



AIRSERVICES AUSTRALIA

Sydney Airport
Operational Statistics
April 2011

Produced by Environmental Services

PREVIEW

Sydney Airport Operational Statistics Report Preview

April 2011

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

There were a total of 25,039 aircraft movements this month (daily average 834.63). Last month there were a total of 26,257 movements (daily average 847.00) and for the same month last year there were a total of 24,969 movements (daily average 832.30).

Mode Utilisation (refer pages 11 & 13)

Individual mode use in excess of 9 hours occurred on 24 days this month, Mode 9 on 7 days, Mode 10 on 17 days. Crossing runway modes (including Sodprops) were used for 26.40% 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 33.12% - This result is above the LTOP target and above the previous month (30.57%)

South 51.95% - This result is below the LTOP target and below the previous month (51.98%)

East 10.91% - This result is below the LTOP target and below the previous month (12.05%)

West 3.99% - This result is below the LTOP target and below the previous month (5.38%)

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

This procedure was used on 05, 06, 27 and 28 April for a total of 8 hours and 13 minutes (ATIS time)

Noise Enquiry Service (refer pages 15-20)

A total of 2663 complaints, comments and enquiries were received as follows:

2498 Sydney suburbs complaints from 216 complainants

37 Sydney suburbs comments and enquiries

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

**Noise Enquiry Service
Environmental Services
Airservices Australia**

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

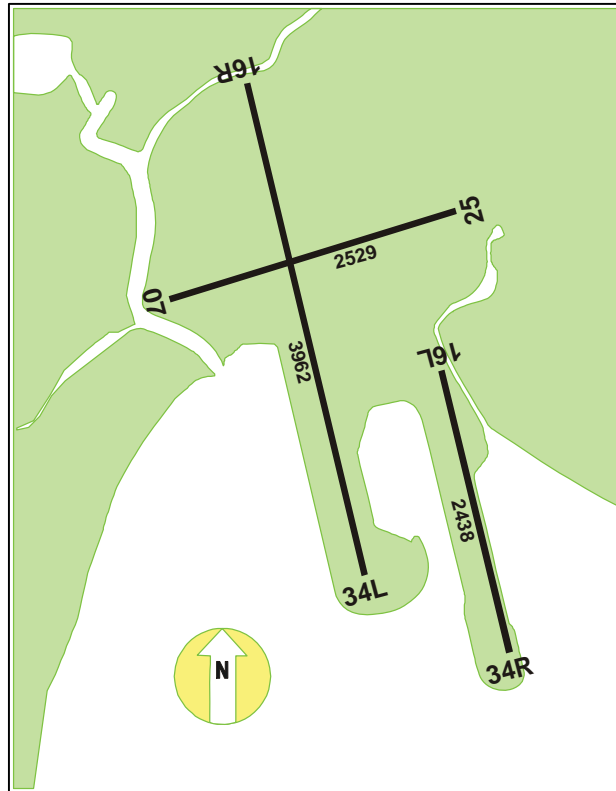
www.airservicesaustralia.com

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)

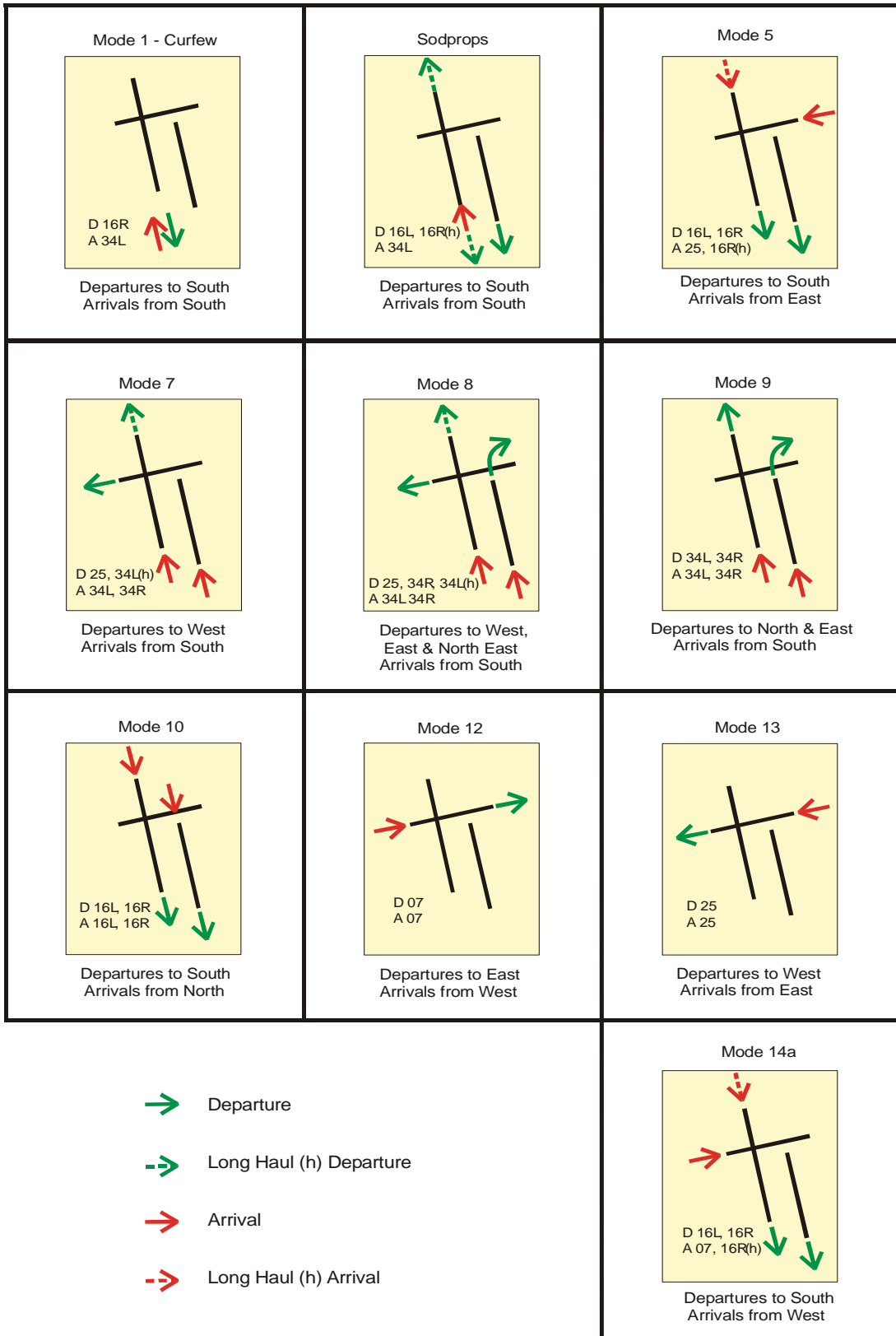
Movements over the North =16L(arr) + 16R(arr) + 34L(dep)

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-Apr-11	49	0	49	60	62	122	82	148	230	0	12	12	191	102	293	71	128	199	0	0	0	905
02-Apr-11	1	0	1	117	111	228	197	230	427	36	1	37	10	1	11	0	0	0	0	0	0	704
03-Apr-11	94	0	94	49	124	173	61	180	241	26	3	29	131	53	184	20	41	61	0	0	0	782
04-Apr-11	0	0	0	138	129	267	236	321	557	65	0	65	6	0	6	0	0	0	0	0	0	895
05-Apr-11	55	0	55	143	122	265	230	304	534	0	1	1	4	0	4	0	0	0	0	0	0	859
06-Apr-11	44	0	44	160	131	291	228	312	540	0	0	0	6	0	6	0	0	0	0	0	0	881
07-Apr-11	73	0	73	153	132	285	216	319	535	9	1	10	5	0	5	0	0	0	0	0	0	908
08-Apr-11	51	0	51	131	124	255	206	288	494	0	0	0	36	15	51	27	28	55	0	0	0	906
09-Apr-11	2	0	2	0	15	15	0	0	0	0	2	2	298	157	455	64	171	235	0	0	0	709
10-Apr-11	1	0	1	3	25	28	15	58	73	76	71	147	197	114	311	88	125	213	0	0	0	773
11-Apr-11	0	0	0	0	49	49	0	4	4	1	2	3	327	203	530	116	192	308	0	0	0	894
12-Apr-11	1	0	1	0	0	0	0	7	7	1	94	95	282	164	446	158	173	331	0	0	0	880
13-Apr-11	0	0	0	0	25	25	0	7	7	1	60	61	306	172	478	127	178	305	0	0	0	876
14-Apr-11	0	0	0	50	66	116	70	172	242	106	17	123	149	93	242	82	106	188	0	0	0	911
15-Apr-11	0	0	0	122	113	235	155	280	435	92	20	112	64	17	81	32	33	65	0	0	0	928
16-Apr-11	0	0	0	141	113	254	229	239	468	0	1	1	2	0	2	0	0	0	0	0	0	725
17-Apr-11	58	0	58	107	106	213	181	293	474	43	2	45	0	0	0	0	0	0	0	0	0	790
18-Apr-11	0	0	0	0	0	0	0	6	6	0	16	16	298	200	498	144	219	363	0	0	0	883
19-Apr-11	4	0	4	73	83	156	136	167	303	0	17	17	148	88	236	68	79	147	0	0	0	863
20-Apr-11	0	0	0	0	24	24	0	8	8	0	44	44	290	184	474	159	194	353	0	0	0	903
21-Apr-11	1	0	1	0	95	95	2	5	7	1	0	1	350	190	540	103	166	269	0	0	0	913
22-Apr-11	0	0	0	37	99	136	59	140	199	113	1	114	161	89	250	46	78	124	0	0	0	823
23-Apr-11	3	0	3	50	98	148	158	227	385	121	4	125	6	0	6	0	0	0	0	0	0	667
24-Apr-11	88	0	88	59	74	133	87	205	292	27	22	49	67	26	93	17	29	46	0	0	0	701
25-Apr-11	1	0	1	149	114	263	241	290	531	0	0	0	1	0	1	0	0	0	0	0	0	796
26-Apr-11	4	0	4	168	123	291	240	289	529	0	0	0	3	0	3	0	0	0	0	0	0	827
27-Apr-11	79	0	79	133	126	259	210	304	514	5	0	5	3	0	3	0	0	0	0	0	0	860
28-Apr-11	0	0	0	177	137	314	255	295	550	0	1	1	7	0	7	0	0	0	0	0	0	872
29-Apr-11	0	0	0	178	130	308	221	313	534	21	0	21	27	4	31	0	0	0	0	0	0	894
30-Apr-11	0	0	0	119	106	225	191	243	434	49	0	49	3	0	3	0	0	0	0	0	0	711
Total	609	0	609	2517	2656	5173	3906	5654	9560	793	392	1185	3378	1872	5250	1322	1940	3262	0	0	0	25039

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-Apr-11	30	0	30	32	43	75	70	111	181	0	11	11	155	61	216	44	106	150	0	0	0	663
02-Apr-11	0	0	0	82	84	166	157	194	351	34	0	34	9	1	10	0	0	0	0	0	0	561
03-Apr-11	79	0	79	35	96	131	44	142	186	19	2	21	107	30	137	18	37	55	0	0	0	609
04-Apr-11	0	0	0	87	88	175	195	244	439	44	0	44	3	0	3	0	0	0	0	0	0	661
05-Apr-11	48	0	48	91	84	175	178	232	410	0	0	0	4	0	4	0	0	0	0	0	0	637
06-Apr-11	40	0	40	98	90	188	180	236	416	0	0	0	5	0	5	0	0	0	0	0	0	649
07-Apr-11	59	0	59	100	91	191	165	244	409	8	0	8	5	0	5	0	0	0	0	0	0	672
08-Apr-11	44	0	44	87	85	172	160	221	381	0	0	0	30	8	38	14	25	39	0	0	0	674
09-Apr-11	1	0	1	0	14	14	0	0	0	0	1	1	250	118	368	36	148	184	0	0	0	568
10-Apr-11	0	0	0	2	18	20	15	46	61	59	51	110	167	80	247	59	108	167	0	0	0	605
11-Apr-11	0	0	0	0	45	45	0	3	3	1	0	1	257	127	384	72	159	231	0	0	0	664
12-Apr-11	0	0	0	0	0	0	0	5	5	1	72	73	233	108	341	95	140	235	0	0	0	654
13-Apr-11	0	0	0	0	23	23	0	6	6	1	44	45	247	110	357	73	146	219	0	0	0	650
14-Apr-11	0	0	0	34	45	79	52	138	190	89	13	102	118	57	175	48	85	133	0	0	0	679
15-Apr-11	0	0	0	82	79	161	117	213	330	70	17	87	55	10	65	21	27	48	0	0	0	691
16-Apr-11	0	0	0	101	89	190	191	198	389	0	0	0	2	0	2	0	0	0	0	0	0	581
17-Apr-11	42	0	42	84	75	159	145	234	379	40	0	40	0	0	0	0	0	0	0	0	0	620
18-Apr-11	0	0	0	0	0	0	0	4	4	0	15	15	232	131	363	100	181	281	0	0	0	663
19-Apr-11	2	0	2	49	55	104	108	127	235	0	16	16	119	56	175	38	65	103	0	0	0	635
20-Apr-11	0	0	0	0	23	23	0	6	6	0	33	33	242	118	360	91	158	249	0	0	0	671
21-Apr-11	0	0	0	0	82	82	0	4	4	1	0	1	268	115	383	69	134	203	0	0	0	673
22-Apr-11	0	0	0	26	79	105	46	114	160	89	0	89	128	63	191	30	66	96	0	0	0	641
23-Apr-11	1	0	1	19	77	96	147	196	343	109	1	110	5	0	5	0	0	0	0	0	0	555
24-Apr-11	67	0	67	43	55	98	72	165	237	24	19	43	61	20	81	15	25	40	0	0	0	566
25-Apr-11	0	0	0	105	82	187	205	234	439	0	0	0	0	0	0	0	0	0	0	0	0	626
26-Apr-11	3	0	3	109	81	190	202	229	431	0	0	0	3	0	3	0	0	0	0	0	0	627
27-Apr-11	55	0	55	87	87	174	170	232	402	4	0	4	3	0	3	0	0	0	0	0	0	638
28-Apr-11	0	0	0	115	94	209	202	223	425	0	0	0	6	0	6	0	0	0	0	0	0	640
29-Apr-11	0	0	0	119	95	214	175	236	411	11	0	11	24	2	26	0	0	0	0	0	0	662
30-Apr-11	0	0	0	75	81	156	160	202	362	47	0	47	2	0	2	0	0	0	0	0	0	567
Total	471	0	471	1662	1940	3602	3156	4439	7595	651	295	946	2740	1215	3955	823	1610	2433	0	0	0	19002

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-Apr-11	19	0	19	28	19	47	12	37	49	0	1	1	36	41	77	27	22	49	0	0	0	242
02-Apr-11	1	0	1	35	27	62	40	36	76	2	1	3	1	0	1	0	0	0	0	0	0	143
03-Apr-11	15	0	15	14	28	42	17	38	55	7	1	8	24	23	47	2	4	6	0	0	0	173
04-Apr-11	0	0	0	51	41	92	41	77	118	21	0	21	3	0	3	0	0	0	0	0	0	234
05-Apr-11	7	0	7	52	38	90	52	72	124	0	1	1	0	0	0	0	0	0	0	0	0	222
06-Apr-11	4	0	4	62	41	103	48	76	124	0	0	0	1	0	1	0	0	0	0	0	0	232
07-Apr-11	14	0	14	53	41	94	51	75	126	1	1	2	0	0	0	0	0	0	0	0	0	236
08-Apr-11	7	0	7	44	39	83	46	67	113	0	0	0	6	7	13	13	3	16	0	0	0	232
09-Apr-11	1	0	1	0	1	1	0	0	0	0	1	1	48	39	87	28	23	51	0	0	0	141
10-Apr-11	1	0	1	1	7	8	0	12	12	17	20	37	30	34	64	29	17	46	0	0	0	168
11-Apr-11	0	0	0	0	4	4	0	1	1	0	2	2	70	76	146	44	33	77	0	0	0	230
12-Apr-11	1	0	1	0	0	0	0	2	2	0	22	22	49	56	105	63	33	96	0	0	0	226
13-Apr-11	0	0	0	0	2	2	0	1	1	0	16	16	59	62	121	54	32	86	0	0	0	226
14-Apr-11	0	0	0	16	21	37	18	34	52	17	4	21	31	36	67	34	21	55	0	0	0	232
15-Apr-11	0	0	0	40	34	74	38	67	105	22	3	25	9	7	16	11	6	17	0	0	0	237
16-Apr-11	0	0	0	40	24	64	38	41	79	0	1	1	0	0	0	0	0	0	0	0	0	144
17-Apr-11	16	0	16	23	31	54	36	59	95	3	2	5	0	0	0	0	0	0	0	0	0	170
18-Apr-11	0	0	0	0	0	0	0	2	2	0	1	1	66	69	135	44	38	82	0	0	0	220
19-Apr-11	2	0	2	24	28	52	28	40	68	0	1	1	29	32	61	30	14	44	0	0	0	228
20-Apr-11	0	0	0	0	1	1	0	2	2	0	11	11	48	66	114	68	36	104	0	0	0	232
21-Apr-11	1	0	1	0	13	13	2	1	3	0	0	0	82	75	157	34	32	66	0	0	0	240
22-Apr-11	0	0	0	11	20	31	13	26	39	24	1	25	33	26	59	16	12	28	0	0	0	182
23-Apr-11	2	0	2	31	21	52	11	31	42	12	3	15	1	0	1	0	0	0	0	0	0	112
24-Apr-11	21	0	21	16	19	35	15	40	55	3	3	6	6	6	12	2	4	6	0	0	0	135
25-Apr-11	1	0	1	44	32	76	36	56	92	0	0	0	1	0	1	0	0	0	0	0	0	170
26-Apr-11	1	0	1	59	42	101	38	60	98	0	0	0	0	0	0	0	0	0	0	0	0	200
27-Apr-11	24	0	24	46	39	85	40	72	112	1	0	1	0	0	0	0	0	0	0	0	0	222
28-Apr-11	0	0	0	62	43	105	53	72	125	0	1	1	1	0	1	0	0	0	0	0	0	232
29-Apr-11	0	0	0	59	35	94	46	77	123	10	0	10	3	2	5	0	0	0	0	0	0	232
30-Apr-11	0	0	0	44	25	69	31	41	72	2	0	2	1	0	1	0	0	0	0	0	0	144
Total	138	0	138	855	716	1571	750	1215	1965	142	97	239	638	657	1295	499	330	829	0	0	0	6037

(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-Apr-11	3	0	2	2	2	0	36	69	66	71	55	59	50	35	56	57	51	68	67	57	43	34	22	0	905
02-Apr-11	0	1	0	0	0	0	27	50	64	58	51	54	52	30	48	42	38	45	38	42	32	20	12	0	704
03-Apr-11	0	0	1	1	0	3	33	39	42	45	49	52	44	33	46	58	47	76	73	61	31	33	14	1	782
04-Apr-11	1	1	2	0	0	3	47	67	74	68	59	58	49	35	48	55	54	58	64	54	35	34	25	4	895
05-Apr-11	2	1	0	2	2	2	43	66	63	63	56	60	39	34	53	48	53	61	65	57	33	29	23	4	859
06-Apr-11	2	1	1	3	2	2	42	65	69	65	54	53	49	35	54	51	52	64	70	60	28	33	23	3	881
07-Apr-11	0	1	2	2	0	2	43	63	71	61	58	53	44	33	58	57	56	66	67	71	39	30	28	3	908
08-Apr-11	2	0	1	4	0	2	42	71	67	58	64	48	47	45	51	57	57	72	65	57	44	34	16	2	906
09-Apr-11	0	2	0	1	1	4	31	54	63	54	59	52	45	33	43	51	42	42	43	35	23	22	9	0	709
10-Apr-11	1	0	0	0	0	3	33	39	47	45	48	51	37	33	50	53	44	60	67	70	34	34	21	3	773
11-Apr-11	0	0	0	0	0	4	38	69	74	60	70	56	45	41	52	51	48	55	68	61	38	28	32	4	894
12-Apr-11	2	0	1	2	2	4	42	71	66	59	60	56	49	34	51	55	54	63	62	56	31	30	26	4	880
13-Apr-11	2	1	2	2	0	3	36	70	71	59	56	57	45	34	49	52	59	60	62	58	38	26	30	4	876
14-Apr-11	1	0	2	2	0	5	40	72	71	56	63	54	47	38	48	58	56	68	68	60	38	33	25	6	911
15-Apr-11	1	0	3	3	0	3	44	69	74	65	58	55	53	34	54	54	57	67	71	62	46	36	17	2	928
16-Apr-11	1	1	0	0	0	3	33	48	64	56	51	66	50	34	45	50	35	51	40	44	27	17	9	0	725
17-Apr-11	0	0	0	0	0	0	34	37	48	46	45	54	46	35	50	62	48	65	73	61	30	40	15	1	790
18-Apr-11	0	1	0	0	1	3	44	68	72	61	60	61	45	38	51	53	42	68	68	53	33	28	29	4	883
19-Apr-11	3	0	0	3	2	3	46	69	66	62	58	55	48	40	47	55	45	46	43	48	42	41	36	5	863
20-Apr-11	1	1	0	2	2	4	39	65	73	52	67	54	47	43	49	52	61	65	58	66	33	30	36	3	903
21-Apr-11	2	1	0	2	3	4	42	55	71	56	66	58	48	40	49	58	56	70	70	68	40	32	20	2	913
22-Apr-11	1	1	0	0	0	3	41	59	70	54	61	50	45	34	49	55	48	65	55	53	33	23	22	1	823
23-Apr-11	1	0	0	1	0	4	32	45	54	53	49	51	50	27	45	42	34	45	45	36	21	20	11	1	667
24-Apr-11	0	1	0	0	1	3	28	37	44	43	48	41	35	33	44	51	46	58	59	50	29	33	16	1	701
25-Apr-11	1	0	1	0	0	0	40	47	57	54	56	51	47	37	48	46	47	57	65	55	31	32	23	1	796
26-Apr-11	0	0	0	0	0	3	42	51	57	61	60	57	45	31	52	49	54	60	63	63	37	25	17	0	827
27-Apr-11	1	1	1	0	0	2	42	62	69	62	57	54	45	36	48	53	53	53	67	57	34	32	26	5	860
28-Apr-11	0	1	0	2	2	2	40	54	65	63	53	62	52	38	53	45	50	61	71	53	37	30	32	6	872
29-Apr-11	2	0	1	2	1	4	39	67	67	68	58	54	46	39	51	56	54	61	63	61	42	32	24	2	894
30-Apr-11	1	1	0	0	2	3	32	45	60	67	53	55	52	30	41	45	36	45	49	38	29	17	10	0	711
Total	31	17	20	36	23	81	1151	1743	1919	1745	1702	1641	1396	1062	1483	1571	1477	1795	1839	1667	1031	888	649	72	25039
Avg.	1.03	0.57	0.67	1.20	0.77	2.70	38.37	58.10	63.97	58.17	56.73	54.70	46.53	35.40	49.43	52.37	49.23	59.83	61.30	55.57	34.37	29.60	21.63	2.40	834.63

(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-Apr-11	1	0	2	1	1	0	17	38	36	35	28	25	21	19	31	21	27	36	31	25	25	23	10	0	453
02-Apr-11	0	1	0	0	0	0	15	33	30	24	25	25	22	19	27	18	20	25	19	22	18	12	6	0	361
03-Apr-11	0	0	1	0	0	3	20	24	16	18	23	21	18	14	22	25	25	44	35	27	17	20	7	1	381
04-Apr-11	0	1	1	0	0	3	25	35	41	22	32	29	19	16	25	25	31	27	33	28	17	22	12	1	445
05-Apr-11	1	0	0	2	0	1	26	35	36	29	26	26	19	17	26	16	32	32	31	24	22	17	13	1	432
06-Apr-11	0	1	1	2	0	2	21	35	38	28	23	28	24	16	26	20	30	34	33	28	17	18	12	1	438
07-Apr-11	0	0	2	0	0	2	23	38	36	25	29	25	17	15	35	20	29	39	35	29	23	17	16	1	456
08-Apr-11	1	0	1	2	0	2	22	39	36	23	29	21	23	24	26	23	33	36	29	28	23	20	9	1	451
09-Apr-11	0	1	0	1	0	4	22	33	28	22	26	24	21	14	27	27	21	24	19	18	15	13	4	0	364
10-Apr-11	1	0	0	0	0	3	21	22	21	19	19	23	13	12	28	21	24	36	37	31	15	18	14	2	380
11-Apr-11	0	0	0	0	0	4	23	35	37	27	31	26	23	16	30	20	24	29	36	27	21	18	16	1	444
12-Apr-11	0	0	1	1	1	4	21	39	35	26	33	25	20	16	29	24	29	31	29	23	23	17	14	1	442
13-Apr-11	1	1	2	0	0	3	17	40	39	21	23	32	19	14	27	20	33	31	32	25	22	17	13	2	434
14-Apr-11	0	0	2	0	0	5	22	40	34	25	33	25	20	15	31	22	33	34	33	25	22	20	14	2	457
15-Apr-11	0	0	3	1	0	3	24	40	38	26	28	24	26	14	29	27	27	33	36	28	26	21	9	2	465
16-Apr-11	0	0	0	0	0	3	22	30	34	20	22	32	22	18	24	28	16	33	17	22	14	9	6	0	372
17-Apr-11	0	0	0	0	0	0	23	22	20	16	24	20	20	14	25	30	23	43	33	31	15	22	8	0	389
18-Apr-11	0	0	0	0	1	3	24	38	34	28	27	30	20	18	28	20	26	39	29	26	18	16	16	1	442
19-Apr-11	0	0	0	3	0	3	26	39	29	29	30	26	21	18	29	20	27	36	24	20	14	19	15	1	429
20-Apr-11	0	1	0	2	0	3	21	38	37	22	29	25	24	19	23	29	30	32	31	28	17	20	18	0	449
21-Apr-11	2	0	0	2	1	3	22	32	36	23	32	26	19	20	25	29	28	40	35	28	21	21	11	1	457
22-Apr-11	1	1	0	0	0	3	22	37	35	21	25	23	24	15	24	25	27	37	27	24	18	13	13	1	416
23-Apr-11	1	0	0	0	0	4	21	28	25	19	24	23	21	14	25	19	18	25	20	21	13	12	4	1	338
24-Apr-11	0	0	0	0	1	3	19	21	17	20	19	17	14	12	23	22	25	36	27	26	16	18	8	1	345
25-Apr-11	1	0	1	0	0	0	26	25	31	17	27	25	21	15	24	19	26	29	31	25	19	18	11	1	392
26-Apr-11	0	0	0	0	0	3	25	28	30	31	27	22	21	13	29	15	32	35	34	26	21	14	9	0	415
27-Apr-11	0	1	1	0	0	2	25	34	36	24	28	27	21	14	25	26	27	28	33	27	20	16	15	0	430
28-Apr-11	0	1	0	2	0	2	22	28	36	28	26	30	20	16	30	14	30	35	35	20	25	18	19	2	439
29-Apr-11	0	0	1	1	0	4	21	37	37	26	30	24	21	17	26	26	26	35	31	29	23	16	15	1	447
30-Apr-11	1	0	0	0	1	3	22	26	32	29	24	26	20	14	22	22	17	30	22	19	16	12	4	0	362
Total	11	9	19	20	6	78	660	989	970	723	802	755	614	478	801	673	796	1004	897	760	576	517	341	26	12525
Avg.	0.37	0.30	0.63	0.67	0.20	2.60	22.00	32.97	32.33	24.10	26.73	25.17	20.47	15.93	26.70	22.43	26.53	33.47	29.90	25.33	19.20	17.23	11.37	0.87	417.50

(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-Apr-11	2	0	0	1	1	0	19	31	30	36	27	34	29	16	25	36	24	32	36	32	18	11	12	0	452
02-Apr-11	0	0	0	0	0	0	12	17	34	34	26	29	30	11	21	24	18	20	19	20	14	8	6	0	343
03-Apr-11	0	0	0	1	0	0	13	15	26	27	26	31	26	19	24	33	22	32	38	34	14	13	7	0	401
04-Apr-11	1	0	1	0	0	0	22	32	33	46	27	29	30	19	23	30	23	31	31	26	18	12	13	3	450
05-Apr-11	1	1	0	0	2	1	17	31	27	34	30	34	20	17	27	32	21	29	34	33	11	12	10	3	427
06-Apr-11	2	0	0	1	2	0	21	30	31	37	31	25	25	19	28	31	22	30	37	32	11	15	11	2	443
07-Apr-11	0	1	0	2	0	0	20	25	35	36	29	28	27	18	23	37	27	27	32	42	16	13	12	2	452
08-Apr-11	1	0	0	2	0	0	20	32	31	35	35	27	24	21	25	34	24	36	36	29	21	14	7	1	455
09-Apr-11	0	1	0	0	1	0	9	21	35	32	33	28	24	19	16	24	21	18	24	17	8	9	5	0	345
10-Apr-11	0	0	0	0	0	0	12	17	26	26	29	28	24	21	22	32	20	24	30	39	19	16	7	1	393
11-Apr-11	0	0	0	0	0	0	15	34	37	33	39	30	22	25	22	31	24	26	32	34	17	10	16	3	450
12-Apr-11	2	0	0	1	1	0	21	32	31	33	27	31	29	18	22	31	25	32	33	33	8	13	12	3	438
13-Apr-11	1	0	0	2	0	0	19	30	32	38	33	25	26	20	22	32	26	29	30	33	16	9	17	2	442
14-Apr-11	1	0	0	2	0	0	18	32	37	31	30	29	27	23	17	36	23	34	35	35	16	13	11	4	454
15-Apr-11	1	0	0	2	0	0	20	29	36	39	30	31	27	20	25	27	30	34	35	34	20	15	8	0	463
16-Apr-11	1	1	0	0	0	0	11	18	30	36	29	34	28	16	21	22	19	18	23	22	13	8	3	0	353
17-Apr-11	0	0	0	0	0	0	11	15	28	30	21	34	26	21	25	32	25	22	40	30	15	18	7	1	401
18-Apr-11	0	1	0	0	0	0	20	30	38	33	33	31	25	20	23	33	16	29	39	27	15	12	13	3	441
19-Apr-11	3	0	0	0	2	0	20	30	37	33	28	29	27	22	18	35	18	10	19	28	28	22	21	4	434
20-Apr-11	1	0	0	0	2	1	18	27	36	30	38	29	23	24	26	23	31	33	27	38	16	10	18	3	454
21-Apr-11	0	1	0	0	2	1	20	23	35	33	34	32	29	20	24	29	28	30	35	40	19	11	9	1	456
22-Apr-11	0	0	0	0	0	0	19	22	35	33	36	27	21	19	25	30	21	28	28	29	15	10	9	0	407
23-Apr-11	0	0	0	1	0	0	11	17	29	34	25	28	29	13	20	23	16	20	25	15	8	8	7	0	329
24-Apr-11	0	1	0	0	0	0	9	16	27	23	29	24	21	21	21	29	21	22	32	24	13	15	8	0	356
25-Apr-11	0	0	0	0	0	0	14	22	26	37	29	26	26	22	24	27	21	28	34	30	12	14	12	0	404
26-Apr-11	0	0	0	0	0	0	17	23	27	30	33	35	24	18	23	34	22	25	29	37	16	11	8	0	412
27-Apr-11	1	0	0	0	0	0	17	28	33	38	29	27	24	22	23	27	26	25	34	30	14	16	11	5	430
28-Apr-11	0	0	0	0	2	0	18	26	29	35	27	32	32	22	23	31	20	26	36	33	12	12	13	4	433
29-Apr-11	2	0	0	1	1	0	18	30	30	42	28	30	25	22	25	30	28	26	32	32	19	16	9	1	447
30-Apr-11	0	1	0	0	1	0	10	19	28	38	29	29	32	16	19	23	19	15	27	19	13	5	6	0	349
Total	20	8	1	16	17	3	491	754	949	1022	900	886	782	584	682	898	681	791	942	907	455	371	308	46	12514
Avg.	0.67	0.27	0.03	0.53	0.57	0.10	16.37	25.13	31.63	34.07	30.00	29.53	26.07	19.47	22.73	29.93	22.70	26.37	31.40	30.23	15.17	12.37	10.27	1.53	417.13

(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	Mode 14a 16/07	Mode 15 34R/34L	Other
01-Apr-11	07:00	00:18	00:38	-	00:48	-	08:51	03:59	-	-	02:23	-	-
02-Apr-11	07:00	00:24	00:27	02:52	-	-	-	13:15	-	-	-	-	-
03-Apr-11	07:00	00:35	03:23	01:31	-	-	03:11	03:02	-	-	05:15	-	-
04-Apr-11	07:00	00:15	-	03:25	-	-	-	13:18	-	-	-	-	-
05-Apr-11	07:00	00:30	-	-	-	-	-	13:37	-	-	02:51	-	-
06-Apr-11	07:00	00:22	-	-	-	-	-	14:09	-	-	02:27	-	-
07-Apr-11	07:00	00:24	-	00:15	-	-	-	12:08	-	-	04:11	-	-
08-Apr-11	07:00	00:29	-	-	-	-	01:36	12:23	-	-	02:29	-	-
09-Apr-11	07:00	00:33	01:21	-	-	-	15:04	-	-	-	-	-	-
10-Apr-11	07:00	00:07	-	03:37	04:05	-	08:09	00:39	-	00:19	-	-	-
11-Apr-11	07:00	00:19	04:20	-	-	-	12:19	-	-	-	-	-	-
12-Apr-11	07:00	00:13	-	-	05:42	-	11:03	-	-	-	-	-	-
13-Apr-11	07:00	00:19	02:12	-	03:14	-	11:12	-	-	-	-	-	-
14-Apr-11	07:00	00:23	-	05:25	01:01	-	06:21	03:48	-	-	-	-	-
15-Apr-11	07:00	00:24	-	04:33	00:59	-	01:36	09:24	-	-	-	-	-
16-Apr-11	07:00	00:08	-	-	-	-	-	16:50	-	-	-	-	-
17-Apr-11	07:00	00:25	-	02:31	-	-	-	10:46	-	-	03:15	-	-
18-Apr-11	07:00	00:17	-	-	00:51	-	15:50	-	-	-	-	-	-
19-Apr-11	07:00	01:03	01:34	-	00:51	-	04:58	09:30	-	-	-	-	-
20-Apr-11	07:00	00:13	02:31	-	02:09	-	12:05	-	-	-	-	-	-
21-Apr-11	07:00	-	07:13	-	-	-	09:46	-	-	-	-	-	-
22-Apr-11	07:00	00:23	02:35	05:44	-	-	05:11	03:04	-	-	-	-	-
23-Apr-11	07:00	00:47	-	06:58	-	-	-	09:07	-	-	00:05	-	-
24-Apr-11	07:00	00:32	-	01:30	01:20	-	02:47	06:12	-	-	04:35	-	-
25-Apr-11	07:00	00:23	-	-	-	-	-	16:35	-	-	-	-	-
26-Apr-11	07:00	00:30	-	-	-	-	-	16:20	-	-	00:08	-	-
27-Apr-11	07:00	00:14	-	00:22	-	-	-	12:21	-	-	04:00	-	-
28-Apr-11	07:00	00:21	-	-	-	-	-	16:37	-	-	-	-	-
29-Apr-11	07:00	00:14	00:55	00:54	-	-	-	14:55	-	-	-	-	-
30-Apr-11	07:00	00:27	-	03:26	-	-	-	13:05	-	-	-	-	-
Total	210:00	12:00	27:14	43:09	21:05	00:00	130:07	245:15	00:00	0:19	31:44	00:00	00:00
% Used		2.35%	5.34%	8.46%	4.14%	0.00%	25.51%	48.09%	0.00%	0.06%	6.23%	0.00%	0.00%

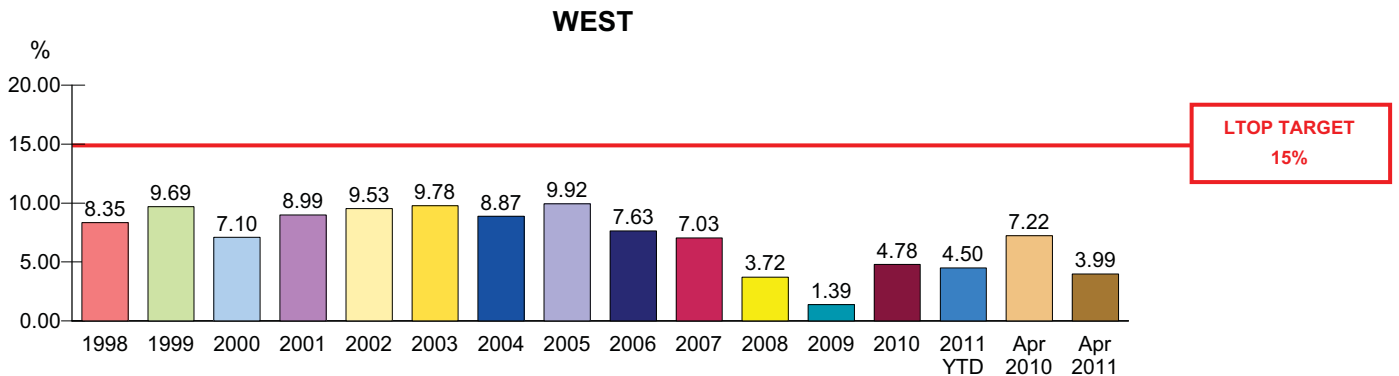
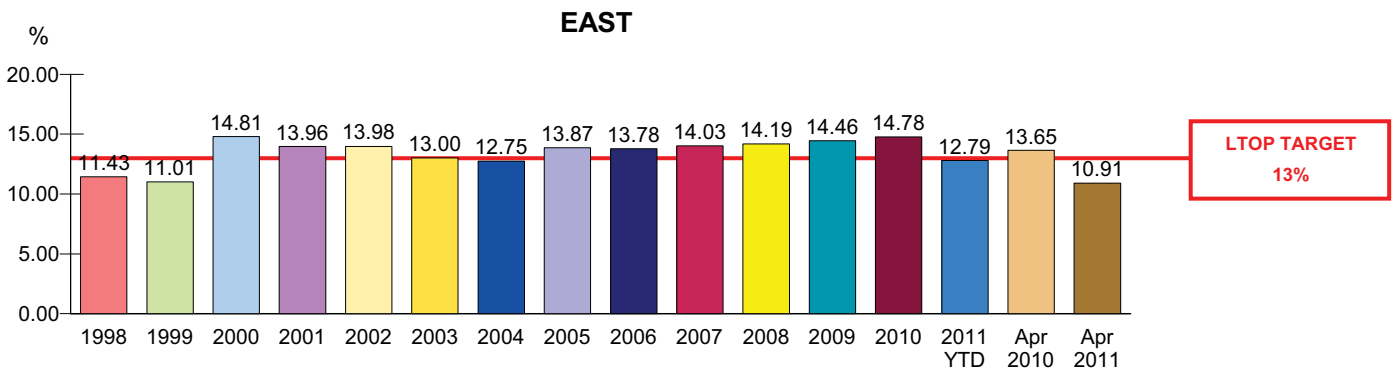
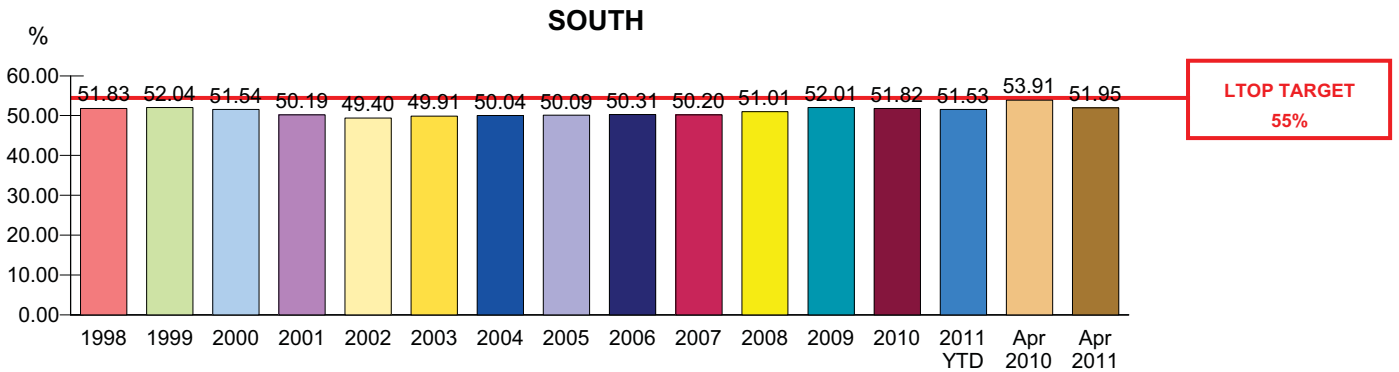
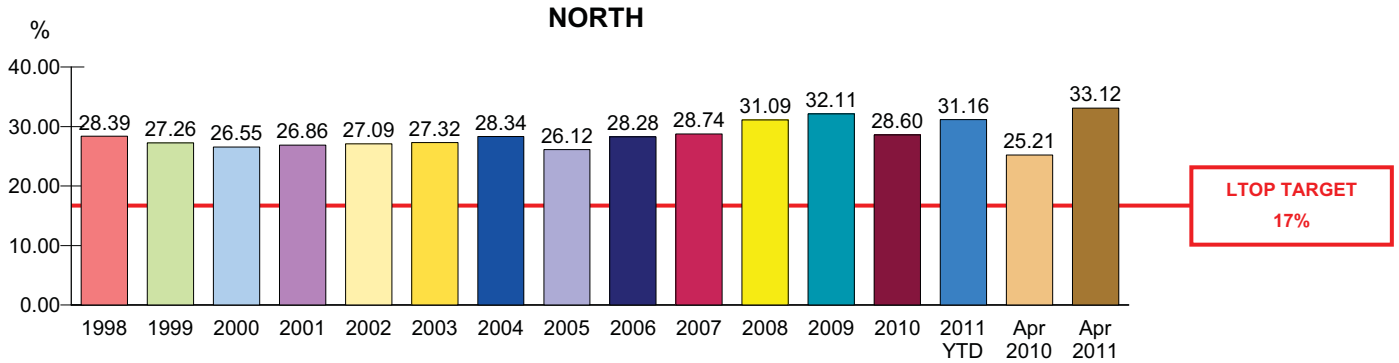
(1) Mode 15 was introduced during RESA works (commenced October 2008) and ceased being used at the completion of RESA (April 2010).

Cumulative Mode Utilisation from 1 January 2011

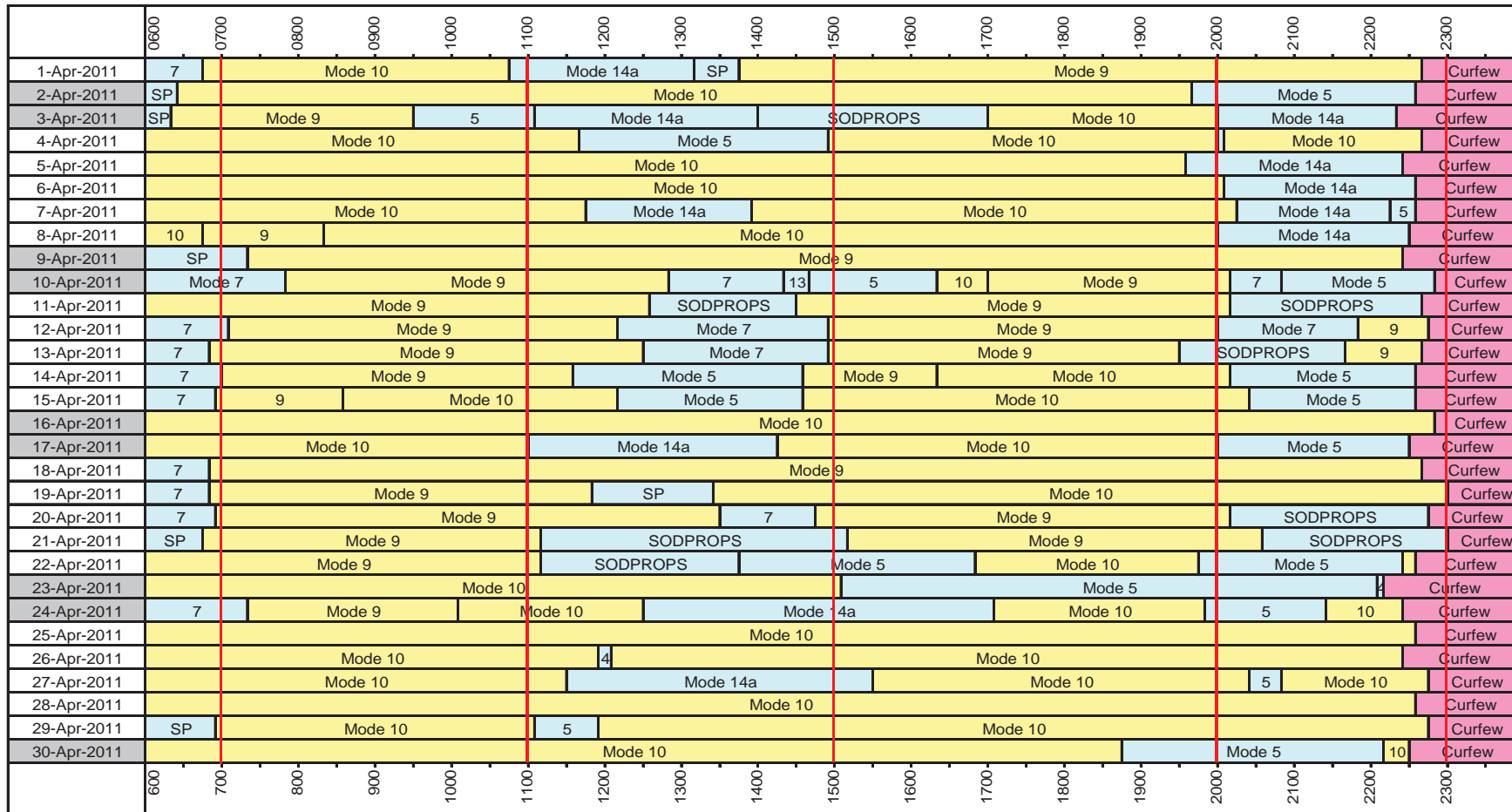
Time	2.15%	3.60%	5.37%	2.78%	0.00%	37.63%	39.71%	0.03%	0.02%	8.72%	0.00%	0.00%
Movements	0.37%	2.85%	4.00%	2.15%	0.00%	40.25%	43.18%	0.03%	0.02%	7.16%	0.00%	0.00%

Runway End Impact to 30 April 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 **April 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	
05 Apr 2011	6:57	09:23	2:26
06 Apr 2011	6:57	08:42	1:45
27 Apr 2011	6:56	09:04	2:08
28 Apr 2011	6:53	8:47	1:54

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
05 Apr 2011	86	39	47
06 Apr 2011	64	32	32
27 Apr 2011	72	32	40
28 Apr 2011	61	27	34

Complaints and complainants by suburb, specifically mentioning PRM operations

Suburb	Number of complaints	Number of complainants
-	-	-

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:

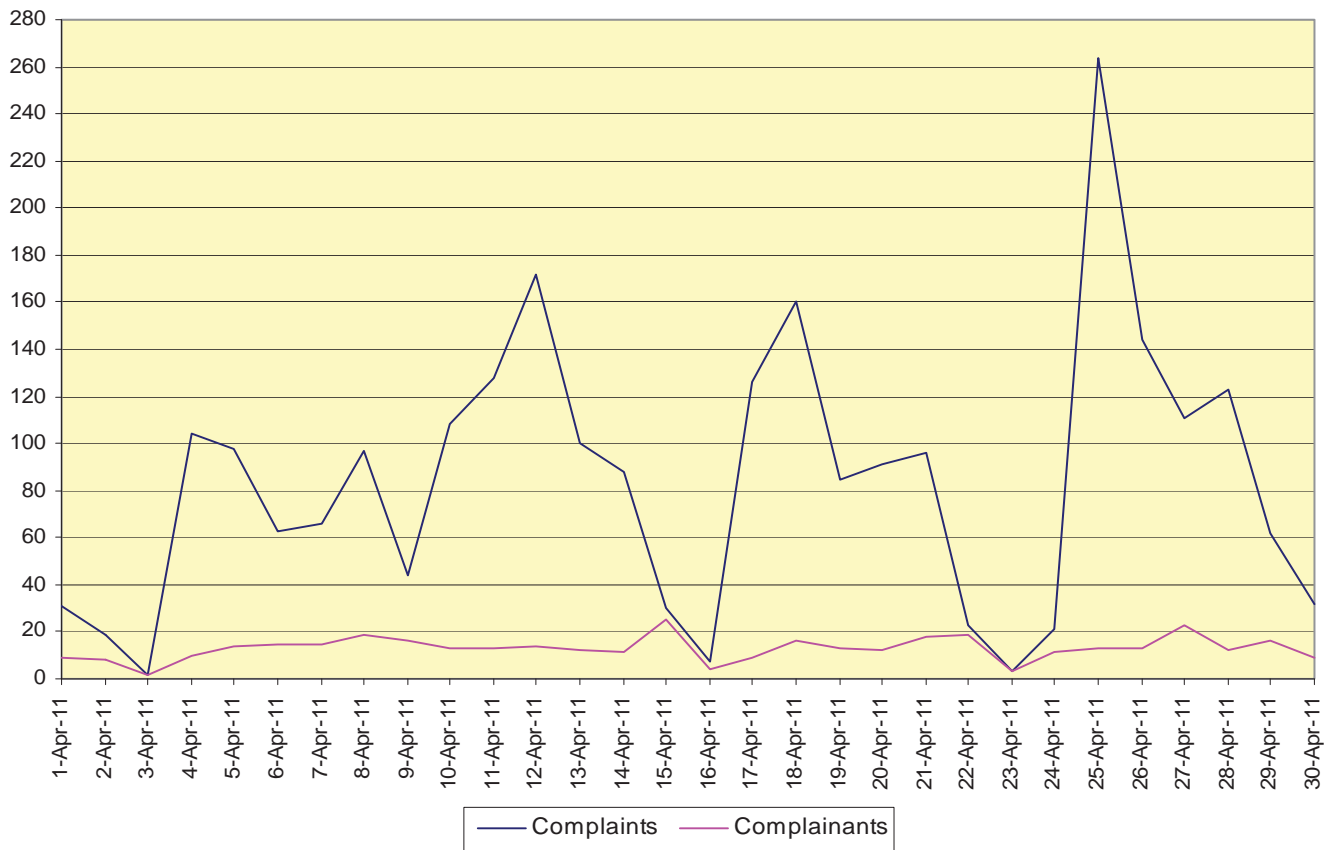
www.sacf.infrastructure.gov.au

Summary of Section Activity – April 2011

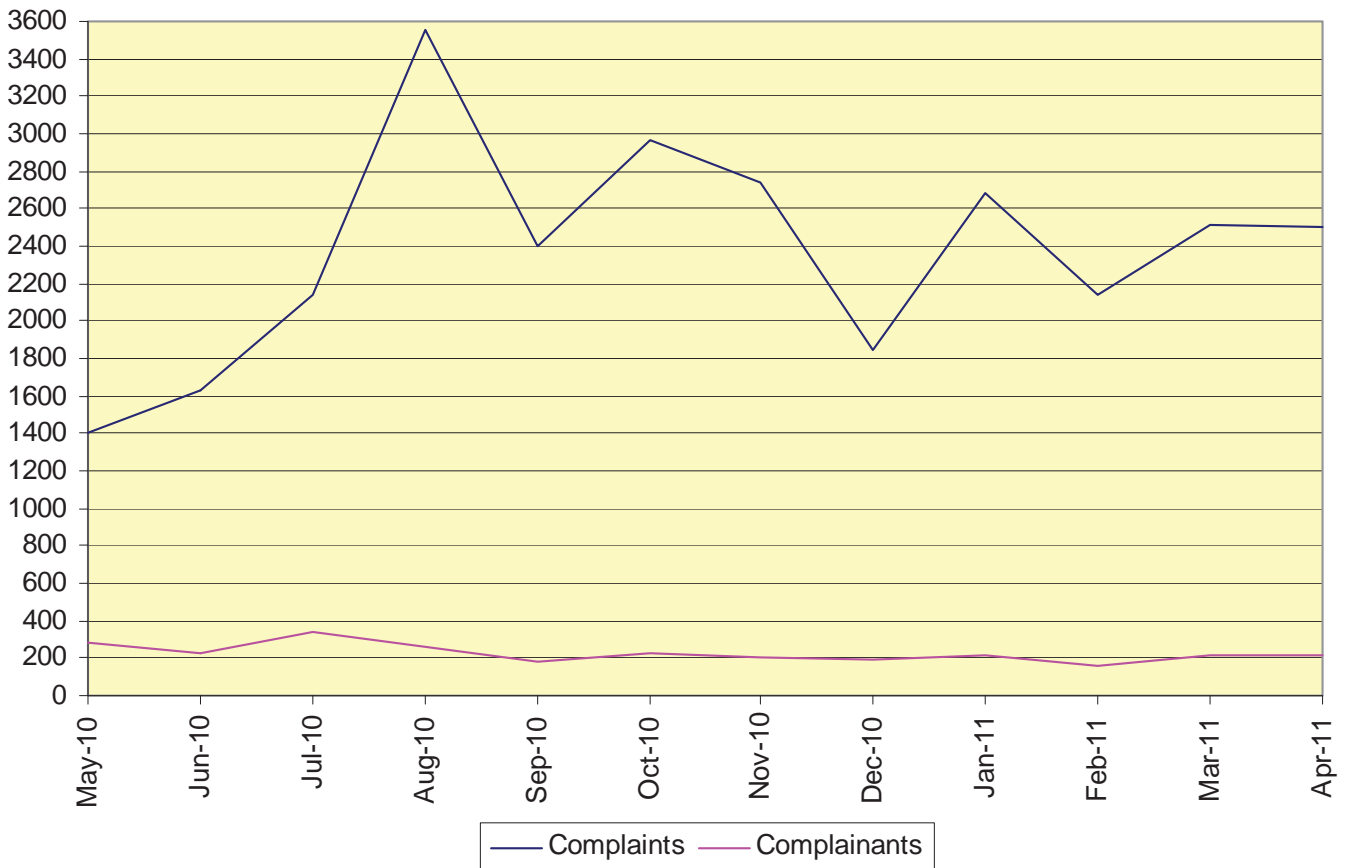
➤ Sydney Suburbs Complaints	
• By phone	278
• By correspondence	15
• By internet	451
• By e-mail	9
• By WebTrak	1745
➤ Sydney Suburbs Complaints – suburb not specified	4
➤ Sydney Suburbs Comments and Enquiries	37
➤ Other than Sydney Suburbs or Sydney Airport (NSW Only) Complaints	119
➤ Other than Sydney Suburbs or Sydney Airport (NSW Only) Comments and Enquiries	9
➤ Callback / Information Requests (NSW Only)	3496

Complaints Graphs

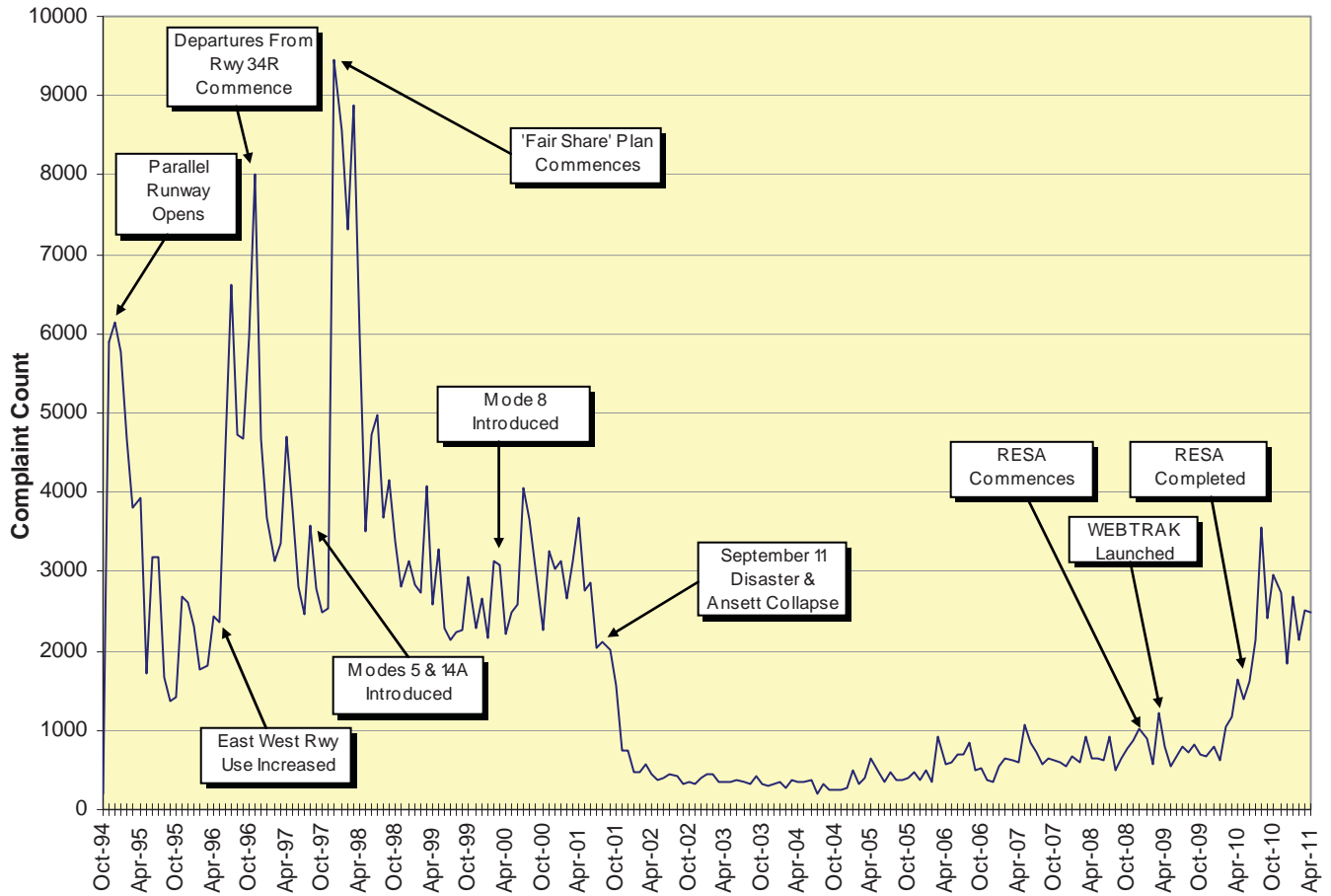
Complaints vs Complainants – 1 April to 30 April 2011



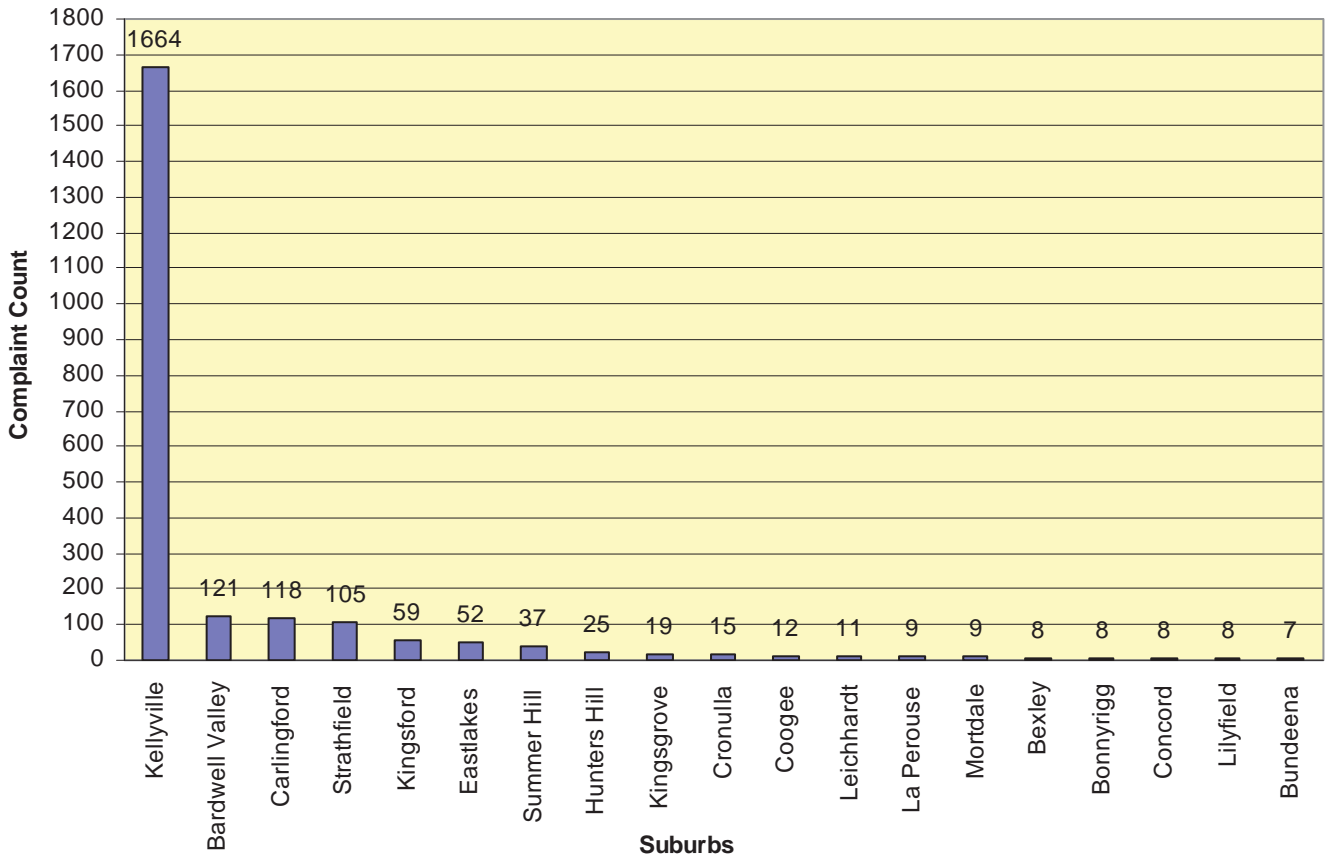
Complaints vs Complainants – Monthly



Complaints History

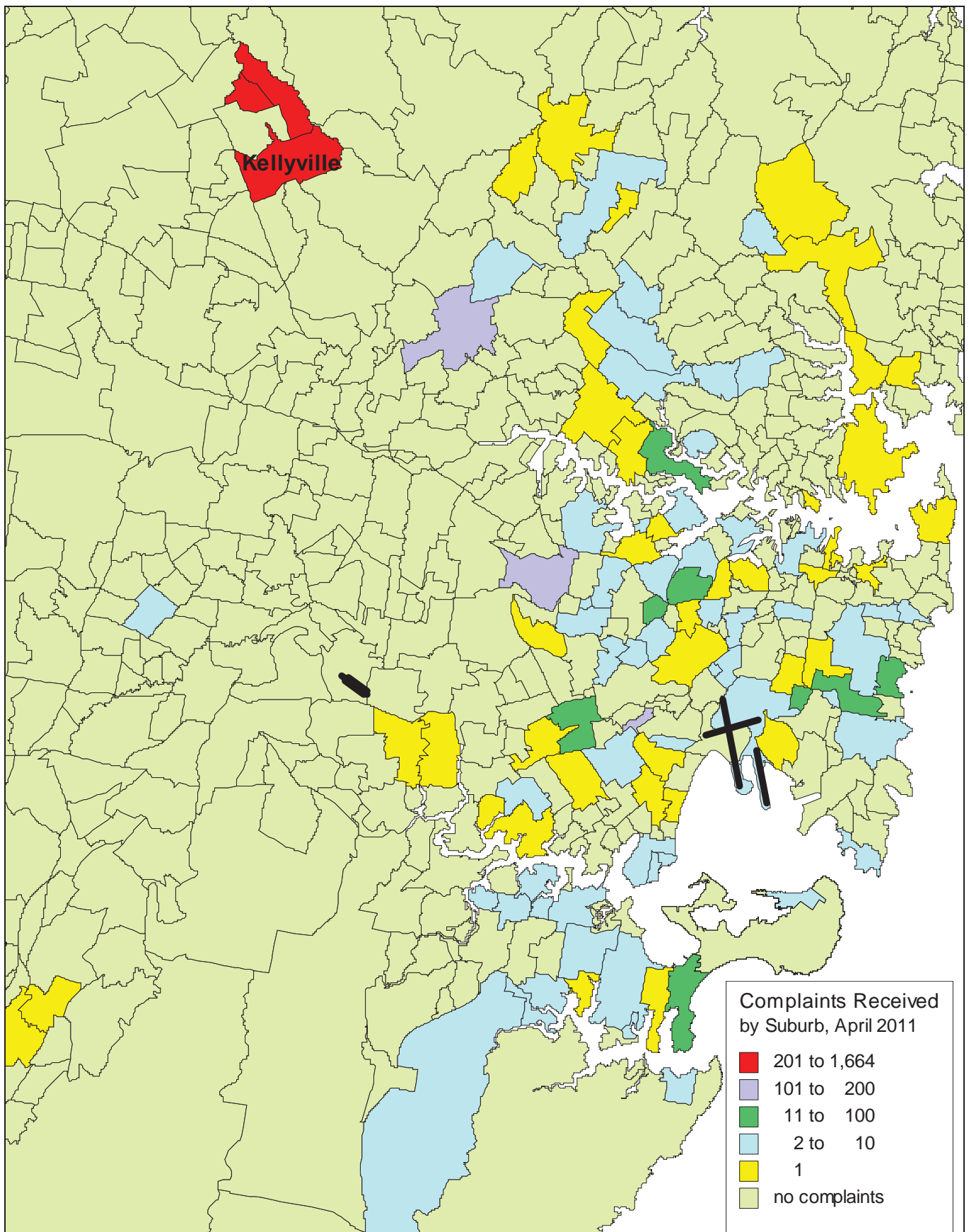


Top 20 Complaint Suburbs – 1 April to 30 April 2011



Complaint Density by Suburb

1 April to 30 April 2011



Recorded Complaints vs Complainants, by Suburb

1 April to 30 April 2011

<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>	<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>
Not Specified	4	2	Kingsgrove	19	2
Annandale	1	1	Kirribilli	1	1
Balgowlah	1	1	Kogarah	1	1
Balmain	6	2	Kurnell	3	3
Banksia	3	1	La Perouse	9	2
Bardwell Valley	121	1	Leichhardt	11	6
Beecroft	2	1	Leumeah	1	1
Belfield	1	1	Lilyfield	8	5
Belrose	1	1	Macquarie Park	2	2
Beverly Hills	1	1	Maroubra	5	3
Bexley	8	5	Marrickville	1	1
Bondi	2	2	Marsfield	1	1
Bondi Junction	2	2	Mascot	4	2
Bonnet Bay	3	2	Miranda	2	2
Bonnyrigg	8	2	Monterey	1	1
Botany	1	1	Mooney Mooney	1	1
Bundeena	7	3	Mortdale	9	2
Burwood Heights	4	1	Mosman	1	1
Campbelltown	1	1	Newtown	3	3
Canterbury	4	2	North Ryde	2	2
Caringbah	6	3	Oatley	1	1
Carlingford	118	3	Oyster Bay	6	1
Chatswood	2	1	Padstow	1	1
Chatswood West	3	1	Peakhurst Heights	1	1
Concord	8	1	Petersham	1	1
Coogee	12	7	Potts Point	1	1
Cronulla	15	13	Randwick	4	2
Croydon	2	1	Redfern	2	2
Croydon Park	3	1	Revesby	1	1
Daceyville	6	1	Riverview	5	2
Darlinghurst	1	1	Rockdale	1	1
Davidson	3	1	Rosebery	1	1
Dolans Bay	2	1	Russell Lea	1	1
Dolls Point	4	4	Ryde	1	1
Double Bay	1	1	Sandringham	6	5
Drummoyne	3	3	Sans Souci	4	3
Dulwich Hill	2	2	Seaforth	1	1
Eastlakes	52	2	St Peters	4	2
Elizabeth Bay	1	1	Stanmore	5	3
Five Dock	1	1	Stanwell Tops	1	1
Frenchs Forest	1	1	Strathfield	105	2
Gladesville	1	1	Summer Hill	37	2
Glebe	1	1	Sydenham	2	2
Grays Point	3	1	Sydney	2	2
Gymea Bay	3	3	Sydney South	1	1
Haberfield	3	1	Sylvania	3	2
Hornsby	1	1	Telopea	1	1
Hunters Hill	25	12	Vaucluse	1	1
Hurlstone Park	2	1	Wahroonga	2	2
Hurstville	1	1	Wareemba	4	1
Jannali	4	1	Warrawee	1	1
Kareela	3	3	West Pymble	5	4
Kellyville	1664	1	Westleigh	1	1
Kensington	1	1	Woolooware	1	1
Kingsford	59	7	Yowie Bay	1	1

Total Complaints **2498** **Total Complainants** **216**

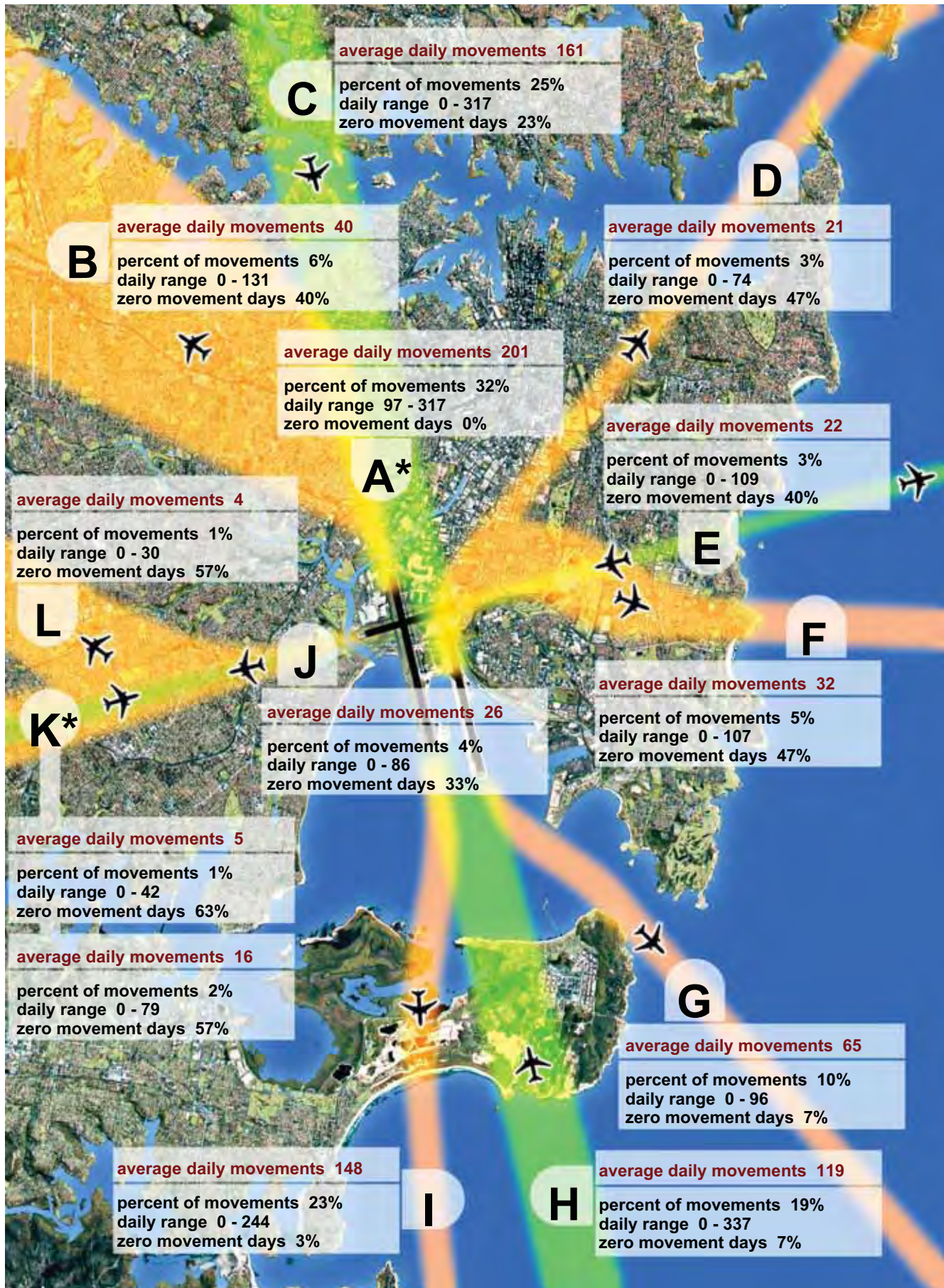
Recorded Complaints vs Complainants, by Locations/Airports Other than Sydney (NSW Only)

1 April to 30 April 2011

<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>	<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>
Bankstown	40	15	Hawkesbury	1	1
Barmedman	1	1	Murwillumbah	1	1
Branxton	1	1	Not Applicable	1	1
Camden	23	8	Not Specified	5	4
Carlingford	19	2	Nowra	1	1
Castlecrag	3	3	Port Macquarie	1	1
Chiswick	1	1	Randwick	1	1
Cooks Hill	1	1	South Murwillumbah	1	1
Coombabah	1	1	Telopea	1	1
Cudal Airport	1	1	Tyagarah	3	3
Dubbo	2	1	Williamtown	8	6
Hartley	1	1	Yarramalong	1	1
Total Complaints	119	Total Complainants	58		

Sydney Airport : Jet Flight Path Movements

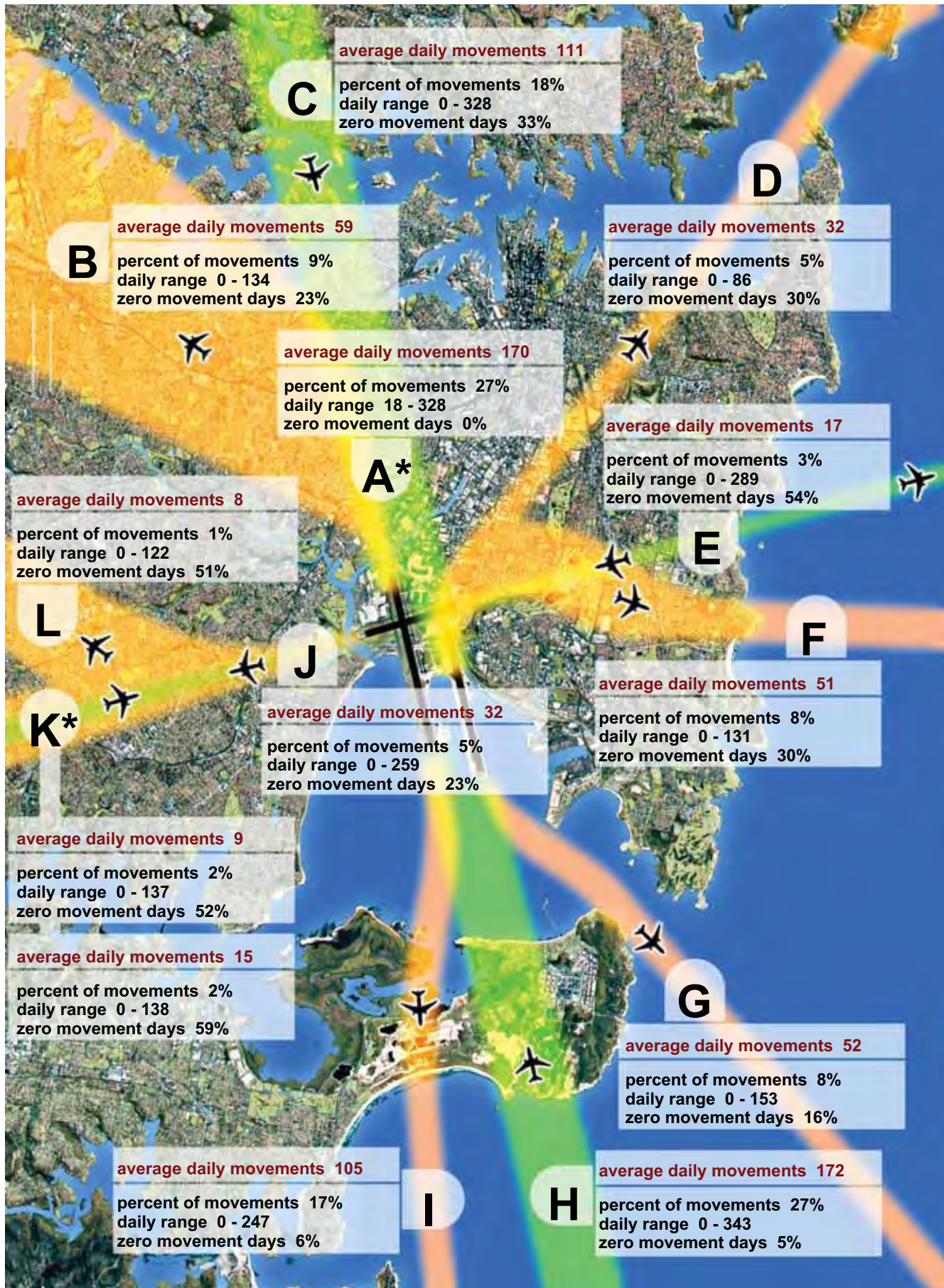
1 April 2011 to 30 April 2011, All Jets



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

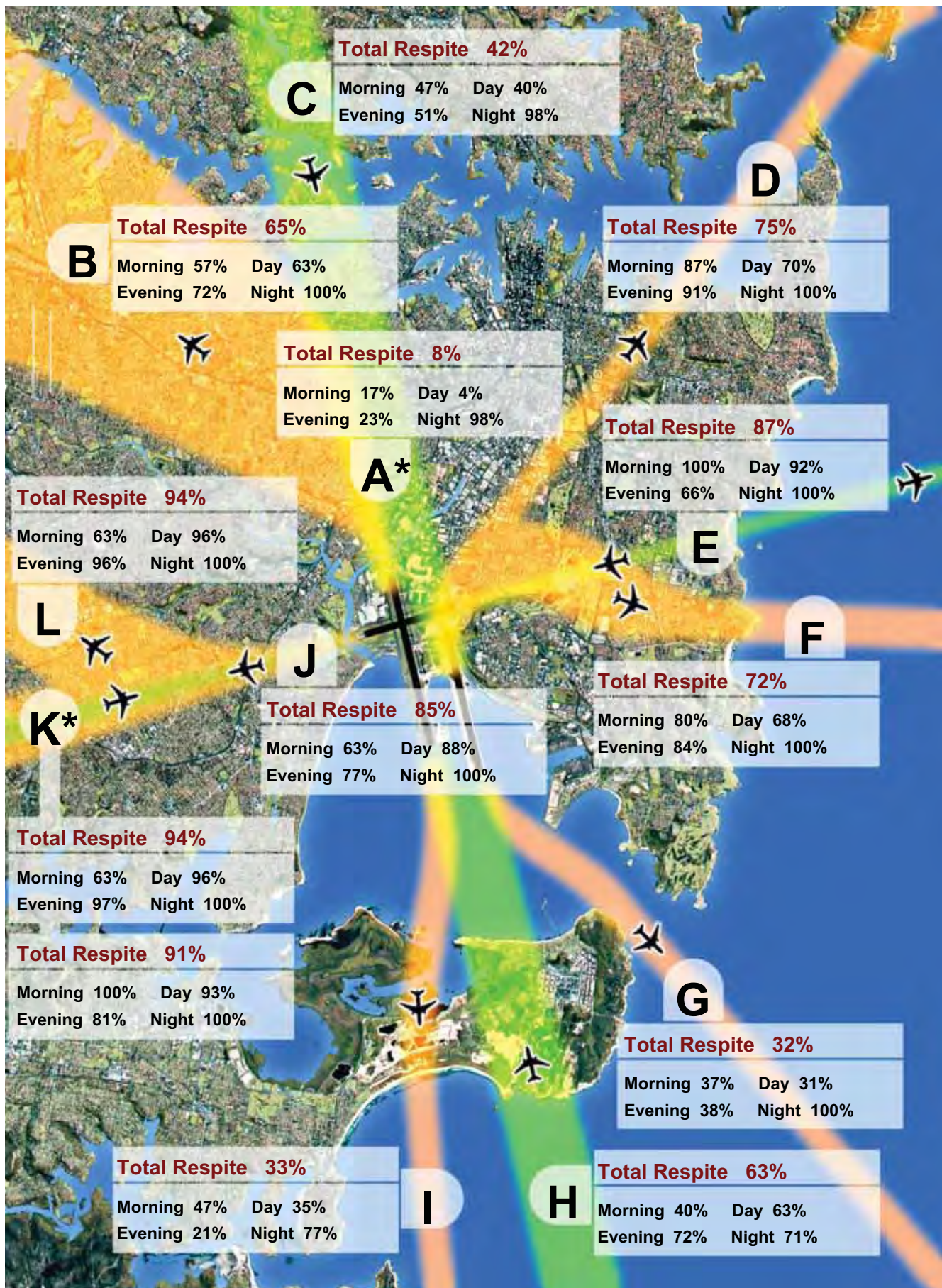
1 May 2010 to 30 April 2011, All Jets



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 April 2011 to 30 April 2011, All Jets



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

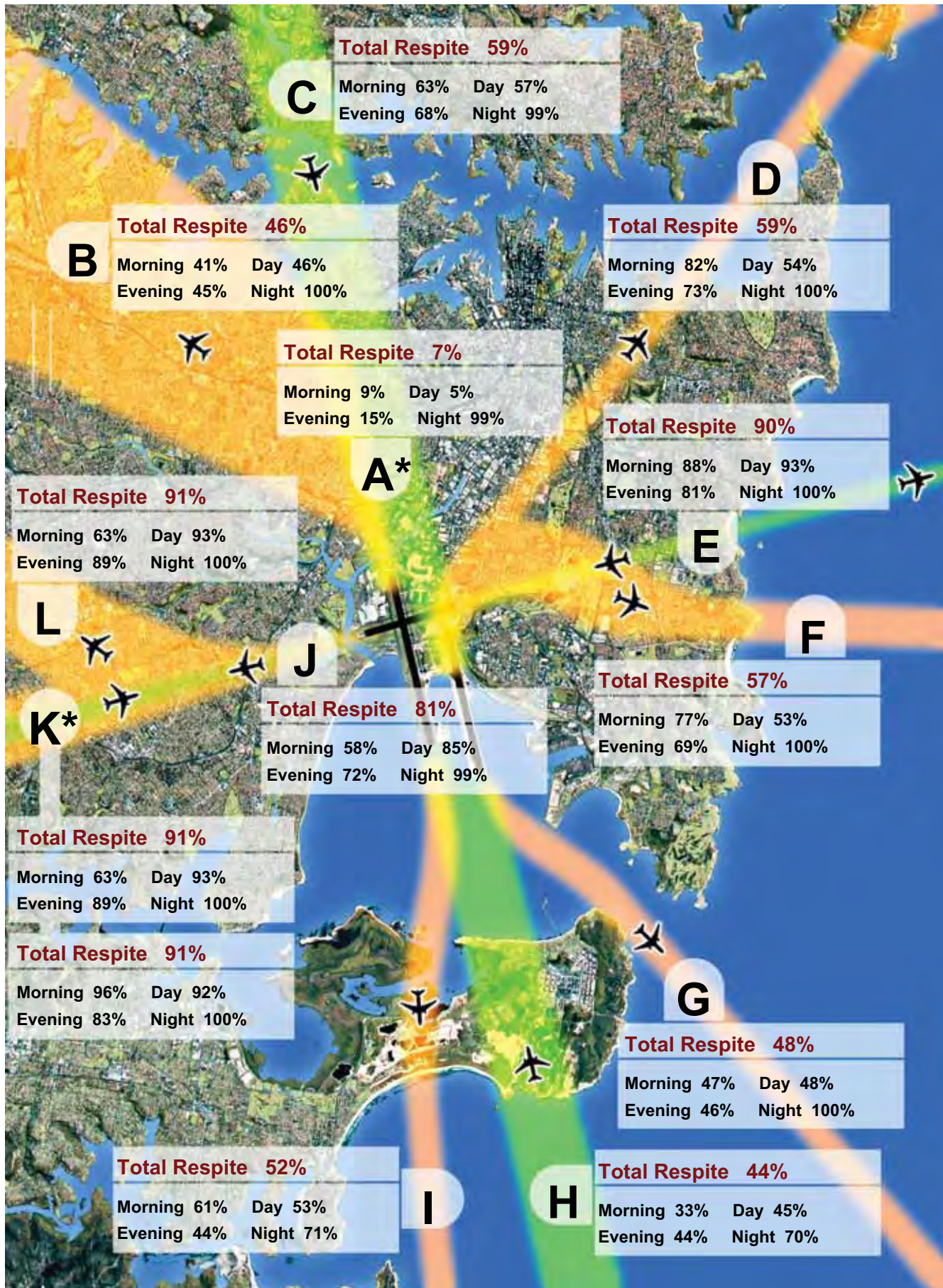
A respite interval is a 60 minute period when there are no jet movements (R60).

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 May 2010 to 30 April 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)

May 2010 to April 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 April 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 May 2010 to April 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 59%**. This means that over the period **May 2010 to April 2011 for 59%** 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 April 2011.



Figure 1. NMT sites about Sydney Airport and the daily N70 values for the month of April 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 April 2011 along with the Daily N70 values for the three months up to and including April are given in Table 1.

<i>Location</i>	<i>CNE Apr</i>	<i>Operational Days Apr</i>	<i>N70 Apr</i>	<i>N70 Mar</i>	<i>N70 Feb</i>
<i>Threshold rwy 34</i>	8,822	29.9	292	301	296
<i>Penshurst</i>	893	29.9	24	35	32
<i>Bexley</i>	996	29.9	30	42	36
<i>Sydenham</i>	5,458	29.9	182	176	173
<i>Johnston St. Annandale</i>	3,494	29.9	86	68	66
<i>Church St. St Peters</i>	4,878	29.9	108	98	98
<i>Leichhardt PEMU 36</i>	4,034	29.9	127	110	105
<i>Eastlakes</i>	1,979	29.9	58	55	58
<i>Coogee</i>	926	29.9	28	15	0
<i>Kurnell</i>	1,729	29.9	46	69	61
<i>Croydon</i>	372	29.9	9	11	12
<i>Hunters Hill</i>	6,082	29.9	83	72	74

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

The N70 values for April 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 16 PM 37 Day 234 Night 10 WE_D 260 WE_N 4	Penshurst AM 3 PM 9 Day 10 Night 0 WE_D 30 WE_N 0	Bexley AM 6 PM 9 Day 13 Night 0 WE_D 35 WE_N 0	Eastlakes AM 1 PM 9 Day 45 Night 0 WE_D 64 WE_N 0
Coogee AM 0 PM 7 Day 14 Night 0 WE_D 43 WE_N 0	Sydenham AM 10 PM 18 Day 165 Night 1 WE_D 156 WE_N 0	Leichhardt PEMU36 AM 8 PM 12 Day 108 Night 1 WE_D 121 WE_N 1	Kurnell AM 2 PM 2 Day 51 Night 0 WE_D 23 WE_N 0
Annandale AM 3 PM 5 Day 82 Night 0 WE_D 74 WE_N 0	St Peters AM 3 PM 9 Day 104 Night 0 WE_D 90 WE_N 0	Croydon AM 0 PM 2 Day 8 Night 0 WE_D 5 WE_N 0	Hunters Hill AM 8 PM 7 Day 67 Night 0 WE_D 83 WE_N 0

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.