	0	0	12	15	27	36	28	32	31	12	21	21	19	19	20	15	8	9	7	0	332
20-Mar-11	0	0	0	0	0	0	9	13	23	28	29	32	30	16	25	33	26	31	27	28	20	15	14	0	399
21-Mar-11	0	0	0	0	0	0	22	25	33	42	25	33	33	19	21	34	24	26	29	30	18	16	15	1	446
22-Mar-11	3	0	0	1	1	0	13	25	29	39	31	28	33	18	26	33	20	33	34	32	12	13	13	0	437
23-Mar-11	4	0	2	0	1	0	18	26	30	39	28	28	28	18	21	35	21	27	27	34	19	10	12	2	430
24-Mar-11	3	0	1	2	1	0	18	28	33	38	27	30	26	19	23	37	23	28	31	34	19	13	16	1	451
25-Mar-11	2	0	2	0	1	0	18	30	29	41	26	30	35	17	23	28	34	30	35	33	15	17	8	1	455
26-Mar-11	0	0	0	0	0	0	13	15	32	35	33	29	23	13	23	18	22	17	24	17	10	8	8	0	340
27-Mar-11	0	0	0	0	0	1	11	15	22	31	22	32	31	15	23	35	22	28	37	26	19	10	13	0	393
28-Mar-11	1	0	0	1	0	0	22	26	27	38	30	32	34	14	25	38	22	27	32	29	20	16	9	2	445
29-Mar-11	0	3	0	1	0	1	21	23	32	38	22	35	30	11	27	31	22	32	40	30	13	13	12	1	438
30-Mar-11	4	0	1	0	1	0	22	23	32	38	25	31	25	14	25	25	32	25	30	38	17	12	14	2	436
31-Mar-11	3	0	0	0	1	0	19	27	30	34	27	30	28	23	25	33	24	27	37	30	19	17	12	2	448
Total	56	10	12	19	21	4	521	731	917	1078	869	945	923	559	704	936	758	849	979	921	489	411	390	28	13130
Avg.	1.81	0.32	0.39	0.61	0.68	0.13	16.81	23.58	29.58	34.77	28.03	30.48	29.77	18.03	22.71	30.19	24.45	27.39	31.58	29.71	15.77	13.26	12.58	0.90	423.55

(1) The data in the table above includes all movements at Sydney Airport (excluding helicopters) which may include operations that are exempt for other reports provided by Airservices under specific legislation.

Mode Utilisation Summary (Total Hours by Day) ¹

Date	Curfew	16/34	Sod props	Mode 5 16/25	Mode 7 25/34	Mode 8 25/34	Mode 9 34	Mode 10 16	Mode 12 07	Mode 13 25	Mode14a 16/07	Mode 15 34R/34L	Other
01-Mar-11	07:00	00:12	00:37	-	03:31	-	05:20	04:32	-	-	02:44	-	-
02-Mar-11	07:00	00:20	-	-	01:24	-	08:11	07:02	-	-	-	-	-
03-Mar-11	07:00	00:20	-	01:47	01:58	-	03:12	05:49	-	-	03:50	-	-
04-Mar-11	07:00	00:19	00:46	-	00:53	-	08:21	06:27	-	-	00:11	-	-
05-Mar-11	07:00	-	-	-	-	-	-	09:22	-	-	07:37	-	-
06-Mar-11	07:00	00:40	02:17	-	-	-	-	08:27	-	-	05:32	-	-
07-Mar-11	07:00	00:22	03:33	-	-	-	13:03	-	-	-	-	-	-
08-Mar-11	07:00	00:22	00:51	-	-	-	15:45	-	-	-	-	-	-
09-Mar-11	07:00	00:22	00:52	-	04:29	-	11:15	-	-	-	-	-	-
10-Mar-11	07:00	00:16	02:28	02:44	-	-	08:15	03:14	-	-	-	-	-
11-Mar-11	07:00	00:27	-	00:37	-	-	01:26	12:18	-	-	02:09	-	-
12-Mar-11	07:00	00:30	-	-	01:00	-	09:00	06:27	-	-	-	-	-
13-Mar-11	07:00	00:23	02:54	-	-	-	12:53	00:48	-	-	-	-	-
14-Mar-11	07:00	-	00:52	-	-	-	02:06	14:01	-	-	-	-	-
15-Mar-11	07:00	-	-	-	-	-	-	14:32	-	-	02:27	-	-
16-Mar-11	07:00	00:22	00:54	-	-	-	04:03	09:45	-	-	01:53	-	-
17-Mar-11	07:00	-	-	-	-	-	-	14:36	-	-	02:23	-	-
18-Mar-11	07:00	00:18	-	01:23	-	-	-	15:17	-	-	-	-	-
19-Mar-11	07:00	00:33	-	-	-	-	-	16:25	-	-	-	-	-
20-Mar-11	07:00	00:15	-	-	-	-	-	11:38	-	-	05:05	-	-
21-Mar-11	07:00	00:25	-	-	-	-	16:33	-	-	-	-	-	-
22-Mar-11	07:00	00:18	02:53	00:48	00:56	-	12:02	-	-	-	-	-	-
23-Mar-11	07:00	00:21	01:21	-	05:35	-	09:41	-	-	-	-	-	-
24-Mar-11	07:00	00:21	-	-	05:32	-	11:05	-	-	-	-	-	-
25-Mar-11	07:00	00:21	-	06:46	00:56	-	00:59	07:55	-	-	-	-	-
26-Mar-11	07:00	00:15	-	03:44	-	-	-	12:58	-	-	-	-	-
27-Mar-11	07:00	00:16	-	04:16	-	-	-	12:03	-	-	00:22	-	-
28-Mar-11	07:00	00:17	00:49	-	-	-	03:03	05:08	-	-	07:39	-	-
29-Mar-11	07:00	00:24	-	-	01:01	-	15:33	-	-	-	-	-	-
30-Mar-11	07:00	00:19	02:50	-	01:59	-	11:49	-	-	-	-	-	-
31-Mar-11	07:00	00:25	-	-	-	-	-	11:35	-	-	04:58	-	-
Total	217:00	10:09	24:02	22:09	29:19	00:00	183:48	210:30	00:00	00:00	46:55	00:00	00:00
% Used		1.93%	4.56%	4.20%	5.57%	0.00%	34.88%	39.95%	0.00%	0.00%	8.90%	0.00%	0.00%

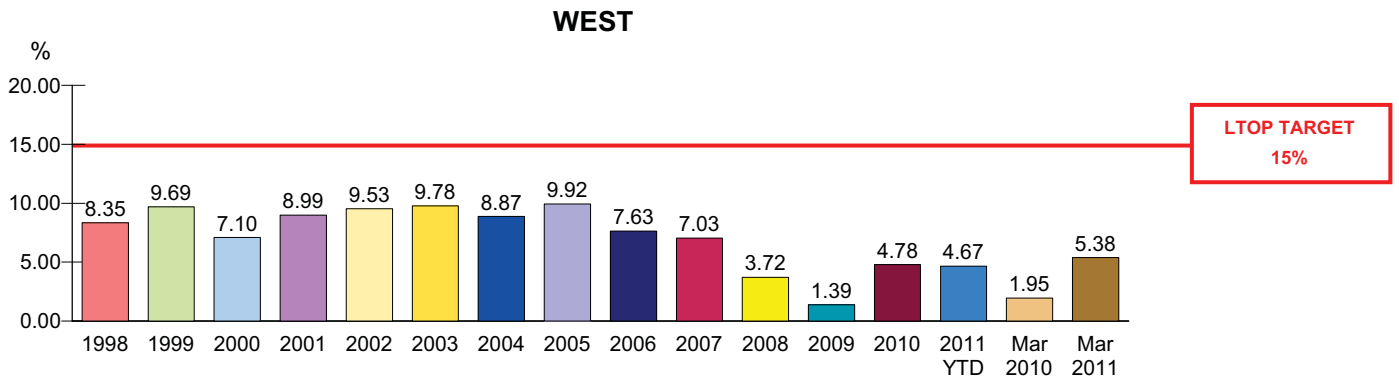
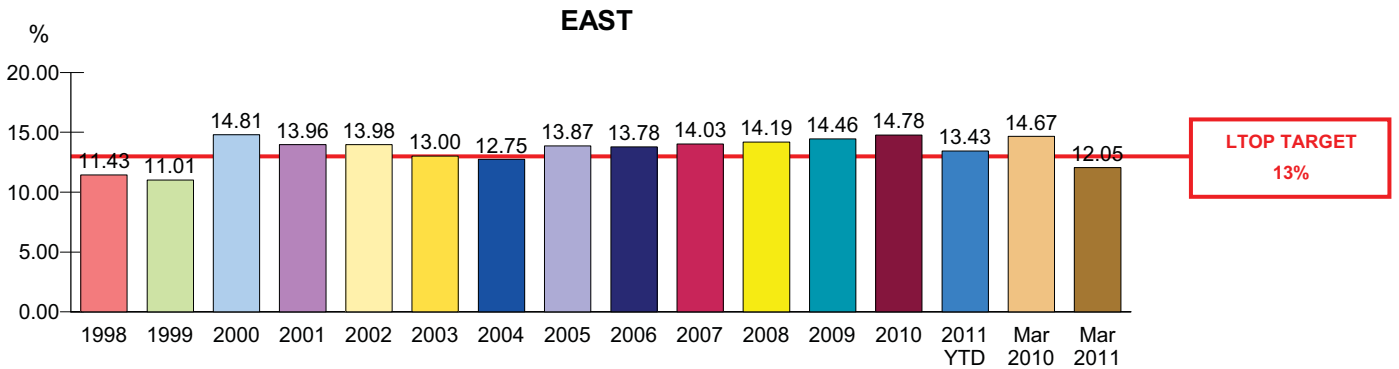
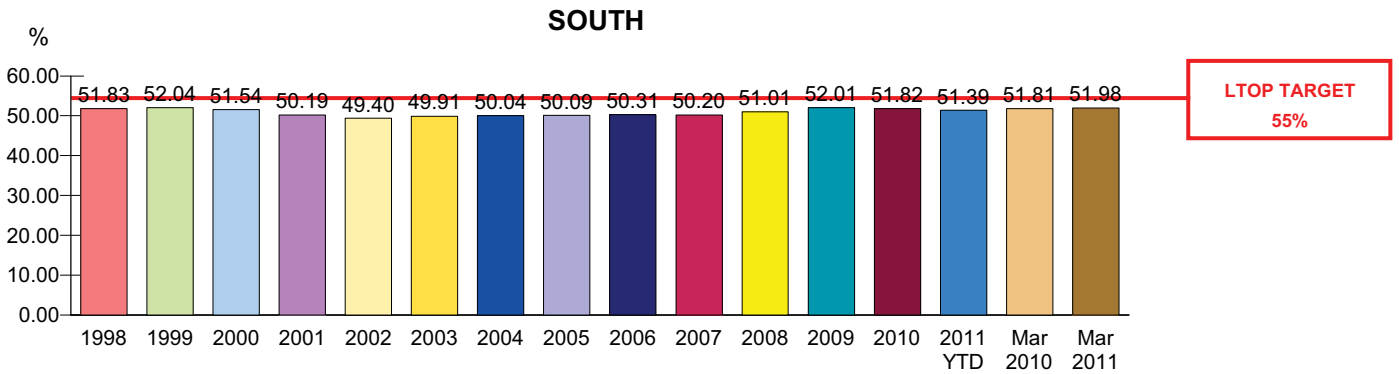
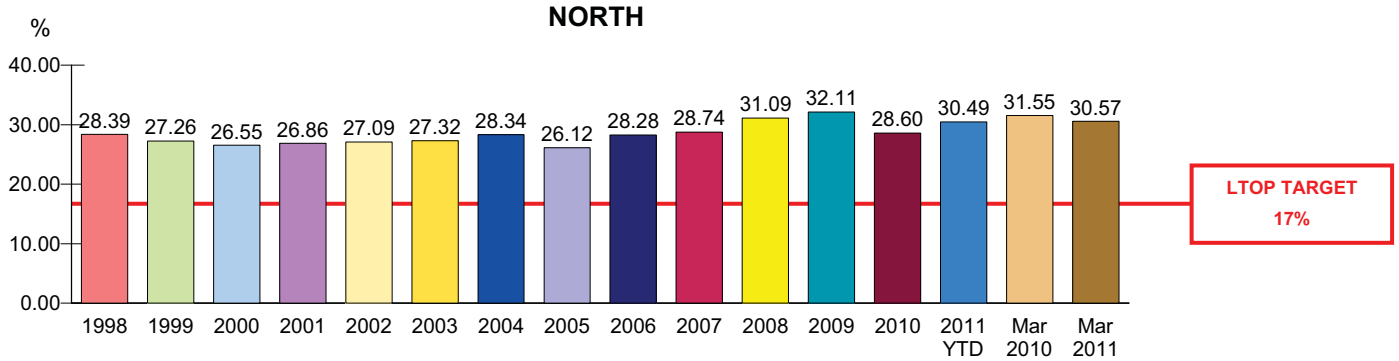
(1) Mode 15 was introduced during RESA works (commenced October 2008) and ceased being used at the completion of RESA (April 2010).

Cumulative Mode Utilisation from 1 January 2011

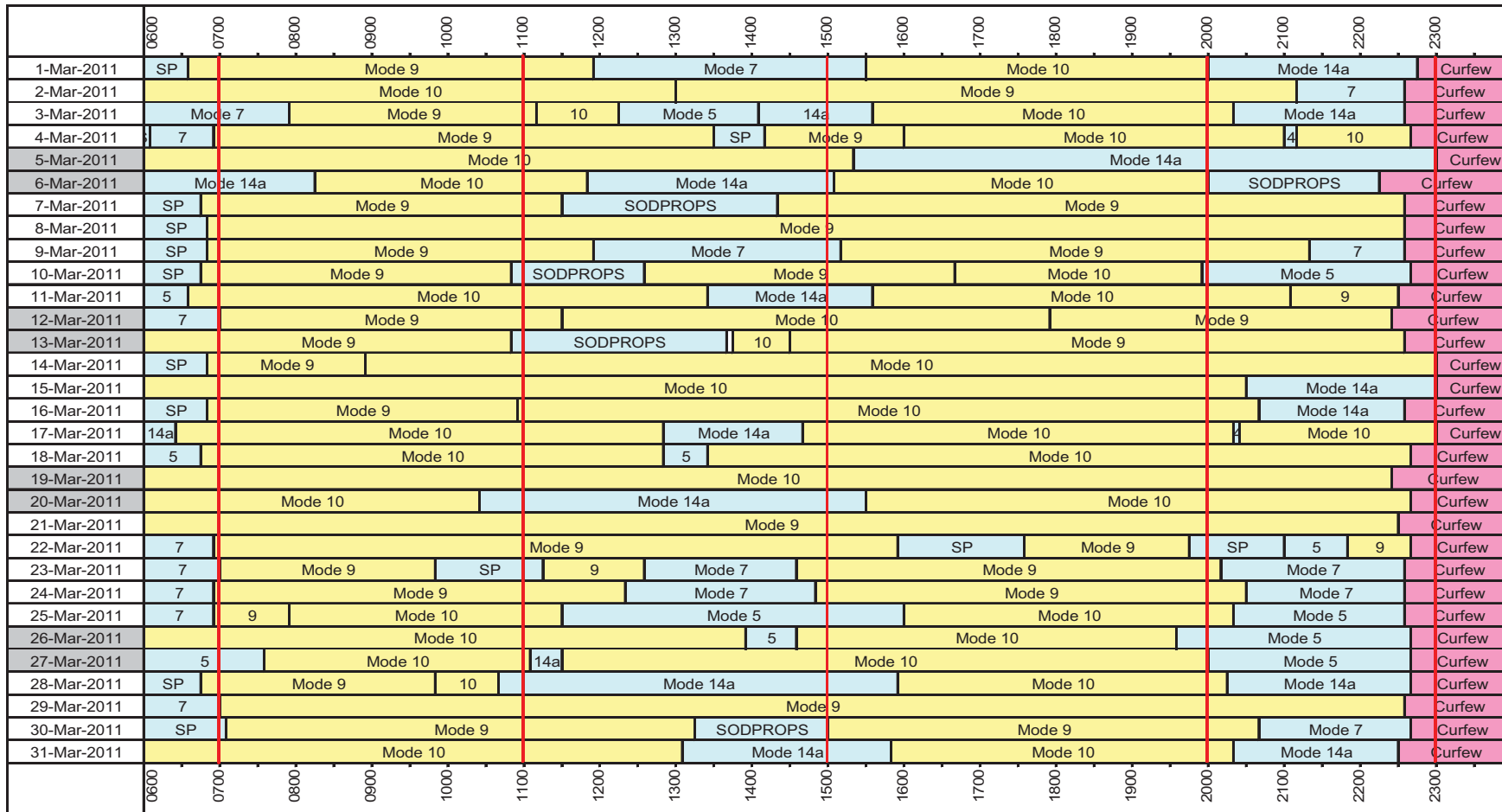
Time	2.08%	3.02%	4.35%	2.33%	0.00%	41.68%	36.94%	0.04%	0.00%	9.56%	0.00%	0.00%
Movements	0.38%	2.32%	3.17%	1.75%	0.00%	44.09%	40.40%	0.04%	0.00%	7.86%	0.00%	0.00%

Runway End Impact to 31 March 2011

Includes comparisons with annual figures for 1998 to 2010, 2011 Year to Date, current month this year and corresponding month last year.



Sydney Airport - Daily Mode Usage



Weekend

Curfew Mode CURFEW: Dep 16R Arr 34L

Parallel Modes M9: Dep 34L+R Arr 34L+R M10: Dep 16L+R Arr 16L+R

Crossing Modes SODPROPS (or SP): Dep 16L Arr 34L M5: Dep 16L+R Arr 25 M7: Dep 25 Arr 34L+R M8: Dep 25 34R Arr 34L+R M12: Dep 07 Arr 07 M13: Dep 25 Arr 25

M14A: Dep 16L+R Arr 07

Precision Runway Monitor (PRM) Operations

In June 2002 at Sydney Airport, Airservices Australia commenced operation of the Precision Runway Monitor (PRM), a highly accurate radar system, to monitor landing operations arriving from the North. PRM landings from the South have been operating since 1999. The PRM supplements the existing Instrument Landing System (ILS), and is only used by Air Traffic Control during poor weather conditions thereby reducing air traffic delays due to weather.

The PRM operation involves two changes in procedure for arrivals from the North (Runway 16)

- Aircraft make their final turn to line up with the runways about 5-10km further north of the airport than during ILS operation.
- Within this extended area aircraft may fly at a fixed altitude of 3000ft (under ILS operation 3000-4000ft).

Airservices Australia conducted a 6 month Noise Monitoring Program from June 2002 until December 2002, which included regular reporting to Environment Australia (the Commonwealth Environmental Department at that time) and the community, to meet the requirements of the then Minister for the Environment and Heritage.

Portable Noise Monitors, which were installed in suburbs affected by PRM changes, have since been removed with the cessation of the Noise Monitoring Program.

Nevertheless Airservices Australia Noise Enquiry Service continues to collect daily statistical data relating to PRM operations on Runway 16 and associated issues. Below is a summary of data collected for **March 2011**.

Days on which Runway 16 PRM was used and hours of usage (ATIS time)

Date	PRM		Hours of PRM operation
	Start Time	End Time	
NIL			

Number of Runway 16 arrivals during PRM operations and their runway assignment

Date	Number of arrivals on Runway 16 during PRM	Runway assignment	
		16L	16R
NIL			

Complaints and complainants by suburb, specifically mentioning PRM operations

Suburb	Number of complaints	Number of complainants
NIL		

Noise Enquiry Service

The Noise Enquiry Service is a function of Airservices Australia located at Sydney Airport. For more information visit the website at:

www.airservicesaustralia.com

The practices of the Service comply with the requirements of:

The Privacy Act 1988 (Commonwealth)

www.privacy.gov.au

The Telecommunications Act 1997 (Commonwealth)

www.acma.gov.au

The responsibilities of the Service include the recording of complaints, comments and enquiries regarding aircraft operations and noise for flights within Australia.

The Service is available **from 9 am to 5 pm, Monday to Friday** Australian Eastern Standard Time / Eastern Daylight Saving Time. Outside of these hours Voice Mail is used to record these calls. The Service can be contacted by:

telephone	1-800-802-584
facsimile	(02) 9556-6641
e-mail	neu@airservicesaustralia.com

In addition complaints can be lodged via the internet at:

www.airservicesaustralia.com/ncm

Complaints received are entered directly into a computer database. Any personal information collected is protected and will not be passed onto any unrelated parties. Statistical information generated from the computer database is produced for this Report, and is also made available to the Sydney Airport Community Forum (SACF). For more information visit the website at:

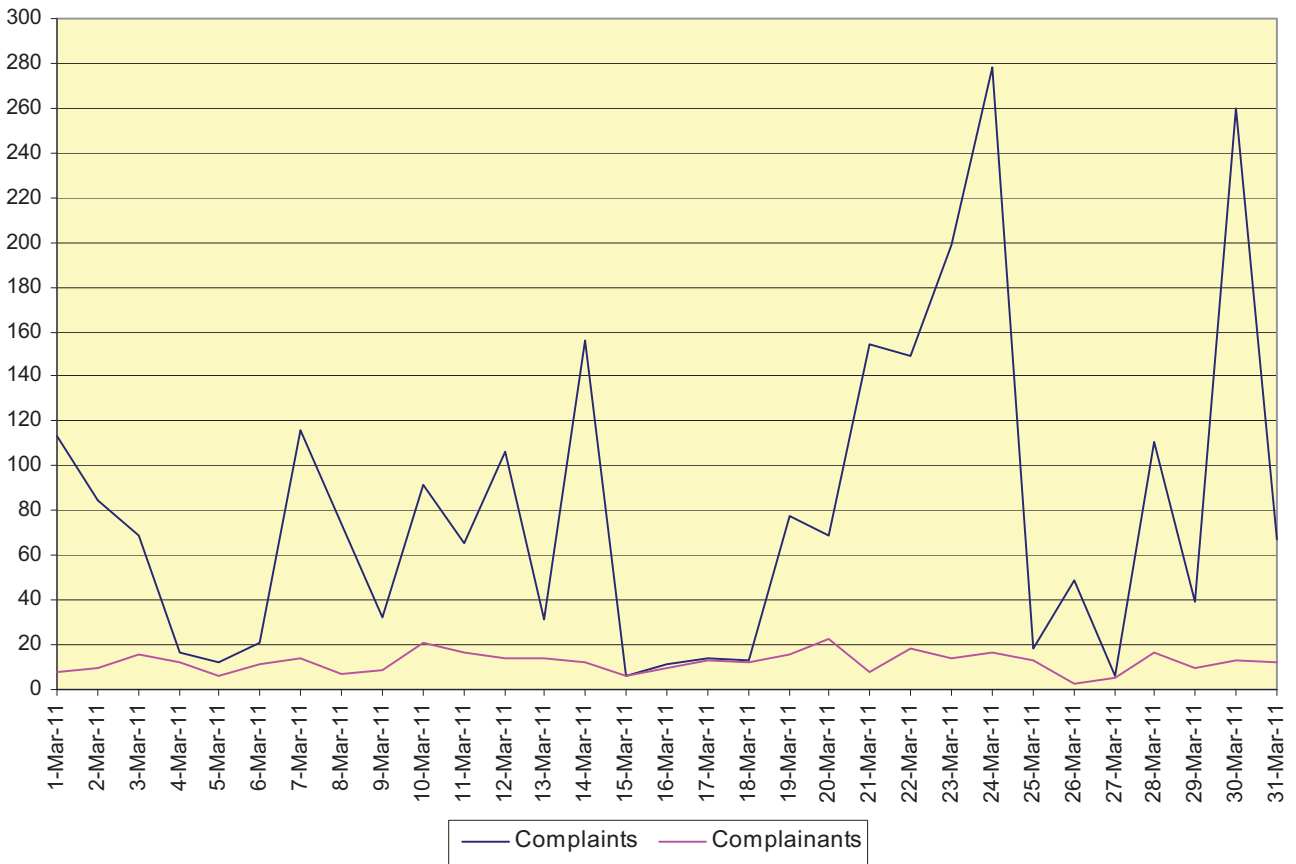
www.sacf.infrastructure.gov.au

Summary of Section Activity – March 2011

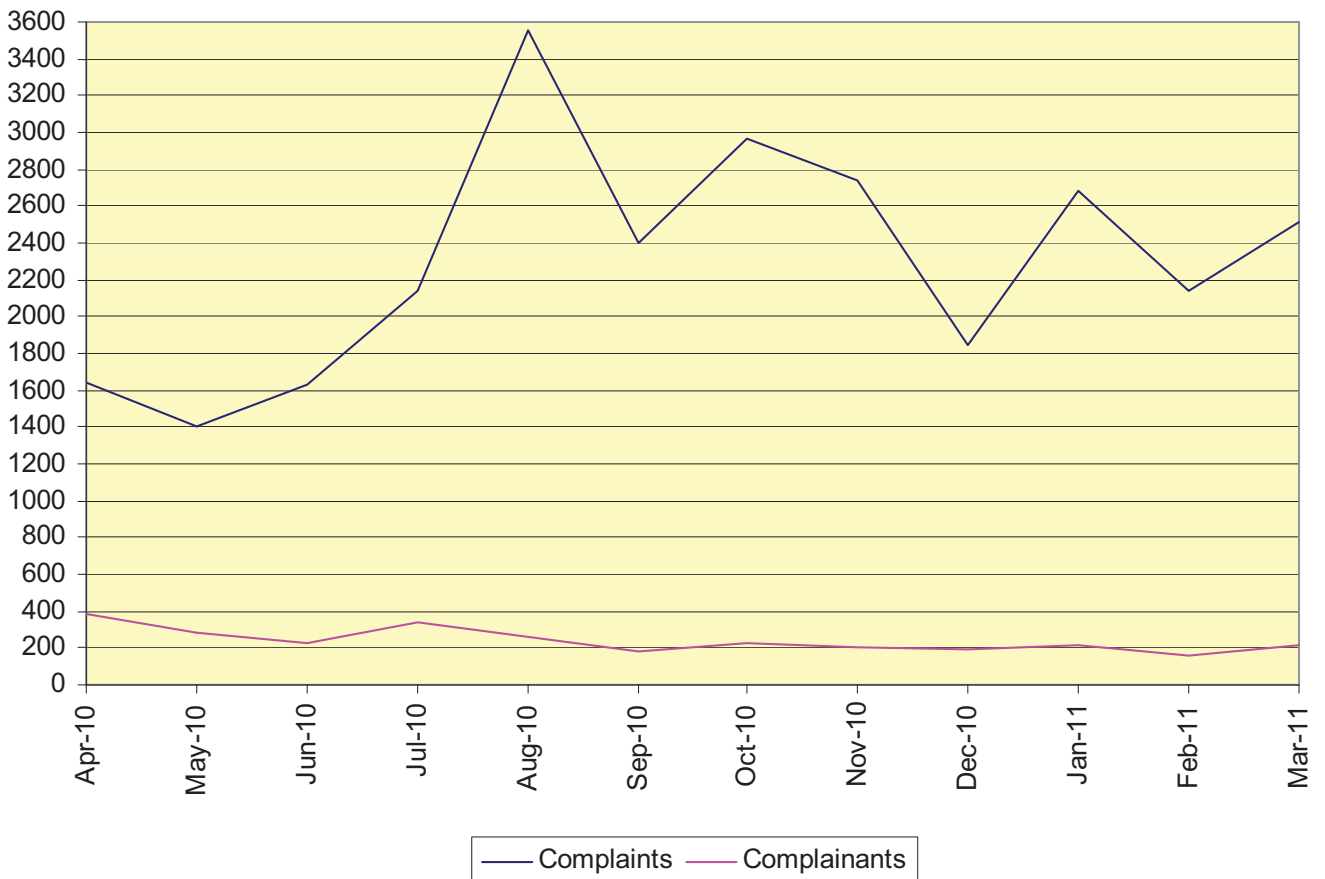
➤ Sydney Suburbs Complaints	
• By phone.....	341
• By correspondence.....	19
• By internet.....	638
• By e-mail.....	14
• By WebTrak.....	1498
➤ Sydney Suburbs Complaints – suburb not specified.....	5
➤ Sydney Suburbs Comments and Enquiries.....	47
➤ Other than Sydney Suburbs or Sydney Airport (NSW Only) Complaints.....	107
➤ Other than Sydney Suburbs or Sydney Airport (NSW Only) Comments and Enquiries.....	12
➤ Callback / Information Requests (NSW Only).....	4053

Complaints Graphs

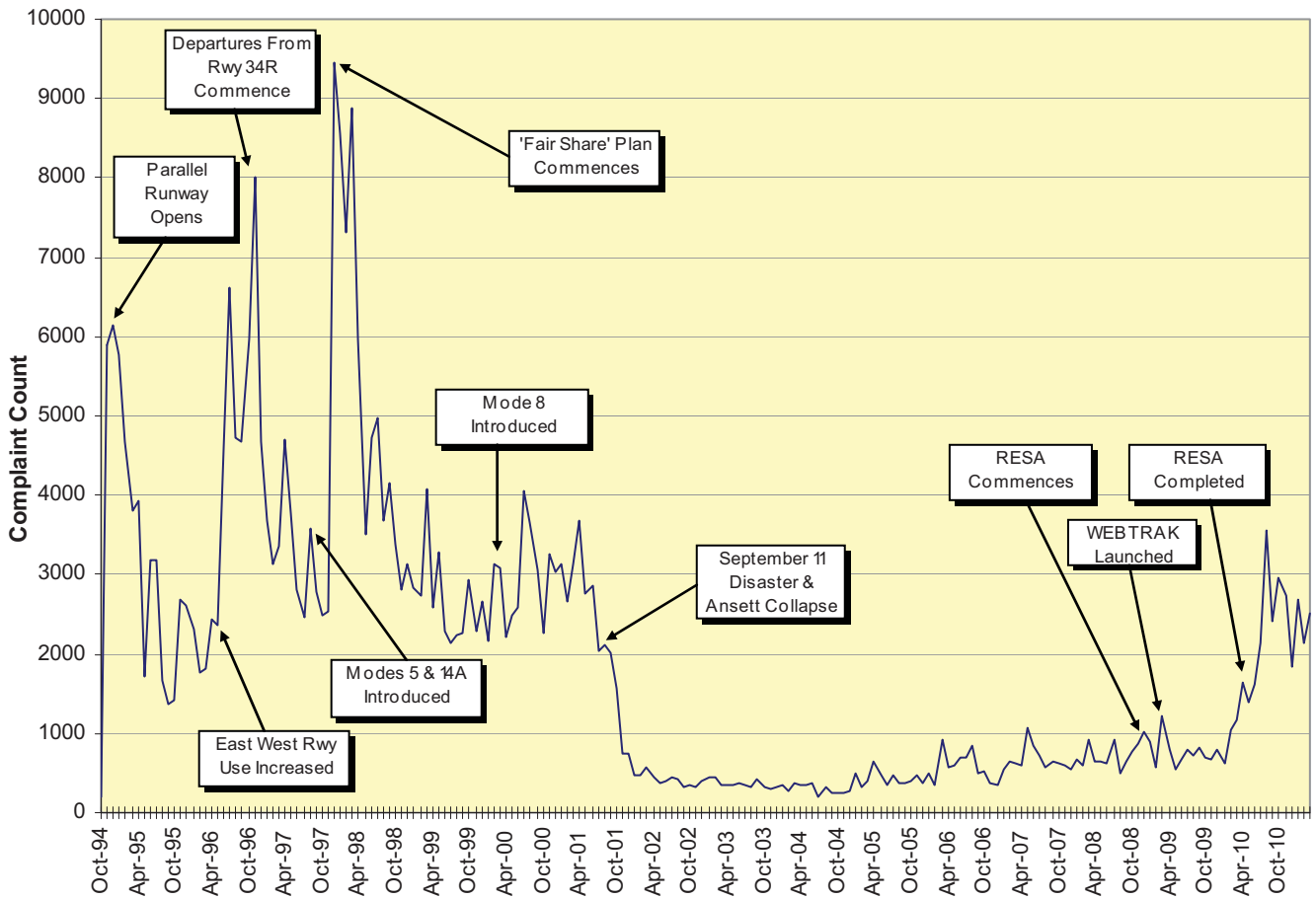
Complaints vs Complainants – 1 March to 31 March 2011



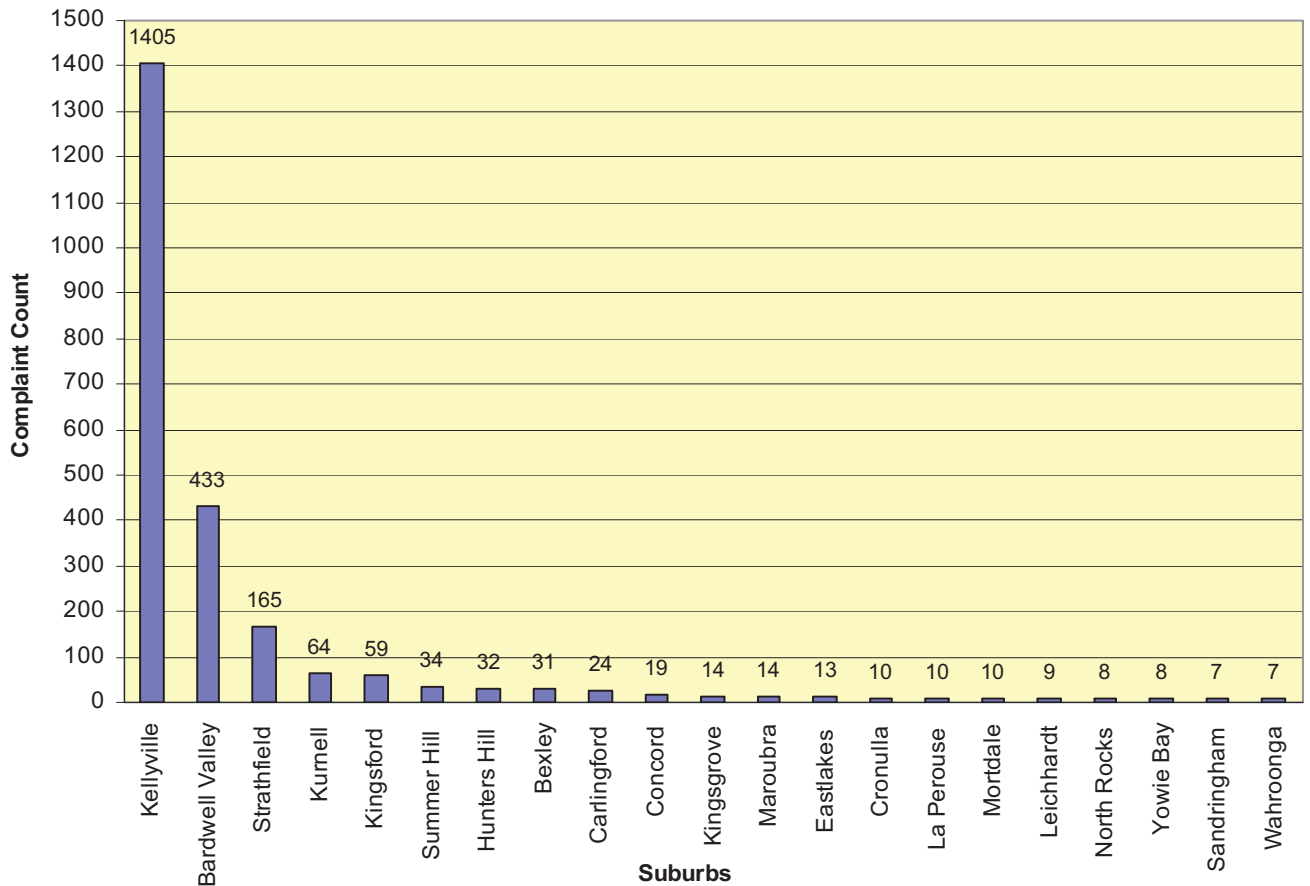
Complaints vs Complainants – Monthly



Complaints History

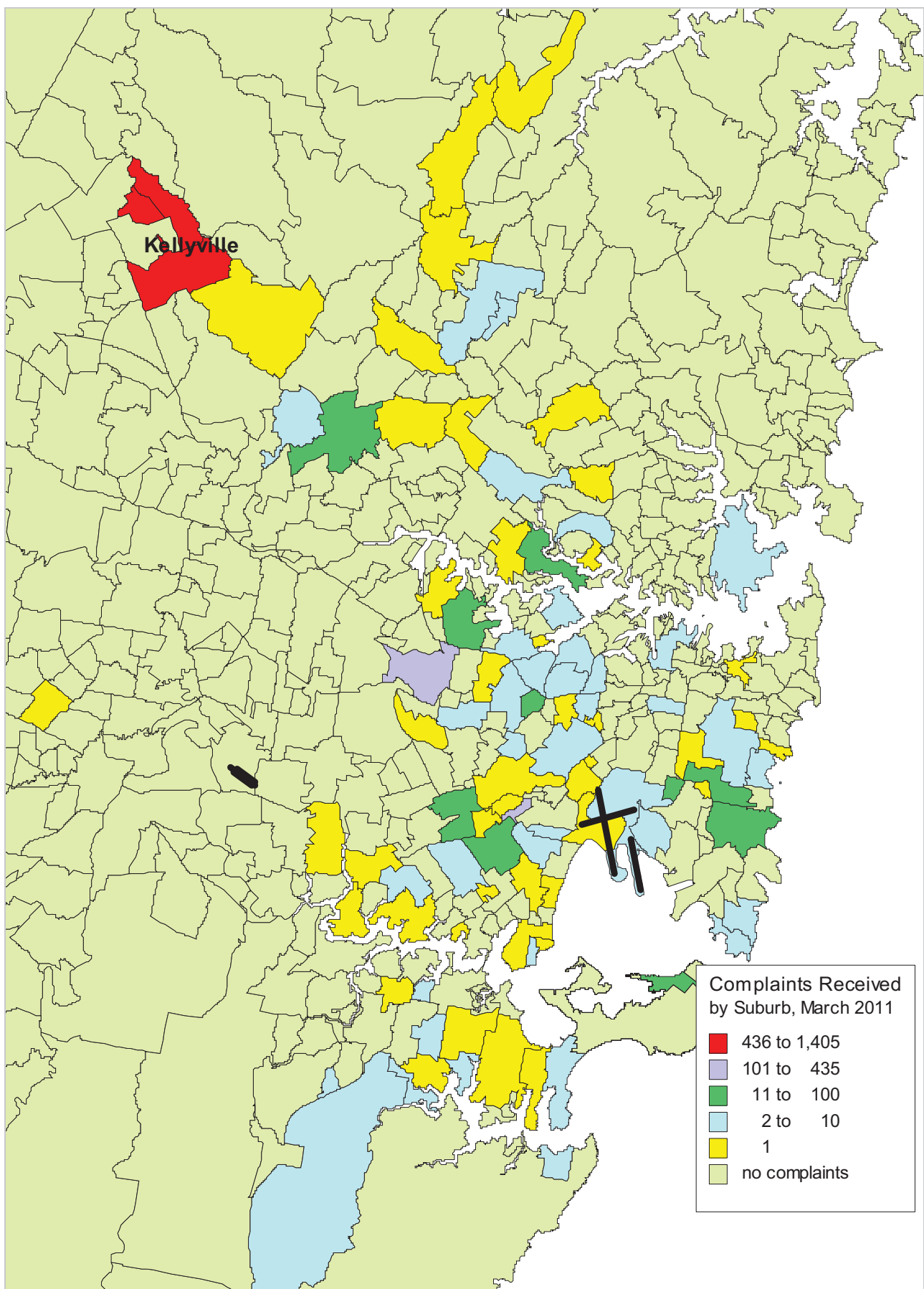


Top 20 Complaint Suburbs – 1 March to 31 March 2011



Complaint Density by Suburb

1 March to 31 March 2011



Recorded Complaints vs Complainants, by Suburb

1 March to 31 March 2011

<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>	<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>
Not Specified	5	2	Killara	1	1
Allawah	1	1	Kingsford	59	6
Annandale	4	3	Kingsgrove	14	2
Ashfield	3	3	Kogarah	1	1
Banksia	3	2	Kurnell	64	9
Bardwell Park	1	1	Kyeemagh	1	1
Bardwell Valley	433	1	Kyle Bay	1	1
Belfield	1	1	La Perouse	10	3
Berowra	1	1	Lane Cove	2	2
Bexley	31	19	Leichhardt	9	8
Bexley North	1	1	Lilyfield	4	3
Bonnyrigg	1	1	Little Bay	4	3
Botany	2	2	Longueville	1	1
Bundeena	2	2	Lugarno	1	1
Caringbah	1	1	Maroubra	14	9
Carlingford	24	3	Marrickville	4	4
Castle Hill	1	1	Marsfield	1	1
Chatswood West	1	1	Mascot	4	3
Clovelly	1	1	Miranda	1	1
Concord	19	2	Monterey	1	1
Concord West	1	1	Mortdale	10	2
Coogee	4	3	Mosman	2	2
Cronulla	10	9	North Rocks	8	3
Croydon	1	1	North Ryde	3	2
Croydon Park	3	1	Oatley	1	1
Daceyville	1	1	Padstow	1	1
Dolls Point	1	1	Peakhurst	1	1
Double Bay	1	1	Pennant Hills	1	1
Drummoyne	3	3	Petersham	1	1
Earlwood	1	1	Queens Park	1	1
Eastlakes	13	3	Randwick	4	2
Enmore	1	1	Redfern	2	1
Epping	1	1	Rockdale	2	2
Five Dock	2	1	Rodd Point	1	1
Gladesville	1	1	Sandringham	7	6
Grays Point	3	2	Sans Souci	1	1
Gymea	3	1	Stanmore	3	3
Gymea Bay	1	1	Strathfield	165	2
Haberfield	2	1	Summer Hill	34	4
Hornsby	1	1	Sydenham	1	1
Hornsby Heights	1	1	Sydney	2	1
Hunters Hill	32	7	Tempe	1	1
Hurlstone Park	4	1	Wahroonga	7	2
Hurstville	5	5	Warrawee	2	1
Jannali	1	1	Woolooware	1	1
Kareela	2	1	Yarrawarra	2	1
Kellyville	1405	1	Yowie Bay	8	2
Kensington	1	1			
Total Complaints	2510		Total Complainants	210	

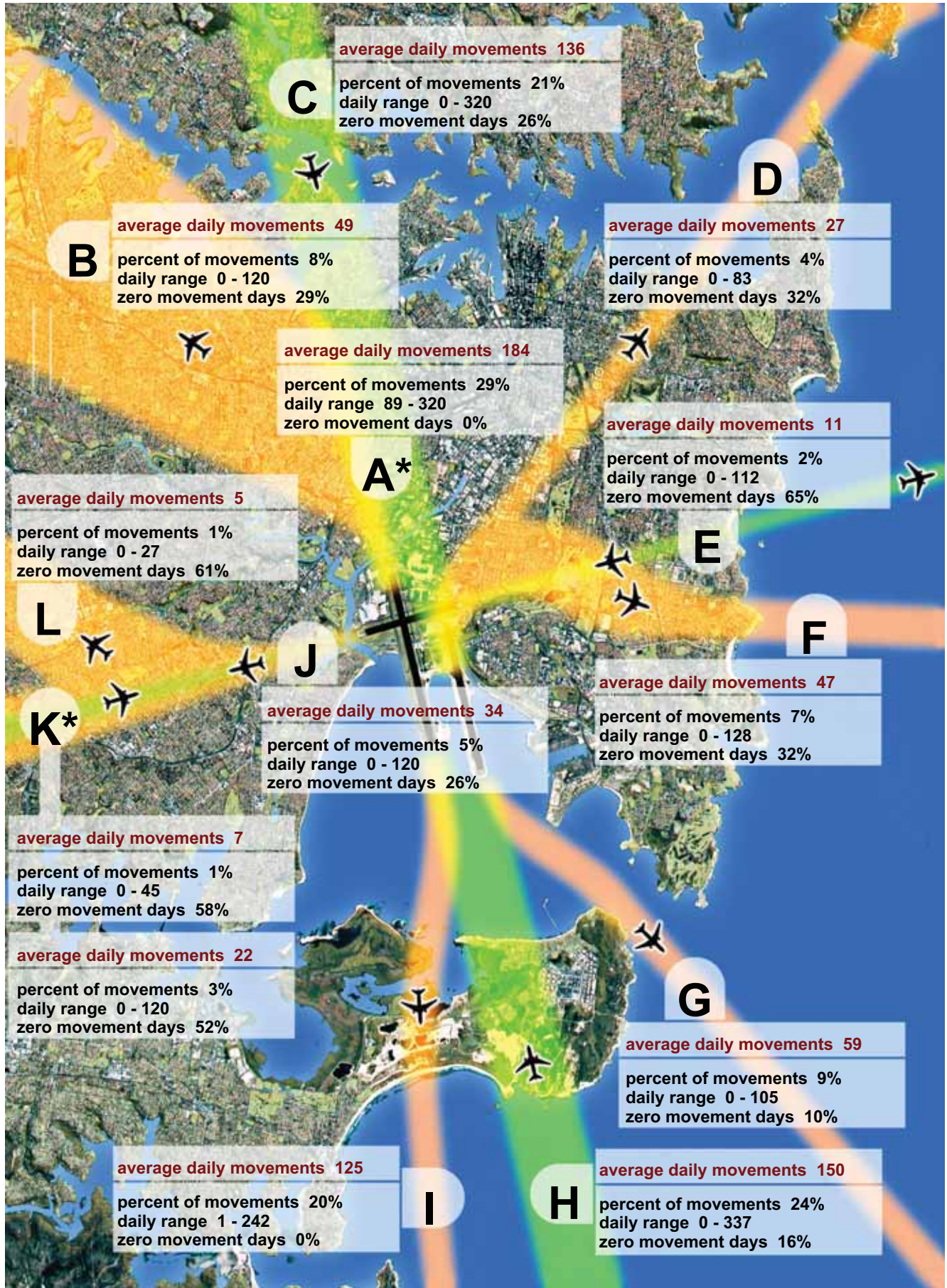
Recorded Complaints vs Complainants, by Locations/Airports Other than Sydney (NSW Only)

1 March to 31 March 2011

<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>	<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>
Bankstown	44	22	Lake Bathurst	1	1
Camden	33	8	Maianbar	1	1
Williamstown	8	6	Maitland	1	1
Amberley	1	1	Michelago	1	1
Arcadia	1	1	Muswellbrook	1	1
Carlingford	1	1	Not Specified	1	1
Castle Hill	1	1	Port Macquarie	4	3
Channel 7	1	1	St George Hospital	1	1
Coffs Harbour	1	1	Thirroul	1	1
Darling Harbour	1	1	Wahroonga	1	1
Elizabeth Bay	1	1	Yass	1	1
Total Complaints	107		Total Complainants		57

Sydney Airport : Jet Flight Path Movements

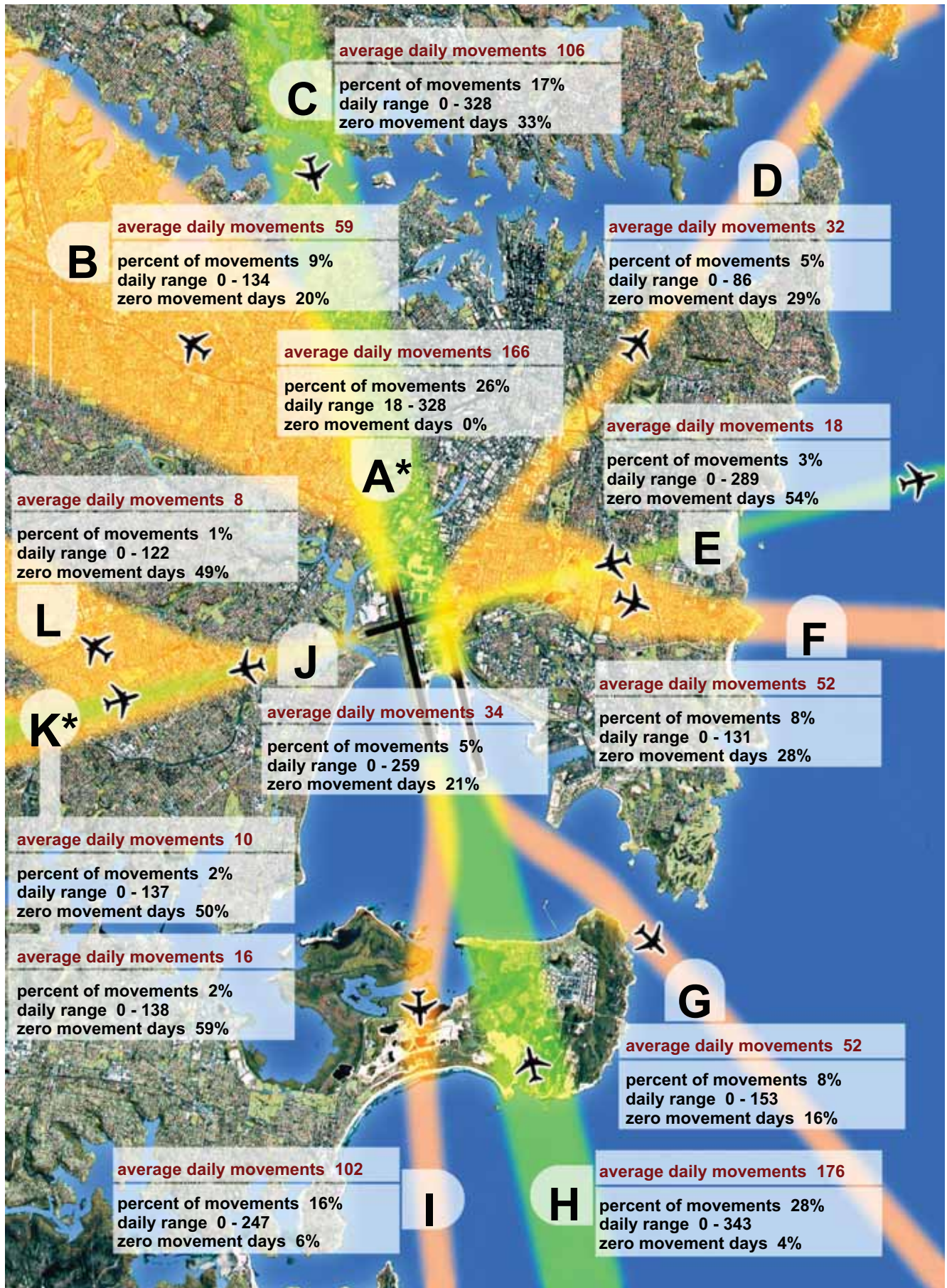
1 March 2011 to 31 March 2011, All Jets



Note : Track A* is Tracks B and C combined. Track K* shows departures (top box) and arrivals (bottom box).

Sydney Airport : Jet Flight Path Movements

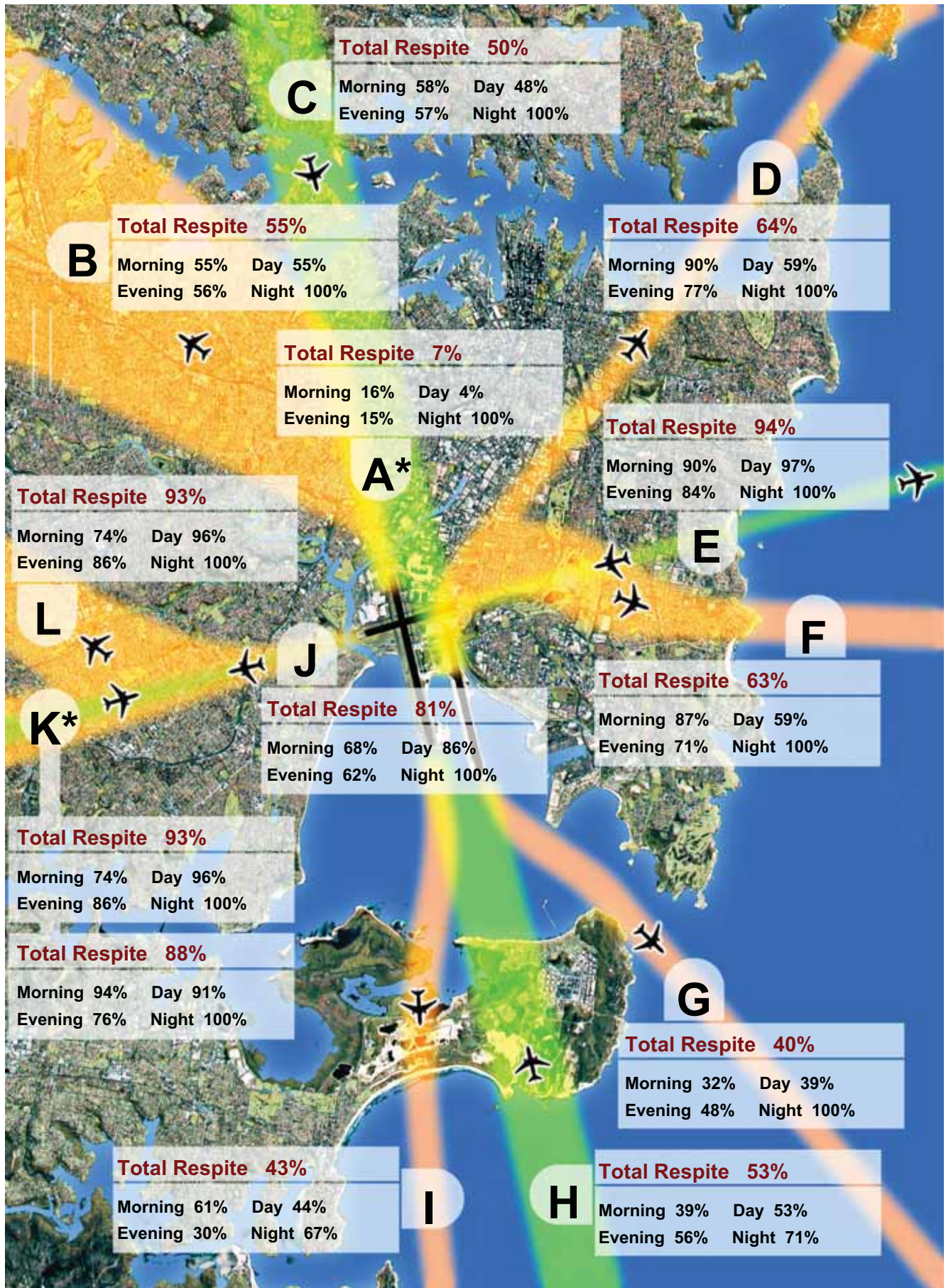
1 April 2010 to 31 March 2011, All Jets



Note : Track A* is Tracks B and C combined. Track K* shows departures (top box) and arrivals (bottom box).

Sydney Airport : Jet Aircraft Respite (R60)

1 March 2011 to 31 March 2011, All Jets



Note : Track A* is Tracks B and C combined. Track K* shows departures (top box) and arrivals (bottom box).

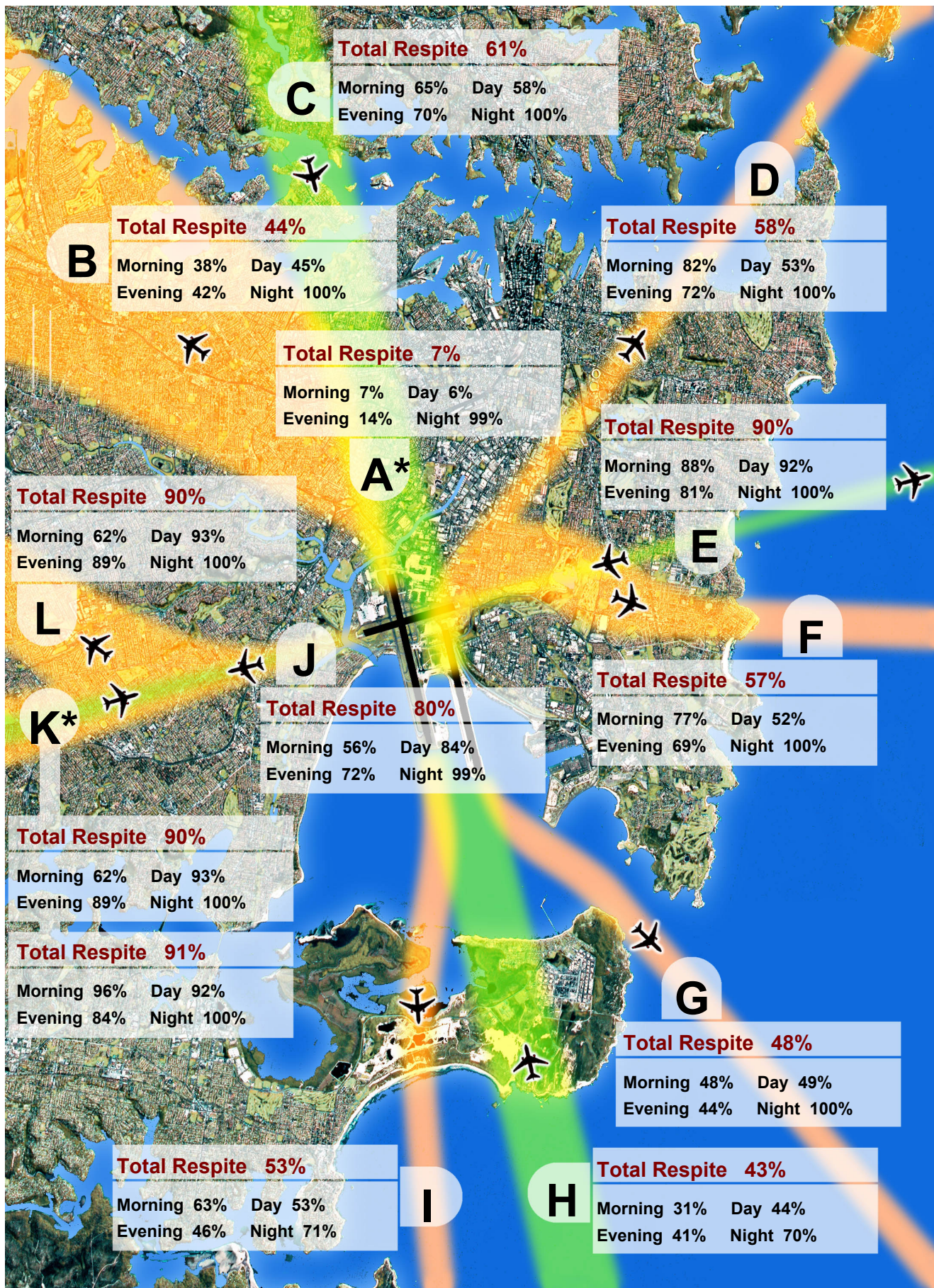
A respite interval is a 60 minute period when there are no jet movements (R60).

Morning: 06:00 to 07:00 Day: 07:00 to 20:00 Evening: 20:00 to 23:00 Night: 23:00 to 06:00

Total Respite: 06:00 to 23:00

Sydney Airport : Jet Aircraft Respite (R60)

1 April 2010 to 31 March 2011, All Jets



Note : Track A* is Tracks B and C combined. Track K* shows departures (top box) and arrivals (bottom box).

A respite interval is a 60 minute period when there are no jet movements (R60).

Morning: 06:00 to 07:00 Day: 07:00 to 20:00 Evening: 20:00 to 23:00 Night: 23:00 to 06:00

Total Respite: 06:00 to 23:00

Sydney Airport - Jet Flight Path Movements (Explanation)

April 2010 to March 2011

The flight path bands depicted in the diagram are indicative only and are used to illustrate how the noise is being shared. Some flight tracks will be outside the bands indicated.

- The diagram shows only jet flight tracks and movements. Propeller flight tracks and movements are not shown.
- Percentages and average daily movement numbers have been rounded.
- The information presented in the movements and respite summary statistics sheets is derived from Airservices Australia's NFPMS.

	Description	Notes
A	Inner north	
	Arrivals from and departures to the north (L16L, L16R, D34L)	
B	North-west	Area mainly gets overflights (departures) from Mode 9 . Due to seasonal changes in wind patterns the highest use of this Mode was in October 2010 .
	Departures off runway 34L	
C	North shore	Area mainly gets overflights (arrivals) from Mode 10 . Due to seasonal changes in wind patterns the highest use of this Mode was in March 2011 .
	Arrivals from the north on runways 16L and 16R	
D	North-east	Area gets overflights (departures) from Mode 9 . Due to seasonal changes in wind patterns the highest use of Mode 9 was in October 2010 .
	Departures off runway 34R to the north-east	
E	East - Coogee	Area mainly gets overflights (arrivals) from Mode 5 . Due to seasonal changes in wind patterns the highest use of this Mode was in June 2010 .
	Arrivals on runway 25 and departures from runway 07	
F	East - Maroubra	Area gets overflights (departures) from Mode 9 . Due to seasonal changes in wind patterns the highest use of Mode 9 was in October 2010 .
	Departures from runway 34R that turn hard east	
G	South - Botany Bay Heads	
	Departures from runway 16L	
H	South - Kurnell Peninsula	Area gets overflights (arrivals) from Modes 9 & 7 . Due to seasonal changes in wind patterns the highest use of Mode 9 was in October 2010 and Mode 7 was in May 2010 .
	Arrivals on runways 34L and 34R	
I	South - Kurnell Sand Hills	
	Departures from runway 16R	
J, K & L	West	Area mainly gets overflights from Modes 7 & 8 (departures) and Mode 14A (arrivals). Due to seasonal changes in wind patterns the highest use of Mode 7 was in May 2010 , Mode 14A in January 2011 & Mode 8 has not been used during the past 12 months.
	Arrivals on runway 07 and departures from runway 25	

Sydney Airport - Jet Aircraft Respite (R60) (Explanation)

Respite

The respite figures in the map are based on the concept of a **respite hour** being a **whole clock hour** where there are **no aircraft movements**.

Total Respite takes into account all 7 days of the week and is based on the total number of clock hours during the period 6am to 11pm, for the period April 2010 to March 2011, during which there were no movements.

Morning Respite is based on the above criteria for the period 6am to 7am for all 7 days of the week.

Day Respite is based on the above criteria for the period 7am to 8pm for all 7 days of the week.

Evening Respite is based on the above criteria for the period 8pm to 11pm for all 7 days of the week.

Curfew (Night) is based on the above criteria for the period 11pm to 6am for all 7 days of the week.

The percentage figure for a category of respite refers to the proportion of the total possible number of respite hours for that category for the date period. For example, the Jet Aircraft Respite Hours map (for the last rolling year) shows that **flight path D has Total Respite hours of 58%**. This means that over the period **April 2010 to March 2011 for 58%** of the total clock hours between 6am and 11pm there were no movements on that flight path.

Notes

- Propeller movements have not been taken into account.
- The information presented in the map is derived from the Airport Noise and Operations Management System (ANOMS) data and is subject to change.
- The flight path bands depicted in the map are indicative only and are used to illustrate the extent of respite in different areas. Some jet movements will be outside the bands indicated.

Measured Daily N70 Values

Description

Airservices Australia maintains and operates a Noise and Flight path Monitoring System (NFPMS) at all the major Australian airports. Environmental Services at Airservices Australia's head office located in Canberra regularly reports on aircraft flight paths and noise for each major Airport. The data appearing here is a summary of the N70 noise data for Sydney Airport for March 2011.



Figure 1. NMT sites about Sydney Airport and the daily N70 values for the month of March 2011

The measured daily N70 value is the average daily number of aircraft noise events whose maximum noise level (LAmax) equals or exceeds 70dBA.

The daily N70 values for the various NMTs and their positions in Sydney are displayed in Figure 1. The total number of Correlated Noise Events (CNE) and the number of days each NMT was operational during March 2011 along with the Daily N70 values for the three months up to and including March are given in Table 1.

Location	CNE Mar	Operational Days Mar	N70 Mar	N70 Feb	N70 Jan
<i>Threshold rwy 34</i>	9,445	30.9	301	296	285
<i>Penshurst</i>	1,251	30.9	35	32	32
<i>Bexley</i>	1,371	30.9	42	36	34
<i>Sydenham</i>	5,457	30.9	176	173	162
<i>Johnston St. Annandale</i>	2,989	30.9	68	66	56
<i>Church St. St Peters</i>	4,319	30.9	98	98	88
<i>Leichhardt PEMU 36</i>	3,575	30.9	110	105	93
<i>Eastlakes</i>	1,976	30.9	55	58	64
<i>Coogee</i>	545	28.3	15	0	0
<i>Kurnell</i>	2,508	30.9	69	61	66
<i>Croydon</i>	483	30.9	11	12	13
<i>Hunters Hill</i>	5,236	30.9	72	74	65

Table 1 Results for each Noise Monitoring Terminal for the three months up to and including March 2011.

The N70 values for March 2011 have also been calculated for six different periods:

- Morning N70 value (AM), correlated noise events between 6:00am and 7:00am.
- Evening N70 value (PM), between 8:00pm and 11:00pm.
- Daytime N70 value (Day), between 7:00am and 8:00pm
- Night N70 value (Night), between 11:00pm and 6:00am
- Weekend Day N70 value (WE_D), between 6:00am and 11:00pm Saturday and Sunday.
- Weekend Night N70 value (WE_N), between midnight Friday to 6:00am
- Saturday, 11:00pm Saturday to 6:00am Sunday and 11:00pm to midnight on Sunday

These results are contained in Table 2.

Runway 34L AM 13 PM 38 Day 248 Night 10 WE_D 257 WE_N 2	Penshurst AM 3 PM 12 Day 17 Night 0 WE_D 42 WE_N 0	Bexley AM 4 PM 15 Day 21 Night 0 WE_D 43 WE_N 0	Eastlakes AM 1 PM 9 Day 52 Night 0 WE_D 36 WE_N 0
Coogee AM 1 PM 6 Day 8 Night 0 WE_D 16 WE_N 0	Sydenham AM 4 PM 18 Day 151 Night 0 WE_D 177 WE_N 1	Leichhardt PEMU36 AM 3 PM 11 Day 82 Night 0 WE_D 145 WE_N 1	Kurnell AM 0 PM 7 Day 79 Night 0 WE_D 18 WE_N 0
Annandale AM 0 PM 4 Day 58 Night 0 WE_D 81 WE_N 0	St Peters AM 1 PM 8 Day 88 Night 0 WE_D 98 WE_N 1	Croydon AM 0 PM 2 Day 11 Night 0 WE_D 6 WE_N 0	Hunters Hill AM 2 PM 7 Day 52 Night 0 WE_D 97 WE_N 1

Table 2. N70 values for the different periods of the day.

Due to normal maintenance activities and occasional upgrading of the system any one NMT may not have been operational for the entire sample period. As a result the average at each NMT is performed only for the period in which the NMT was operating; this ensures the daily N70 figure is not influenced by NMT downtime.

DISCLAIMER

The Sydney Airport Operational Statistics report contains a summary of data collected over the specified period and is intended to convey the best information available at the time from the Noise and Flight Path Monitoring System (NFPMS), Noise Complaint Monitoring System (NCMS) and Transparent Noise Information Package (TNIP). These system databases and programs are to some extent dependent upon external sources and errors may occur. All care is taken in preparation of the report but its complete accuracy cannot be guaranteed. Airservices Australia does not accept any legal liability for any losses arising from reliance upon data in this report which may be found to be inaccurate.