



AIRSERVICES AUSTRALIA

Sydney Airport Operational Statistics December 2010

Produced by Environment and Climate Change

PREVIEW

Sydney Airport Operational Statistics Report Preview

December 2010

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

There were a total of 26,033 aircraft movements this month (daily average 839.77). Last month there were a total of 25,335 movements (daily average 844.50) and for the same month last year there were a total of 24,618 movements (daily average 794.13).

Mode Utilisation (refer pages 11 & 13)

Individual mode use in excess of 9 hours occurred on 24 days this month, Mode 9 on 14 days, Mode 10 on 9 days and Mode 13 on 1 day. Crossing runway modes (including Sodprops) were used for 17.99% 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 29.18% - This result is above the LTOP target but below the previous month (31.49%)

South 49.81%- This result is below the LTOP target and below the previous month (51.58%)

East 16.29% - This result is above the LTOP target and above the previous month (14.69%)

West 4.70% - This result is below the LTOP target but above the previous month (2.22%)

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

This procedure was used on 06, 15 and 17 December for a total of 4 hours and 07 minutes (ATIS time)

Noise Enquiry Service (refer pages 15-20)

A total of 1944 complaints, comments and enquiries were received as follows:

1848 Sydney suburbs complaints from 194 complainants

28 Sydney suburbs comments and enquiries

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

Measured Daily N70 Values (refer pages 27-29)

Coogee NMT was non operational from June 2010 ongoing due to site power issue.

Noise Enquiry Service Environment and Climate Change Airservices Australia

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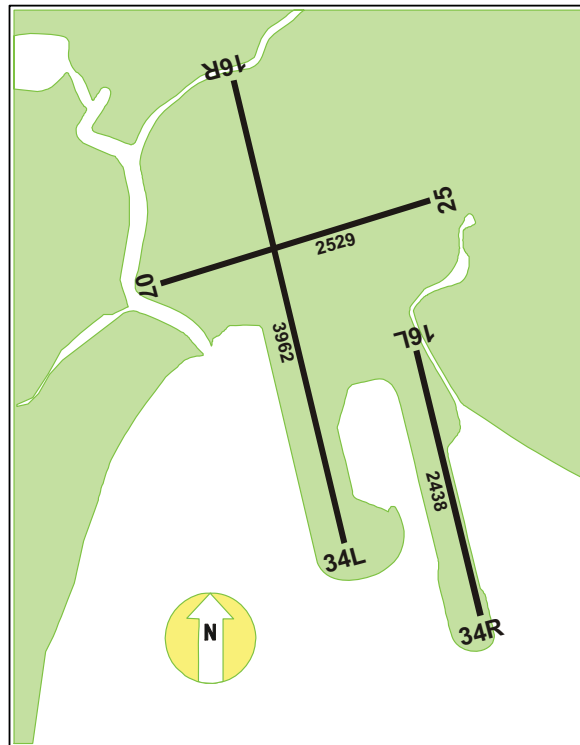
This report is available on the Internet at Airservices Australia website at

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
Runway 16L/34R
Runway 07/25

Main North-South runway
Parallel North-South runway.
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)

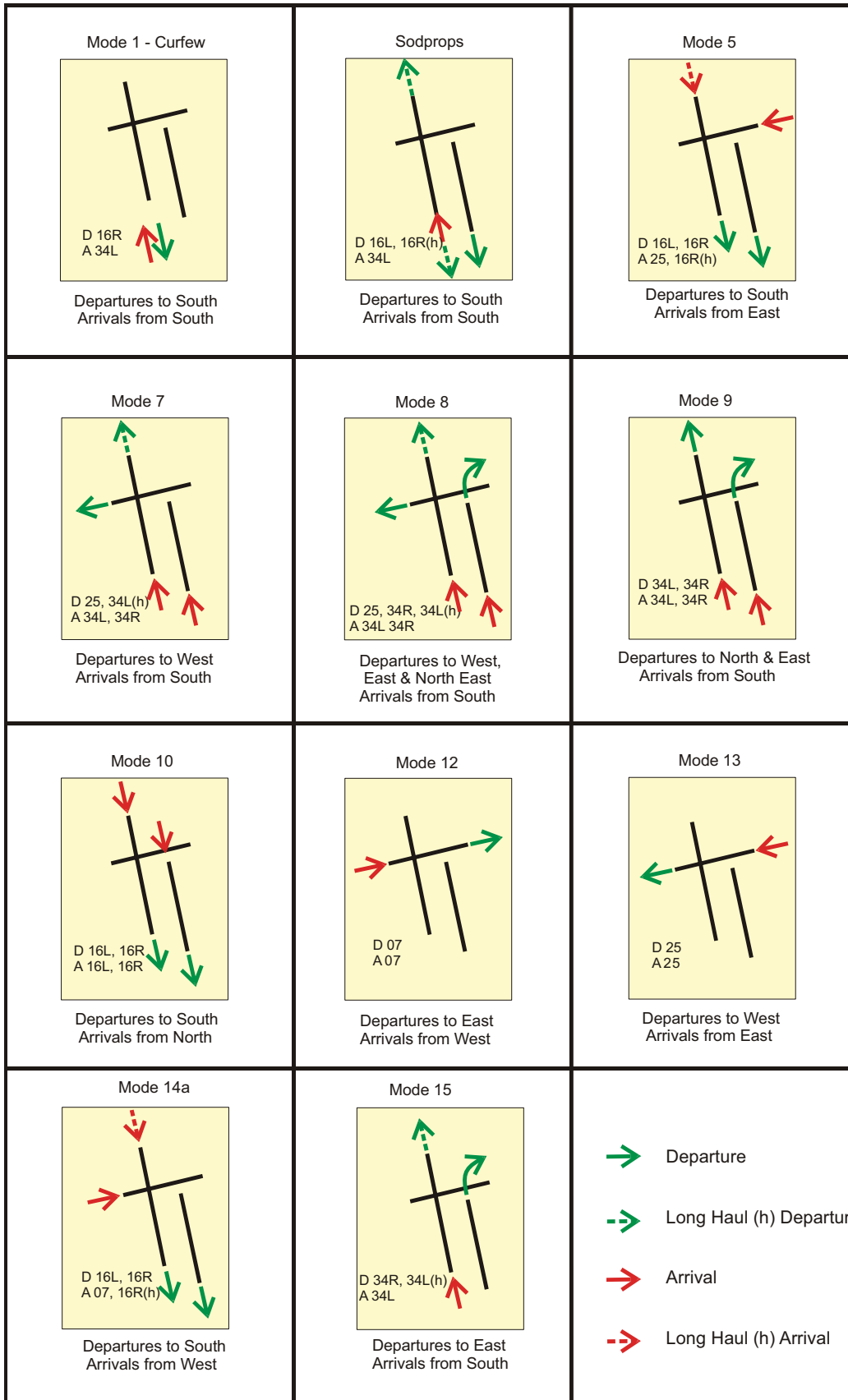
Runway 25

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

Movements over the North
Movements over the South
Movements over the East
Movements over the West

=16L(arr) + 16R(arr) + 34L(dep)
=16L(dep) + 16R(dep) + 34L(arr) + 34R(arr)
=07(dep) + 25(arr) + 34R(dep)
=07(arr) + 25(dep)

Runway Modes of Operation ¹



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

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	
1-Dec-10	1	0	1	0	0	0	4	17	21	0	0	0	286	196	482	141	218	359	0	0	0	863
2-Dec-10	0	0	0	0	0	0	0	8	8	0	0	0	287	202	489	175	255	430	0	0	0	927
3-Dec-10	2	0	2	0	0	0	0	7	7	0	0	0	291	212	503	169	246	415	0	0	0	927
4-Dec-10	2	0	2	0	8	8	0	0	0	0	8	8	275	149	424	94	178	272	0	0	0	714
5-Dec-10	41	0	41	132	124	256	207	286	493	4	0	4	0	0	0	0	0	0	0	0	0	794
6-Dec-10	64	0	64	148	127	275	197	289	486	0	0	0	28	17	45	16	17	33	0	0	0	903
7-Dec-10	12	0	12	0	5	5	4	23	27	0	0	0	274	180	454	162	239	401	0	0	0	899
8-Dec-10	2	0	2	0	0	0	0	6	6	0	0	0	310	193	503	138	254	392	0	0	0	903
9-Dec-10	3	0	3	75	55	130	113	141	254	0	0	0	171	113	284	101	153	254	0	0	0	925
10-Dec-10	0	0	0	55	46	101	78	85	163	9	13	22	204	158	362	120	164	284	0	0	0	932
11-Dec-10	2	0	2	0	19	19	0	2	2	0	0	0	285	153	438	84	176	260	0	0	0	721
12-Dec-10	1	0	1	6	46	52	7	16	23	0	0	0	279	166	445	86	172	258	0	0	0	779
13-Dec-10	83	23	106	151	125	276	196	298	494	18	0	18	2	0	2	0	0	0	0	0	0	896
14-Dec-10	79	0	79	144	147	291	207	302	509	8	0	8	9	0	9	0	0	0	0	0	0	896
15-Dec-10	37	0	37	78	72	150	98	173	271	11	0	11	162	92	254	69	126	195	0	0	0	918
16-Dec-10	5	6	11	160	144	304	230	279	509	1	0	1	45	10	55	0	9	9	0	0	0	889
17-Dec-10	26	0	26	74	60	134	97	153	250	17	17	34	163	104	267	90	125	215	0	0	0	926
18-Dec-10	1	0	1	0	4	4	1	37	38	149	109	258	155	90	245	71	110	181	0	0	0	727
19-Dec-10	9	0	9	0	3	3	2	12	14	22	17	39	230	172	402	116	197	313	0	0	0	780
20-Dec-10	0	0	0	0	0	0	0	14	14	247	259	506	108	72	180	68	76	144	0	0	0	844
21-Dec-10	1	0	1	65	83	148	83	111	194	45	58	103	170	81	251	58	83	141	0	0	0	838
22-Dec-10	67	0	67	143	127	270	213	314	527	3	0	3	8	0	8	0	0	0	0	0	0	875
23-Dec-10	2	0	2	80	54	134	109	150	259	0	19	19	171	100	271	88	124	212	0	0	0	897
24-Dec-10	109	0	109	141	135	276	202	302	504	0	1	1	3	0	3	0	0	0	0	0	0	893
25-Dec-10	1	0	1	0	34	34	0	0	0	0	0	0	284	131	415	24	134	158	0	0	0	608
26-Dec-10	1	0	1	28	20	48	50	49	99	1	115	116	178	99	277	114	94	208	0	0	0	749
27-Dec-10	1	0	1	153	123	276	241	282	523	1	0	1	1	0	1	0	0	0	0	0	0	802
28-Dec-10	53	0	53	144	122	266	203	284	487	6	0	6	1	0	1	0	0	0	0	0	0	813
29-Dec-10	0	0	0	0	10	10	0	3	3	0	0	0	302	172	474	103	225	328	0	0	0	815
30-Dec-10	0	0	0	72	84	156	109	162	271	1	1	2	157	61	218	66	98	164	0	0	0	811
31-Dec-10	1	0	1	0	0	0	1	9	10	1	1	2	279	175	454	107	195	302	0	0	0	769
Total	606	29	635	1849	1777	3626	2652	3814	6466	544	618	1162	5118	3098	8216	2260	3668	5928	0	0	0	26033

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	
1-Dec-10	0	0	0	0	0	0	4	14	18	0	0	0	236	126	362	77	180	257	0	0	0	637
2-Dec-10	0	0	0	0	0	0	0	7	7	0	0	0	235	125	360	108	212	320	0	0	0	687
3-Dec-10	0	0	0	0	0	0	0	5	5	0	0	0	235	132	367	105	206	311	0	0	0	683
4-Dec-10	1	0	1	0	8	8	0	0	0	0	3	3	233	117	350	64	156	220	0	0	0	582
5-Dec-10	31	0	31	103	92	195	174	229	403	4	0	4	0	0	0	0	0	0	0	0	0	633
6-Dec-10	55	0	55	94	88	182	158	225	383	0	0	0	24	12	36	7	14	21	0	0	0	677
7-Dec-10	10	0	10	0	5	5	4	16	20	0	0	0	219	116	335	106	196	302	0	0	0	672
8-Dec-10	0	0	0	0	0	0	0	5	5	0	0	0	244	120	364	92	213	305	0	0	0	674
9-Dec-10	1	0	1	56	39	95	89	107	196	0	0	0	134	75	209	63	125	188	0	0	0	689
10-Dec-10	0	0	0	34	36	70	70	64	134	8	12	20	155	97	252	73	137	210	0	0	0	686
11-Dec-10	0	0	0	0	17	17	0	1	1	0	0	0	246	115	361	51	154	205	0	0	0	584
12-Dec-10	0	0	0	5	43	48	7	15	22	0	0	0	241	110	351	55	146	201	0	0	0	622
13-Dec-10	66	19	85	93	85	178	164	232	396	16	0	16	2	0	2	0	0	0	0	0	0	677
14-Dec-10	60	0	60	86	104	190	178	235	413	6	0	6	7	0	7	0	0	0	0	0	0	676
15-Dec-10	28	0	28	43	53	96	85	131	216	10	0	10	131	59	190	46	105	151	0	0	0	691
16-Dec-10	2	5	7	104	107	211	189	210	399	1	0	1	31	7	38	0	5	5	0	0	0	661
17-Dec-10	16	0	16	40	41	81	83	113	196	15	17	32	128	64	192	62	104	166	0	0	0	683
18-Dec-10	0	0	0	0	4	4	1	36	37	131	93	224	124	65	189	43	91	134	0	0	0	588
19-Dec-10	7	0	7	0	3	3	2	11	13	15	13	28	188	124	312	95	163	258	0	0	0	621
20-Dec-10	0	0	0	0	0	0	0	12	12	183	191	374	93	47	140	45	70	115	0	0	0	641
21-Dec-10	1	0	1	43	66	109	67	84	151	32	46	78	147	59	206	37	68	105	0	0	0	650
22-Dec-10	54	0	54	93	93	186	179	247	426	2	0	2	5	0	5	0	0	0	0	0	0	673
23-Dec-10	1	0	1	62	42	104	88	114	202	0	16	16	135	67	202	56	99	155	0	0	0	680
24-Dec-10	77	0	77	91	97	188	162	230	392	0	0	0	2	0	2	0	0	0	0	0	0	659
25-Dec-10	0	0	0	0	30	30	0	0	0	0	0	0	261	113	374	16	126	142	0	0	0	546
26-Dec-10	0	0	0	25	18	43	48	44	92	0	84	84	158	83	241	77	79	156	0	0	0	616
27-Dec-10	0	0	0	111	96	207	211	232	443	1	0	1	0	0	0	0	0	0	0	0	0	651
28-Dec-10	43	0	43	103	85	188	170	234	404	6	0	6	1	0	1	0	0	0	0	0	0	642
29-Dec-10	0	0	0	0	10	10	0	2	2	0	0	0	257	127	384	65	191	256	0	0	0	652
30-Dec-10	0	0	0	54	65	119	88	134	222	0	0	0	138	42	180	51	89	140	0	0	0	661
31-Dec-10	0	0	0	0	0	0	0	5	5	1	0	1	233	131	364	78	171	249	0	0	0	619
Total	453	24	477	1240	1327	2567	2221	2994	5215	431	475	906	4243	2133	6376	1472	3100	4572	0	0	0	20113

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	
1-Dec-10	1	0	1	0	0	0	0	3	3	0	0	0	50	70	120	64	38	102	0	0	0	226
2-Dec-10	0	0	0	0	0	0	0	1	1	0	0	0	52	77	129	67	43	110	0	0	0	240
3-Dec-10	2	0	2	0	0	0	0	2	2	0	0	0	56	80	136	64	40	104	0	0	0	244
4-Dec-10	1	0	1	0	0	0	0	0	0	0	5	5	42	32	74	30	22	52	0	0	0	132
5-Dec-10	10	0	10	29	32	61	33	57	90	0	0	0	0	0	0	0	0	0	0	0	0	161
6-Dec-10	9	0	9	54	39	93	39	64	103	0	0	0	4	5	9	9	3	12	0	0	0	226
7-Dec-10	2	0	2	0	0	0	0	7	7	0	0	0	55	64	119	56	43	99	0	0	0	227
8-Dec-10	2	0	2	0	0	0	0	1	1	0	0	0	66	73	139	46	41	87	0	0	0	229
9-Dec-10	2	0	2	19	16	35	24	34	58	0	0	0	37	38	75	38	28	66	0	0	0	236
10-Dec-10	0	0	0	21	10	31	8	21	29	1	1	2	49	61	110	47	27	74	0	0	0	246
11-Dec-10	2	0	2	0	2	2	0	1	1	0	0	0	39	38	77	33	22	55	0	0	0	137
12-Dec-10	1	0	1	1	3	4	0	1	1	0	0	0	38	56	94	31	26	57	0	0	0	157
13-Dec-10	17	4	21	58	40	98	32	66	98	2	0	2	0	0	0	0	0	0	0	0	0	219
14-Dec-10	19	0	19	58	43	101	29	67	96	2	0	2	2	0	2	0	0	0	0	0	0	220
15-Dec-10	9	0	9	35	19	54	13	42	55	1	0	1	31	33	64	23	21	44	0	0	0	227
16-Dec-10	3	1	4	56	37	93	41	69	110	0	0	0	14	3	17	0	4	4	0	0	0	228
17-Dec-10	10	0	10	34	19	53	14	40	54	2	0	2	35	40	75	28	21	49	0	0	0	243
18-Dec-10	1	0	1	0	0	0	0	1	1	18	16	34	31	25	56	28	19	47	0	0	0	139
19-Dec-10	2	0	2	0	0	0	0	1	1	7	4	11	42	48	90	21	34	55	0	0	0	159
20-Dec-10	0	0	0	0	0	0	0	2	2	64	68	132	15	25	40	23	6	29	0	0	0	203
21-Dec-10	0	0	0	22	17	39	16	27	43	13	12	25	23	22	45	21	15	36	0	0	0	188
22-Dec-10	13	0	13	50	34	84	34	67	101	1	0	1	3	0	3	0	0	0	0	0	0	202
23-Dec-10	1	0	1	18	12	30	21	36	57	0	3	3	36	33	69	32	25	57	0	0	0	217
24-Dec-10	32	0	32	50	38	88	40	72	112	0	1	1	1	0	1	0	0	0	0	0	0	234
25-Dec-10	1	0	1	0	4	4	0	0	0	0	0	0	23	18	41	8	8	16	0	0	0	62
26-Dec-10	1	0	1	3	2	5	2	5	7	1	31	32	20	16	36	37	15	52	0	0	0	133
27-Dec-10	1	0	1	42	27	69	30	50	80	0	0	0	1	0	1	0	0	0	0	0	0	151
28-Dec-10	10	0	10	41	37	78	33	50	83	0	0	0	0	0	0	0	0	0	0	0	0	171
29-Dec-10	0	0	0	0	0	0	0	1	1	0	0	0	45	45	90	38	34	72	0	0	0	163
30-Dec-10	0	0	0	18	19	37	21	28	49	1	1	2	19	19	38	15	9	24	0	0	0	150
31-Dec-10	1	0	1	0	0	0	1	4	5	0	1	1	46	44	90	29	24	53	0	0	0	150
Total	153	5	158	609	450	1059	431	820	1251	113	143	256	875	965	1840	788	568	1356	0	0	0	5920

(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
1-Dec-10	4	0	1	1	2	0	29	45	59	58	49	49	51	59	44	58	55	50	55	58	58	39	31	8	863
2-Dec-10	3	1	0	1	3	0	28	56	63	66	61	64	59	39	53	51	56	59	75	61	48	41	33	6	927
3-Dec-10	2	2	1	2	1	3	33	61	75	73	61	59	57	43	50	58	56	63	60	66	41	37	22	1	927
4-Dec-10	0	0	0	1	0	0	21	52	64	62	57	49	52	42	42	42	45	41	45	37	26	19	17	0	714
5-Dec-10	0	0	0	0	0	0	22	41	50	51	47	54	50	39	42	58	55	60	71	58	39	39	18	0	794
6-Dec-10	1	0	0	0	0	0	32	70	70	64	60	55	63	46	47	54	53	60	72	52	37	34	31	2	903
7-Dec-10	5	1	2	1	3	0	29	68	73	63	62	56	57	40	49	55	49	53	66	62	36	38	28	3	899
8-Dec-10	2	1	1	3	2	0	33	64	71	68	60	50	54	46	47	54	52	59	64	52	43	41	31	5	903
9-Dec-10	3	0	2	2	1	0	33	67	67	73	62	58	58	38	50	51	58	70	69	60	36	37	25	5	925
10-Dec-10	3	0	3	3	2	1	34	64	71	62	53	70	57	46	49	57	56	63	74	71	40	32	21	0	932
11-Dec-10	0	0	0	1	0	0	26	50	66	62	46	52	56	41	41	41	43	41	45	36	30	24	19	1	721
12-Dec-10	0	0	0	1	0	0	26	34	43	54	49	51	49	40	43	53	55	58	67	60	35	34	26	1	779
13-Dec-10	1	0	1	0	0	0	34	61	67	63	69	61	53	39	61	54	46	60	74	55	34	34	24	5	896
14-Dec-10	5	3	3	1	1	2	34	66	71	65	63	55	50	42	39	53	53	57	65	62	37	36	29	4	896
15-Dec-10	3	2	2	2	3	2	34	62	73	70	62	61	50	42	52	47	53	58	65	66	39	36	28	6	918
16-Dec-10	3	1	2	1	2	2	34	66	67	65	58	53	56	39	28	32	44	60	56	70	59	45	37	9	889
17-Dec-10	7	1	0	1	3	0	36	57	70	66	72	51	57	48	49	54	58	61	68	67	42	33	22	3	926
18-Dec-10	1	1	1	0	0	0	23	53	65	60	53	50	58	35	37	46	44	44	46	40	29	26	15	0	727
19-Dec-10	0	0	0	1	0	0	22	39	45	53	52	49	54	41	44	51	55	38	52	67	52	32	32	1	780
20-Dec-10	0	0	0	0	0	0	23	62	64	48	48	48	49	55	52	47	45	47	50	57	60	51	31	7	844
21-Dec-10	2	3	1	2	1	1	21	60	62	59	53	44	46	54	55	46	49	58	66	49	35	39	29	3	838
22-Dec-10	8	2	0	3	2	1	29	57	74	62	59	59	53	42	45	47	49	56	66	55	40	34	28	4	875
23-Dec-10	7	4	1	4	1	1	25	62	64	60	64	57	52	40	51	49	51	62	66	60	38	41	33	4	897
24-Dec-10	4	3	1	3	1	1	29	58	68	57	63	57	55	45	46	54	55	61	64	56	43	39	29	1	893
25-Dec-10	0	0	0	1	0	0	18	38	44	53	48	43	49	33	35	32	38	40	32	36	30	26	12	0	608
26-Dec-10	0	0	0	1	0	0	24	40	49	47	50	53	46	41	48	45	48	53	63	47	28	41	25	0	749
27-Dec-10	0	0	0	0	1	0	30	50	56	48	62	54	56	38	52	44	49	56	55	56	33	36	25	1	802
28-Dec-10	0	1	0	0	0	1	27	55	64	53	60	59	56	35	52	55	50	59	60	50	34	29	13	0	813
29-Dec-10	0	1	1	0	1	0	28	56	61	59	51	53	49	38	51	43	50	62	61	52	37	31	23	7	815
30-Dec-10	2	0	1	2	1	0	31	52	59	58	53	53	51	37	49	53	50	57	57	50	37	36	19	3	811
31-Dec-10	3	2	3	2	0	2	31	50	60	59	47	50	51	37	45	48	54	56	52	43	28	31	13	2	769
Total	69	29	27	40	31	17	879	1716	1955	1861	1754	1677	1654	1300	1448	1532	1574	1722	1881	1711	1204	1091	769	92	26033
Avg.	2.23	0.94	0.87	1.29	1.00	0.55	28.35	55.35	63.06	60.03	56.58	54.10	53.35	41.94	46.71	49.42	50.77	55.55	60.68	55.19	38.84	35.19	24.81	2.97	839.77

(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
1-Dec-10	1	0	1	0	1	0	10	27	30	29	24	27	25	31	22	22	26	26	28	32	30	22	16	2	432
2-Dec-10	1	0	0	1	1	0	10	29	34	33	32	32	25	19	30	20	30	32	37	26	28	26	11	5	462
3-Dec-10	0	0	1	1	1	2	13	35	42	32	33	32	20	19	28	25	27	32	34	31	23	21	10	0	462
4-Dec-10	0	0	0	1	0	0	8	38	35	25	28	20	24	23	23	22	19	25	26	18	15	12	9	0	371
5-Dec-10	0	0	0	0	0	0	9	27	24	25	20	22	15	17	23	27	27	32	36	28	24	21	7	0	384
6-Dec-10	1	0	0	0	0	0	13	40	39	29	28	27	27	23	25	23	29	33	34	20	22	24	14	2	453
7-Dec-10	0	0	2	0	2	0	13	37	41	30	32	33	22	19	27	22	26	28	32	27	18	26	14	1	452
8-Dec-10	0	1	1	1	1	0	13	38	37	32	30	29	18	23	25	26	24	32	31	20	26	25	13	4	450
9-Dec-10	0	0	2	1	0	0	14	36	39	35	29	31	22	14	33	21	33	31	35	25	23	25	11	3	463
10-Dec-10	2	0	1	2	1	1	14	38	34	33	33	31	16	23	28	25	24	34	41	36	20	20	9	0	466
11-Dec-10	0	0	0	0	0	0	13	36	36	24	22	24	28	20	24	17	22	24	22	19	16	15	9	0	371
12-Dec-10	0	0	0	1	0	0	15	22	19	25	23	23	12	22	24	21	28	32	31	28	18	25	10	0	379
13-Dec-10	0	0	1	0	0	0	14	35	38	31	37	30	21	17	36	20	23	31	40	22	19	22	11	2	450
14-Dec-10	2	2	2	0	1	0	14	39	40	31	32	25	21	20	20	23	29	27	35	25	22	23	12	2	447
15-Dec-10	0	1	2	0	2	2	13	34	40	35	29	33	21	17	32	16	27	29	35	30	22	24	10	1	455
16-Dec-10	1	0	1	0	2	1	13	41	38	28	31	29	20	19	12	19	19	34	27	33	31	22	15	5	441
17-Dec-10	2	0	0	1	1	0	21	34	39	34	34	26	21	22	31	19	30	31	35	31	22	19	13	1	467
18-Dec-10	0	1	1	0	0	0	11	38	37	22	24	27	26	16	23	22	21	25	25	17	17	17	7	0	377
19-Dec-10	0	0	0	0	0	0	12	22	24	23	27	17	19	17	27	20	30	21	27	32	25	19	16	1	379
20-Dec-10	0	0	0	0	0	0	7	37	40	23	24	25	24	26	17	18	25	25	25	28	32	32	15	0	423
21-Dec-10	1	1	0	1	1	0	6	37	39	28	26	22	23	15	31	21	25	30	32	24	24	23	11	1	422
22-Dec-10	3	0	0	2	2	0	10	35	40	28	31	28	22	17	25	22	22	33	34	21	24	23	10	2	434
23-Dec-10	4	0	1	2	0	1	8	36	36	31	32	29	18	19	32	22	21	36	30	26	24	25	17	0	450
24-Dec-10	2	0	1	1	1	1	13	35	40	23	29	29	20	21	25	24	27	34	33	25	30	26	15	0	455
25-Dec-10	0	0	0	1	0	0	9	25	21	24	21	20	25	16	17	17	19	22	15	20	17	17	3	0	309
26-Dec-10	0	0	0	0	0	0	14	24	27	18	23	21	12	21	29	19	22	27	39	25	16	24	11	0	372
27-Dec-10	0	0	0	0	0	0	13	28	31	20	32	27	19	14	28	18	25	31	29	26	19	24	12	1	397
28-Dec-10	0	1	0	0	0	0	12	28	34	23	33	30	24	13	31	24	24	30	28	28	21	19	4	0	407
29-Dec-10	0	0	1	0	1	0	11	35	30	24	25	25	21	17	28	13	31	29	30	27	21	21	10	5	405
30-Dec-10	0	0	1	1	0	0	14	31	31	22	26	27	21	17	29	19	27	32	30	22	22	23	8	2	405
31-Dec-10	0	1	1	1	0	2	14	31	31	26	26	23	20	18	24	17	33	30	26	24	18	18	5	0	389
Total	20	8	20	18	18	10	374	1028	1066	846	876	824	652	595	809	644	795	918	962	796	689	683	338	40	13029
Avg.	0.65	0.26	0.65	0.58	0.58	0.32	12.06	33.16	34.39	27.29	28.26	26.58	21.03	19.19	26.10	20.77	25.65	29.61	31.03	25.68	22.23	22.03	10.90	1.29	420.29

(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
1-Dec-10	3	0	0	1	1	0	19	18	29	29	25	22	26	28	22	36	29	24	27	26	28	17	15	6	431
2-Dec-10	2	1	0	0	2	0	18	27	29	33	29	32	34	20	23	31	26	27	38	35	20	15	22	1	465
3-Dec-10	2	2	0	1	0	1	20	26	33	41	28	27	37	24	22	33	29	31	26	35	18	16	12	1	465
4-Dec-10	0	0	0	0	0	0	13	14	29	37	29	29	28	19	19	20	26	16	19	19	11	7	8	0	343
5-Dec-10	0	0	0	0	0	0	13	14	26	26	27	32	35	22	19	31	28	28	35	30	15	18	11	0	410
6-Dec-10	0	0	0	0	0	0	19	30	31	35	32	28	36	23	22	31	24	27	38	32	15	10	17	0	450
7-Dec-10	5	1	0	1	1	0	16	31	32	33	30	23	35	21	22	33	23	25	34	35	18	12	14	2	447
8-Dec-10	2	0	0	2	1	0	20	26	34	36	30	21	36	23	22	28	28	27	33	32	17	16	18	1	453
9-Dec-10	3	0	0	1	1	0	19	31	28	38	33	27	36	24	17	30	25	39	34	35	13	12	14	2	462
10-Dec-10	1	0	2	1	1	0	20	26	37	29	20	39	41	23	21	32	32	29	33	35	20	12	12	0	466
11-Dec-10	0	0	0	1	0	0	13	14	30	38	24	28	28	21	17	24	21	17	23	17	14	9	10	1	350
12-Dec-10	0	0	0	0	0	0	11	12	24	29	26	28	37	18	19	32	27	26	36	32	17	9	16	1	400
13-Dec-10	1	0	0	0	0	0	20	26	29	32	32	31	32	22	25	34	23	29	34	33	15	12	13	3	446
14-Dec-10	3	1	1	1	0	2	20	27	31	34	31	30	29	22	19	30	24	30	30	37	15	13	17	2	449
15-Dec-10	3	1	0	2	1	0	21	28	33	35	33	28	29	25	20	31	26	29	30	36	17	12	18	5	463
16-Dec-10	2	1	1	1	0	1	21	25	29	37	27	24	36	20	16	13	25	26	29	37	28	23	22	4	448
17-Dec-10	5	1	0	0	2	0	15	23	31	32	38	25	36	26	18	35	28	30	33	36	20	14	9	2	459
18-Dec-10	1	0	0	0	0	0	12	15	28	38	29	23	32	19	14	24	23	19	21	23	12	9	8	0	350
19-Dec-10	0	0	0	1	0	0	10	17	21	30	25	32	35	24	17	31	25	17	25	35	27	13	16	0	401
20-Dec-10	0	0	0	0	0	0	16	25	24	25	24	23	25	29	35	29	20	22	25	29	28	19	16	7	421
21-Dec-10	1	2	1	1	0	1	15	23	23	31	27	22	23	39	24	25	24	28	34	25	11	16	18	2	416
22-Dec-10	5	2	0	1	0	1	19	22	34	34	28	31	31	25	20	25	27	23	32	34	16	11	18	2	441
23-Dec-10	3	4	0	2	1	0	17	26	28	29	32	28	34	21	19	27	30	26	36	34	14	16	16	4	447
24-Dec-10	2	3	0	2	0	0	16	23	28	34	34	28	35	24	21	30	28	27	31	31	13	13	14	1	438
25-Dec-10	0	0	0	0	0	0	9	13	23	29	27	23	24	17	18	15	19	18	17	16	13	9	9	0	299
26-Dec-10	0	0	0	1	0	0	10	16	22	29	27	32	34	20	19	26	26	26	24	22	12	17	14	0	377
27-Dec-10	0	0	0	0	1	0	17	22	25	28	30	27	37	24	24	26	24	25	26	30	14	12	13	0	405
28-Dec-10	0	0	0	0	0	1	15	27	30	30	27	29	32	22	21	31	26	29	32	22	13	10	9	0	406
29-Dec-10	0	1	0	0	0	0	17	21	31	35	26	28	28	21	23	30	19	33	31	25	16	10	13	2	410
30-Dec-10	2	0	0	1	1	0	17	21	28	36	27	26	30	20	20	34	23	25	27	28	15	13	11	1	406
31-Dec-10	3	1	2	1	0	0	17	19	29	33	21	27	31	19	21	31	21	26	26	19	10	13	8	2	380
Total	49	21	7	22	13	7	505	688	889	1015	878	853	1002	705	639	888	779	804	919	915	515	408	431	52	13004
Avg.	1.58	0.68	0.23	0.71	0.42	0.23	16.29	22.19	28.68	32.74	28.32	27.52	32.32	22.74	20.61	28.65	25.13	25.94	29.65	29.52	16.61	13.16	13.90	1.68	419.48

(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-Dec-10	07:00	00:01	-	-	-	-	16:44	00:13	-	-	-	-	-
02-Dec-10	07:00	00:14	-	-	-	-	16:44	-	-	-	-	-	-
03-Dec-10	07:00	00:21	-	-	-	-	16:37	-	-	-	-	-	-
04-Dec-10	07:00	00:29	00:52	-	00:09	-	15:28	-	-	-	-	-	-
05-Dec-10	07:00	01:37	-	00:39	-	-	-	13:27	-	-	02:14	-	-
06-Dec-10	07:00	00:09	-	-	-	-	01:19	11:41	-	-	03:48	-	-
07-Dec-10	07:00	00:12	-	-	-	-	15:43	-	-	-	01:03	-	-
08-Dec-10	07:00	00:13	-	-	-	-	16:45	-	-	-	-	-	-
09-Dec-10	07:00	00:07	-	-	-	-	09:40	07:11	-	-	-	-	-
10-Dec-10	07:00	00:24	01:00	-	-	-	10:23	04:38	-	00:31	-	-	-
11-Dec-10	07:00	00:26	01:23	-	-	-	15:09	-	-	-	-	-	-
12-Dec-10	07:00	00:26	03:18	-	-	-	12:35	00:39	-	-	-	-	-
13-Dec-10	07:00	00:27	-	00:54	-	-	-	11:24	01:03	-	03:10	-	-
14-Dec-10	07:00	00:07	-	00:41	-	-	-	12:01	-	-	04:08	-	-
15-Dec-10	07:00	00:17	-	00:59	-	-	08:39	05:04	-	-	01:58	-	-
16-Dec-10	07:00	-	00:45	-	-	-	01:19	14:31	-	-	00:23	-	-
17-Dec-10	07:00	00:24	-	00:47	01:51	-	07:31	05:03	-	-	01:21	-	-
18-Dec-10	07:00	00:34	-	02:36	00:52	-	08:05	-	-	04:50	-	-	-
19-Dec-10	07:00	00:22	-	-	-	-	14:42	-	-	00:56	00:57	-	-
20-Dec-10	07:00	00:06	-	-	-	-	06:18	-	-	10:34	-	-	-
21-Dec-10	07:00	00:17	02:58	-	01:09	-	05:07	05:28	-	01:57	-	-	-
22-Dec-10	07:00	00:18	-	-	-	-	-	13:09	-	-	03:31	-	-
23-Dec-10	07:00	00:15	-	-	00:55	-	08:28	07:19	-	-	-	-	-
24-Dec-10	07:00	00:22	-	-	-	-	-	11:27	-	-	05:09	-	-
25-Dec-10	07:00	00:32	03:00	-	-	-	13:26	-	-	-	-	-	-
26-Dec-10	07:00	00:10	-	-	05:46	-	07:10	03:51	-	-	-	-	-
27-Dec-10	07:00	00:15	-	00:15	-	-	-	16:28	-	-	-	-	-
28-Dec-10	07:00	00:41	-	00:57	-	-	-	12:39	-	-	02:40	-	-
29-Dec-10	07:00	00:27	00:46	-	-	-	15:45	-	-	-	-	-	-
30-Dec-10	07:00	00:40	00:59	-	-	-	07:20	07:58	-	-	-	-	-
31-Dec-10	07:00	00:19	-	-	-	-	16:39	-	-	-	-	-	-
Total	217:00	11:41	15:06	7:51	10:46	00:00	267:48	164:23	1:03	18:50	30:27	00:00	00:00
% Used		2.22%	2.87%	1.49%	2.04%	0.00%	50.82%	31.19%	0.20%	3.58%	5.78%	0.00%	0.00%

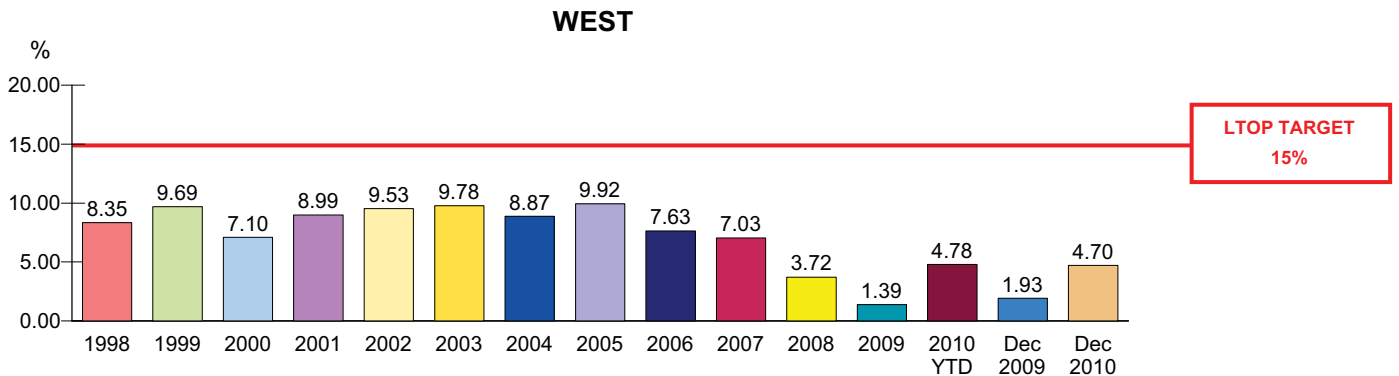
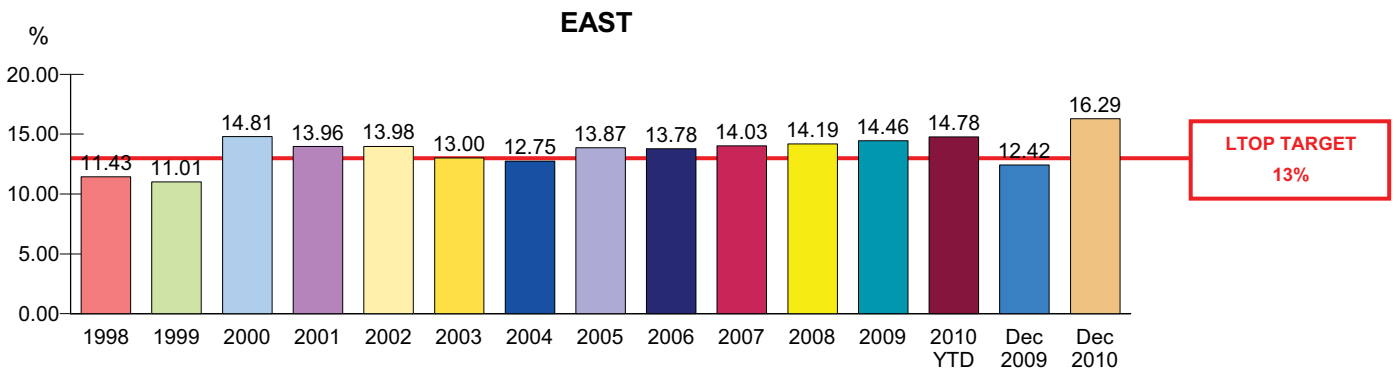
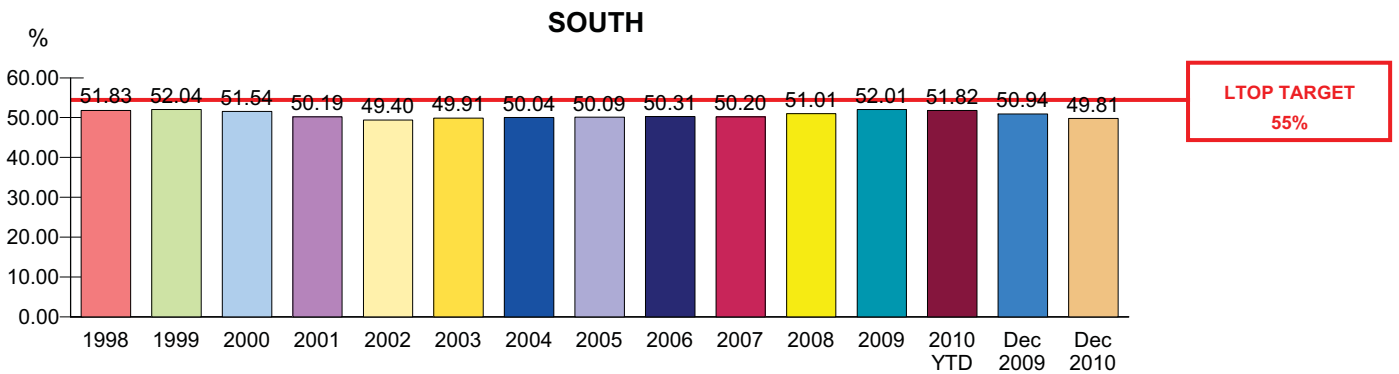
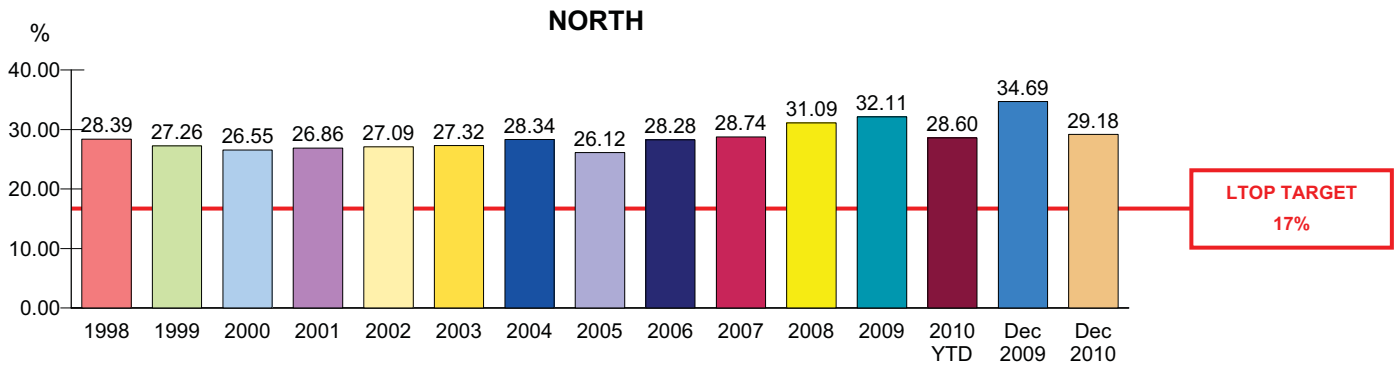
(1) Mode 15 was introduced during RESA works (commenced October 2008) and ceased being used at the completion of RESA (April 2010).

Cumulative Mode Utilisation from 1 January 2010

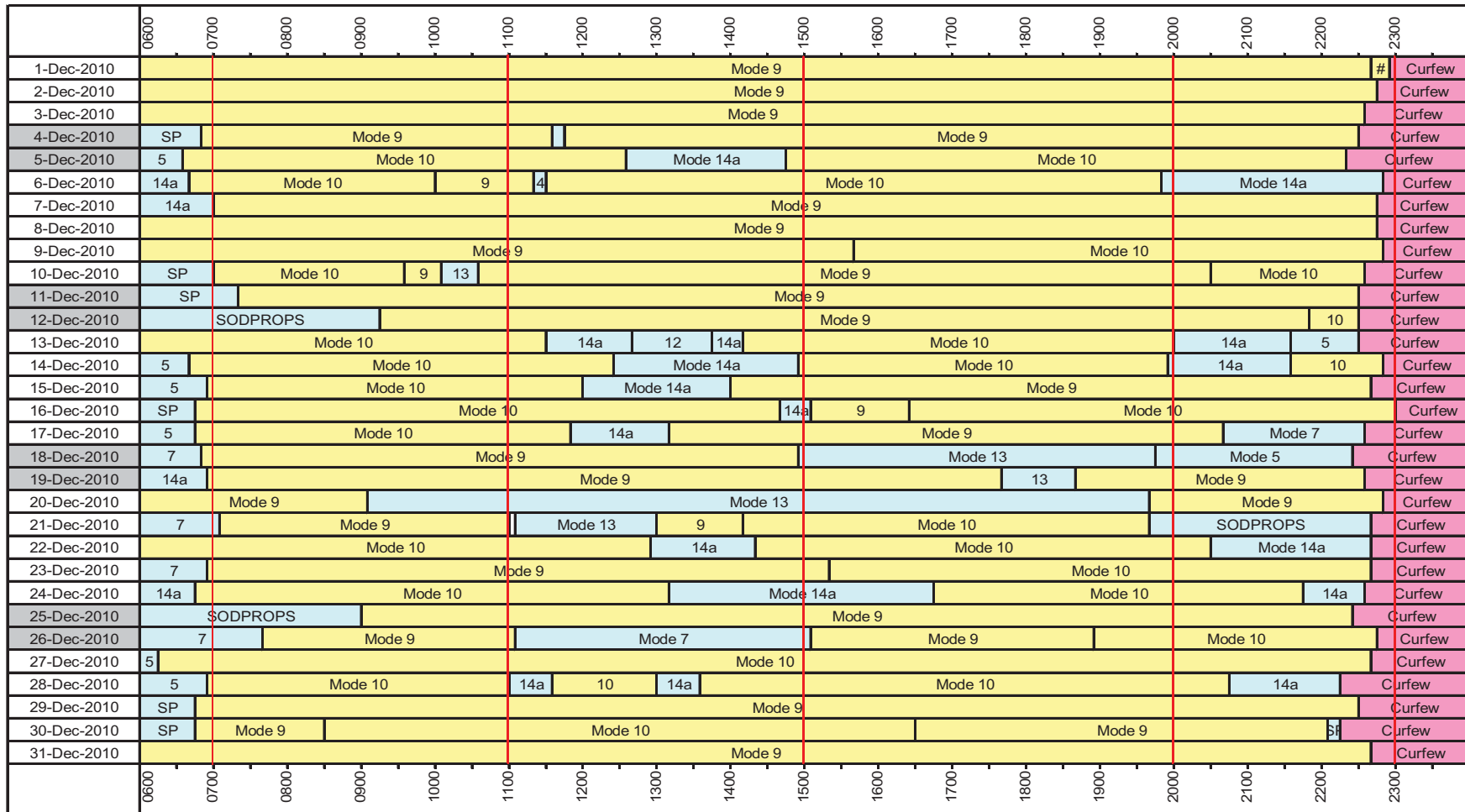
Time	2.26%	6.86%	4.81%	5.89%	0.00%	39.01%	32.11%	0.07%	1.53%	5.07%	2.38%	0.01%
Movements	0.35%	5.25%	3.69%	4.78%	0.00%	43.32%	35.33%	0.05%	1.42%	4.05%	1.75%	0.00%

Runway End Impact to 31 December 2010

Includes comparisons with annual figures for 1998 to 2009, 2010 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

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 **December 2010**.

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

Date	PRM		Hours of PRM operation
	Start Time	End Time	
06 Dec 2010	7:06	7:39	0:33
15 Dec 2010	7:02	9:14	2:12
17 Dec 2010	7:20	8:42	1:22

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
06 Dec 2010	25	11	14
15 Dec 2010	84	38	46
17 Dec 2010	54	24	30

Complaints and complainants by suburb, specifically mentioning PRM operations

Suburb	Number of complaints	Number of complainants
Galston	4	1
Hornsby Heights	3	1
Pymble	2	1

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

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:

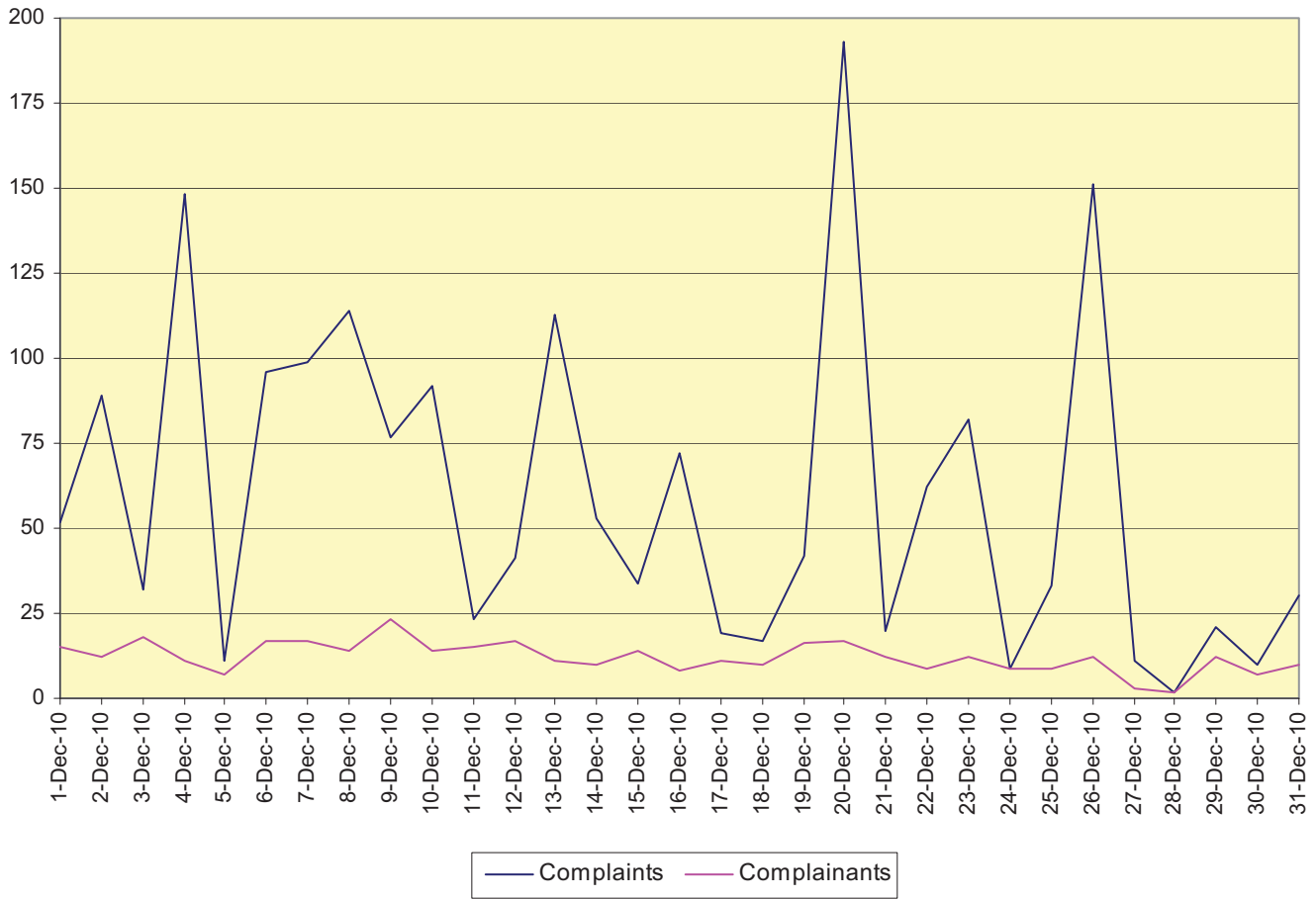
www.sacf.infrastructure.gov.au

Summary of Section Activity – December 2010

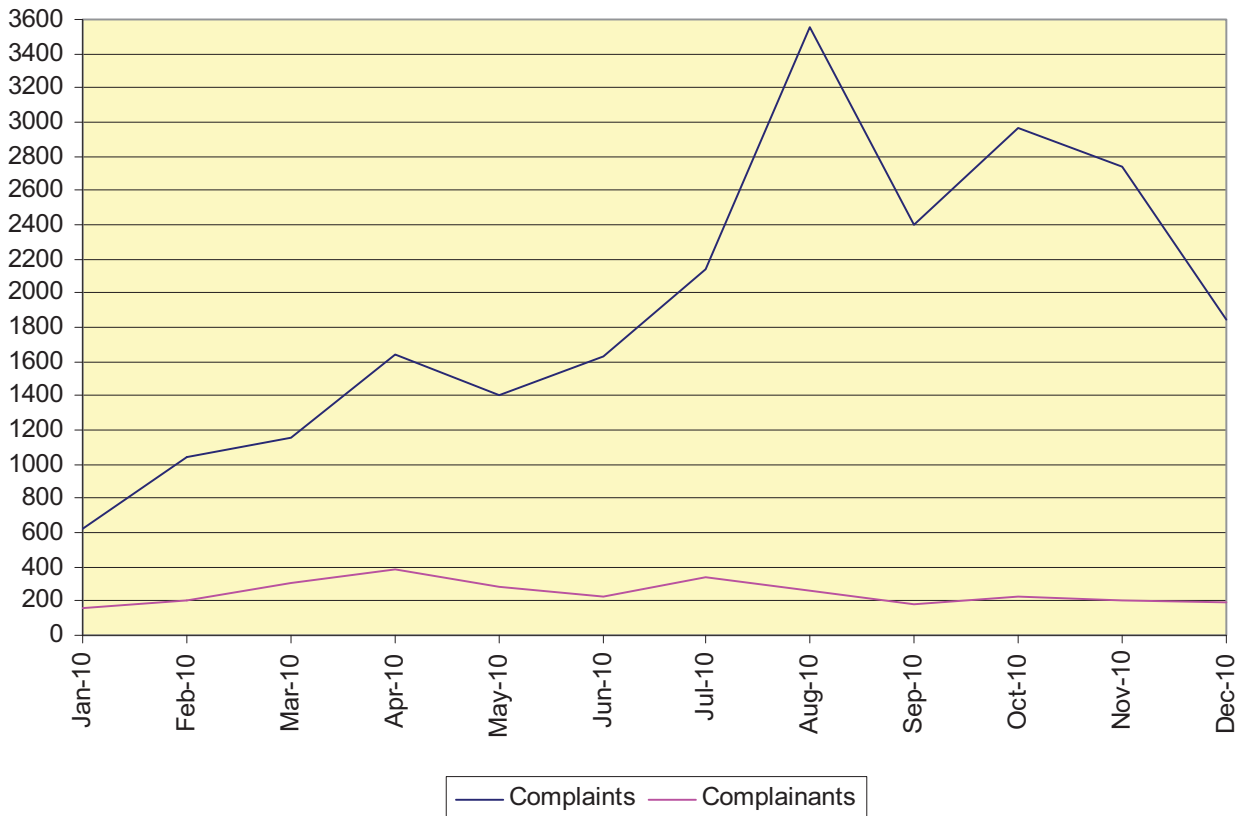
➤ Sydney Suburbs Complaints	
• By phone	303
• By correspondence.....	26
• By internet	168
• By e-mail.....	251
• By WebTrak.....	1100
➤ Sydney Suburbs Complaints – suburb not specified	4
➤ Sydney Suburbs Comments and Enquiries.....	28
➤ Other than Sydney Suburbs or Sydney Airport (NSW Only) Complaints	78
➤ Other than Sydney Suburbs or Sydney Airport (NSW Only) Comments and Enquiries.....	9
➤ Callback / Information Requests (NSW Only)	430

Complaints Graphs

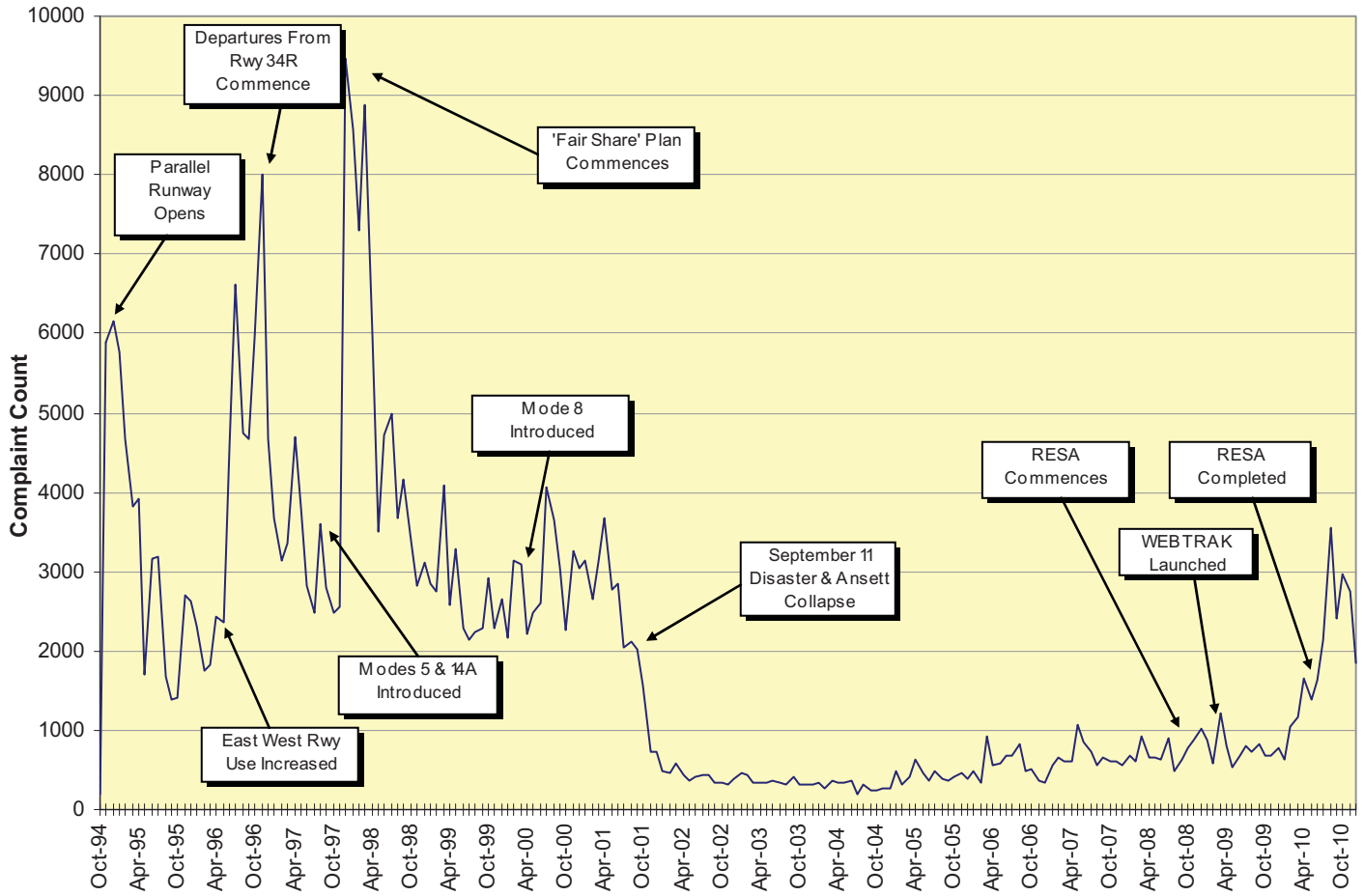
Complaints vs Complainants – 1 December to 31 December 2010



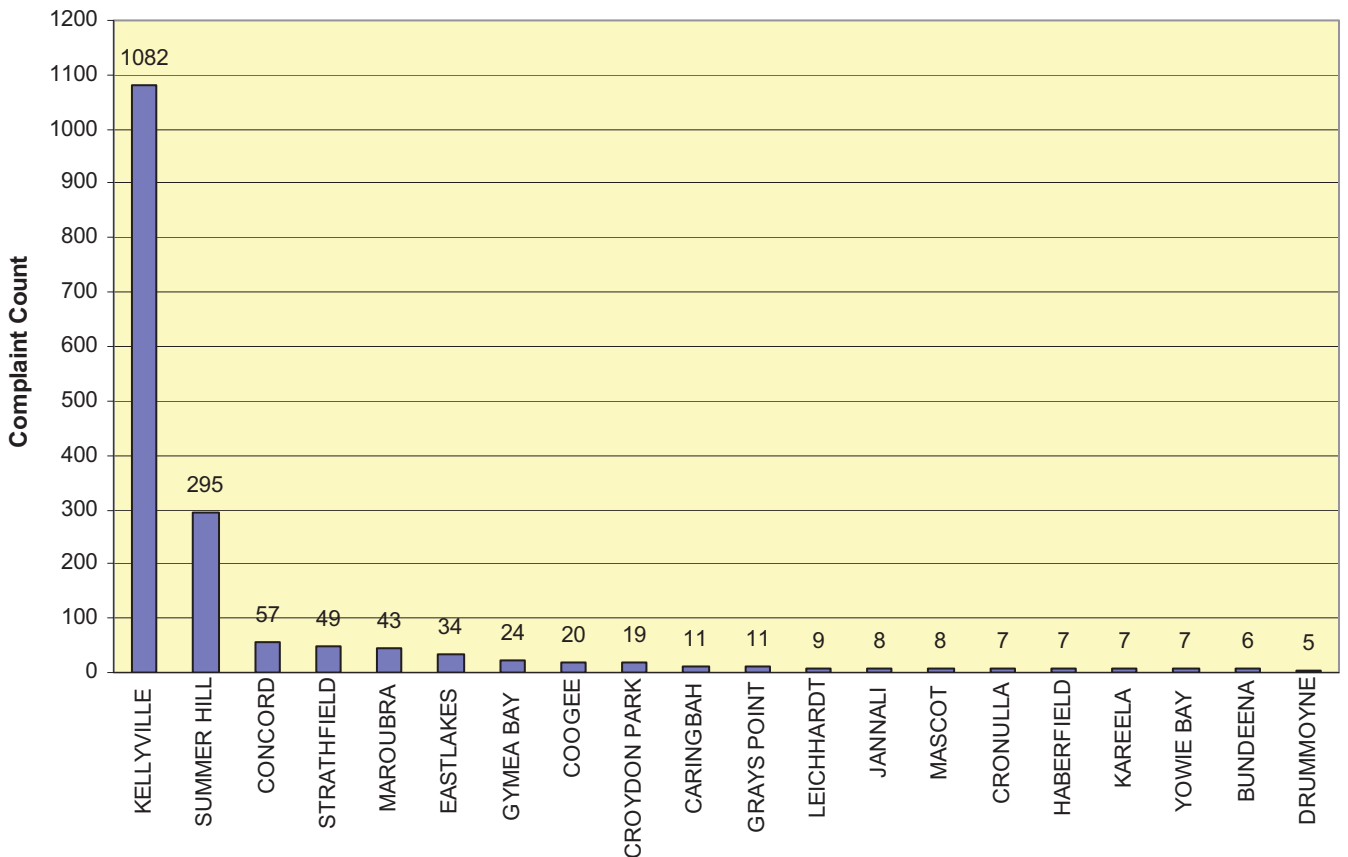
Complaints vs Complainants – Monthly



Complaints History

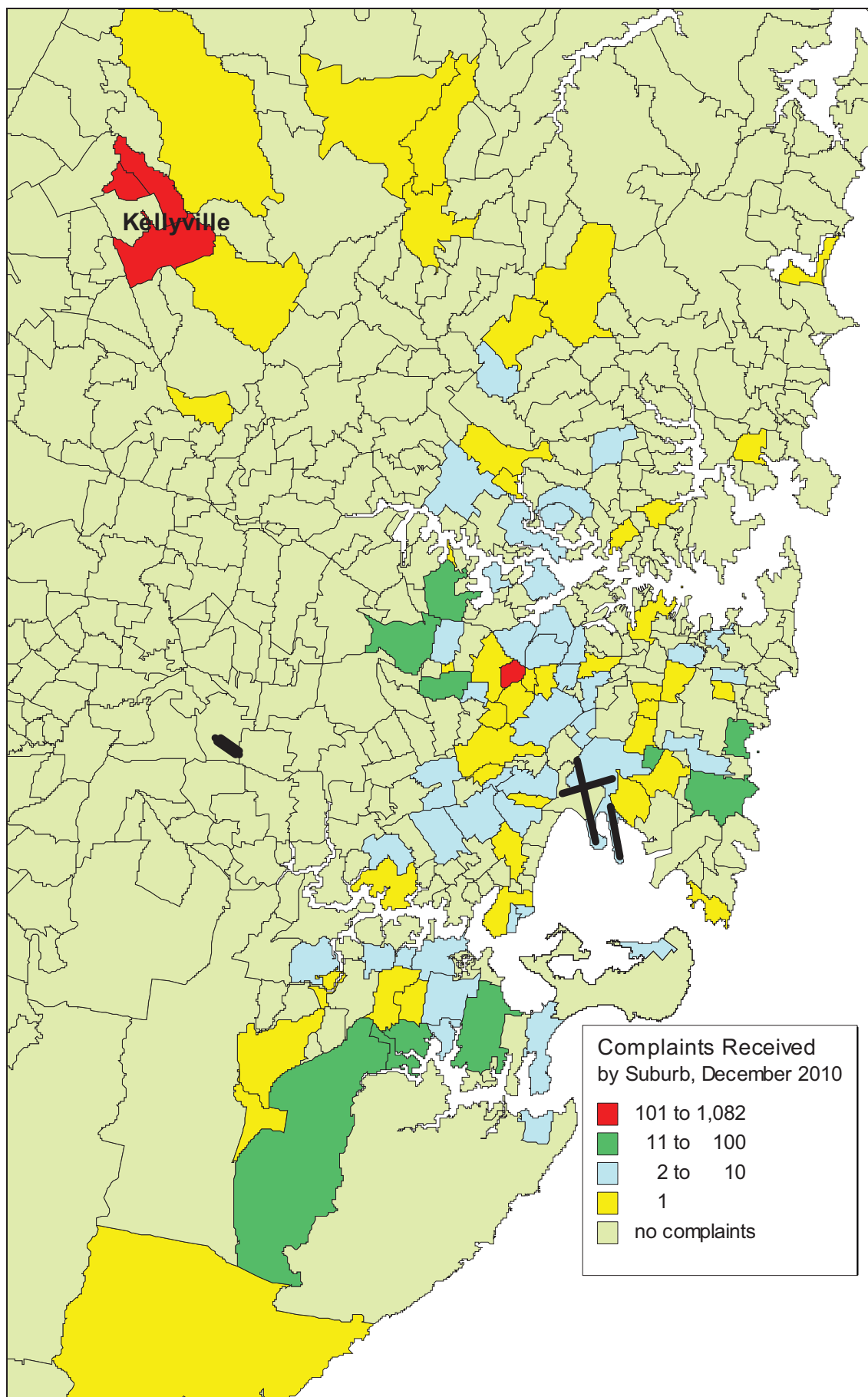


Top 20 Complaint Suburbs – 1 December to 31 December 2010



Complaint Density by Suburb

1 December to 31 December 2010



Recorded Complaints vs Complainants, by Suburb

1 December to 31 December 2010

<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>	<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>
Not Specified	4	2	Kareela	7	3
Abbotsford	4	3	Kellyville	1082	1
Annandale	4	3	Kenthurst	1	1
Arncliffe	2	2	Kingsford	4	2
Ashbury	2	1	Kingsgrove	3	1
Ashfield	1	1	Kirrawee	1	1
Balgowlah	1	1	Kogarah	1	1
Bangor	3	1	Kurnell	5	5
Banksia	1	1	La Perouse	1	1
Bardwell Park	1	1	Lane Cove	2	2
Bardwell Valley	2	1	Leichhardt	9	6
Bexley	4	4	Lewisham	1	1
Bondi Junction	2	1	Lilyfield	2	2
Botany	1	1	Maroubra	43	8
Bundeena	6	1	Marrickville	5	3
Burwood	3	2	Mascot	8	5
Burwood Heights	1	1	Miranda	2	2
Cammeray	1	1	Mortdale	2	1
Camperdown	1	1	Mortlake	1	1
Caringbah	11	7	Narrabeen	1	1
Castle Hill	1	1	Newtown	2	2
Centennial Park	1	1	North Ryde	1	1
Chatswood	4	2	Oatley	1	1
Concord	57	4	Paddington	3	2
Coogee	20	7	Pagewood	1	1
Cronulla	7	5	Petersham	1	1
Croydon Park	19	3	Pymble	1	1
Dolls Point	2	2	Queens Park	1	1
Double Bay	4	4	Riverview	4	3
Drummoyne	5	4	Rockdale	3	3
Dulwich Hill	1	1	Rosebery	1	1
Earlwood	1	1	Ryde	2	2
East Ryde	1	1	Sandringham	2	2
Eastlakes	34	2	Sans Souci	1	1
Engadine	1	1	St Ives	1	1
Galston	1	1	St Peters	3	3
Grays Point	11	5	Stanmore	2	1
Gymea	1	1	Strathfield	49	2
Gymea Bay	24	5	Summer Hill	295	5
Haberfield	7	2	Sydney	1	1
Heathcote	1	1	Sylvania	4	2
Helensburgh	1	1	Waterloo	1	1
Hornsby	1	1	West Pymble	2	2
Hornsby Heights	1	1	Winston Hills	1	1
Hunters Hill	2	2	Wollstonecraft	1	1
Hurlstone Park	1	1	Woronora	1	1
Hurstville	2	2	Yowie Bay	7	3
Jannali	8	1	Zetland	1	1

Total Complaints

1848

Total Complainants

194

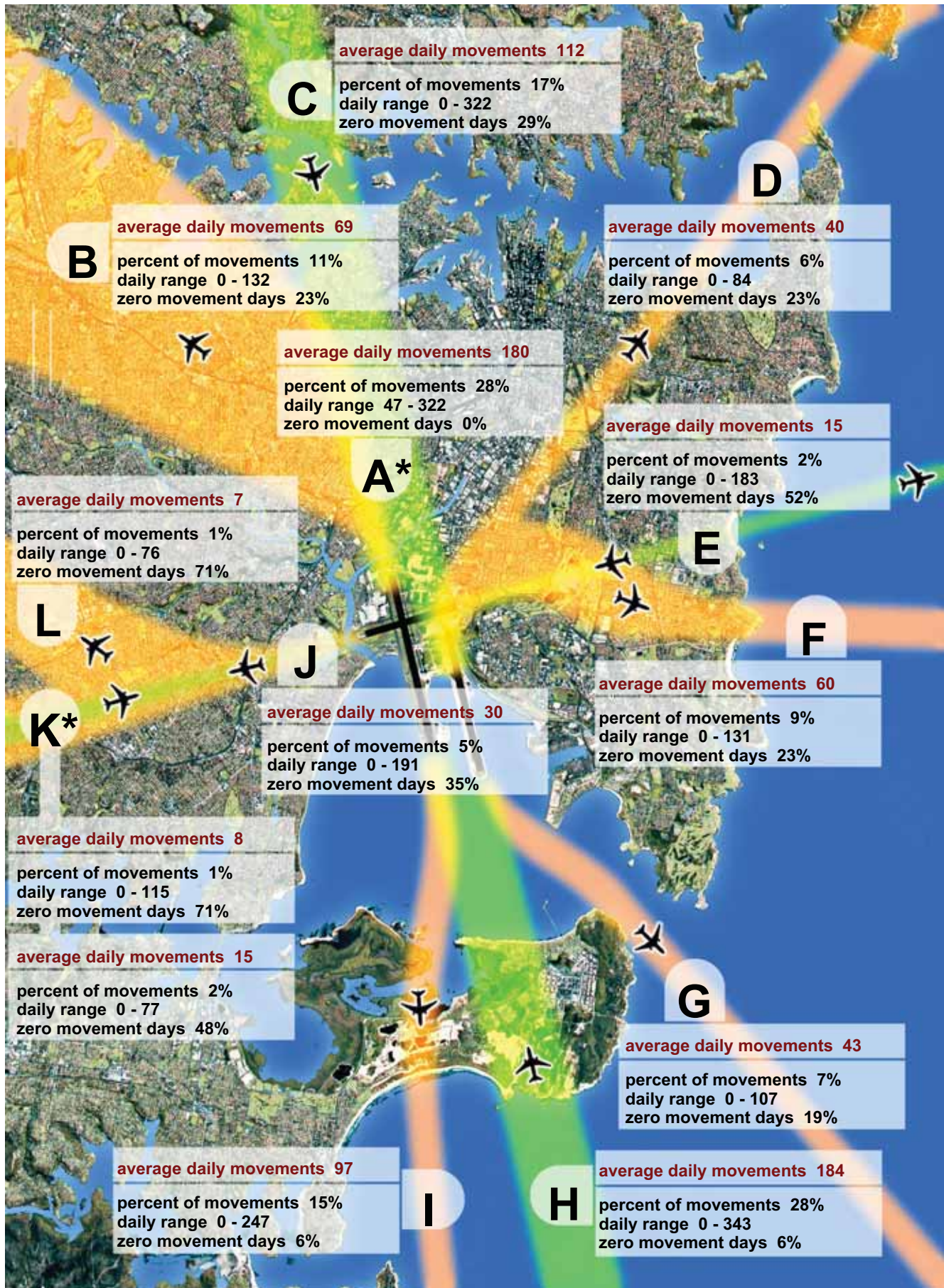
Recorded Complaints vs Complainants, by Locations/Airports Other than Sydney (NSW Only)

1 December to 31 December 2010

<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>	<i>SUBUR</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>
Albion Park	1	1	Lorne	1	1
Ballina	1	1	Merewether	2	2
Bankstown	28	18	Not Applicable	1	1
Camden	24	6	Not Specified	6	3
Deniliquin	1	1	Nulkaba	1	1
Holsworthy	5	5	Orange	2	2
Kirribilli	1	1	Taree	1	1
Lane Cove	1	1	Williamtown	1	1
Lilli Pilli	1	1			
Total Complaints	78		Total Complainants		47

Sydney Airport : Jet Flight Path Movements

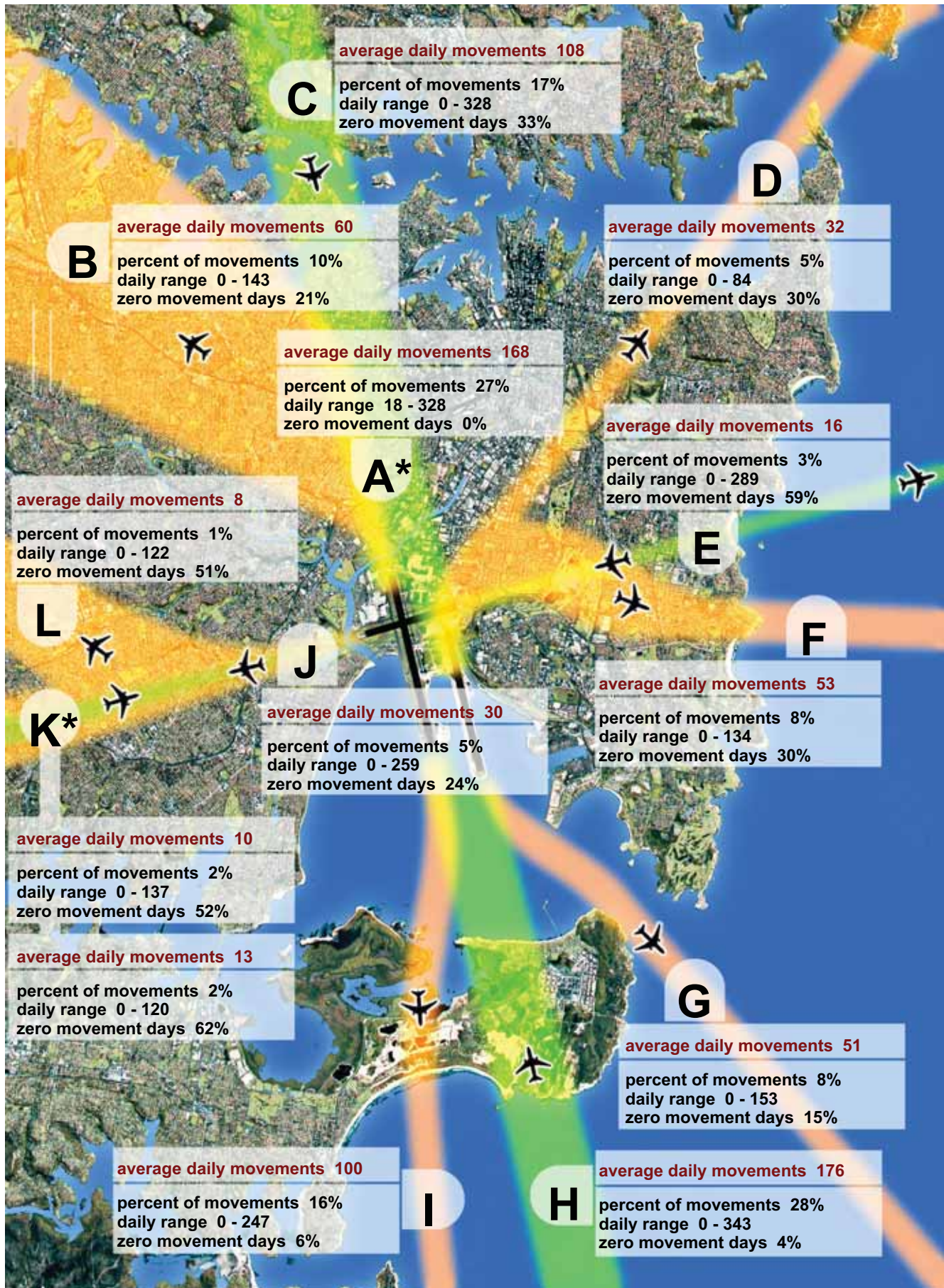
1 Dec 2010 to 31 Dec 2010, All Jets



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

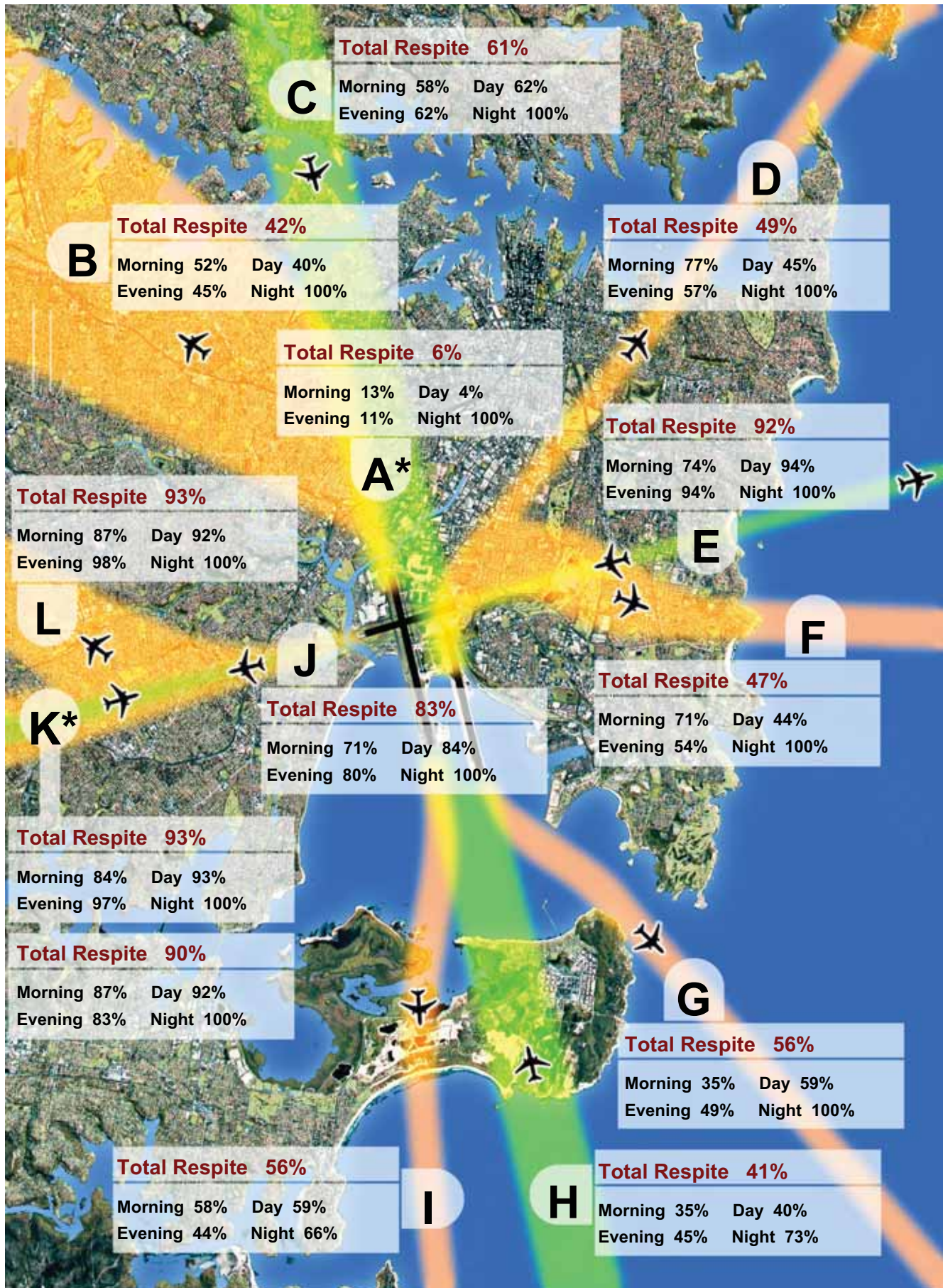
1 Jan 2010 to 31 Dec 2010, All Jets



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 Dec 2010 to 31 Dec 2010, All Jets



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

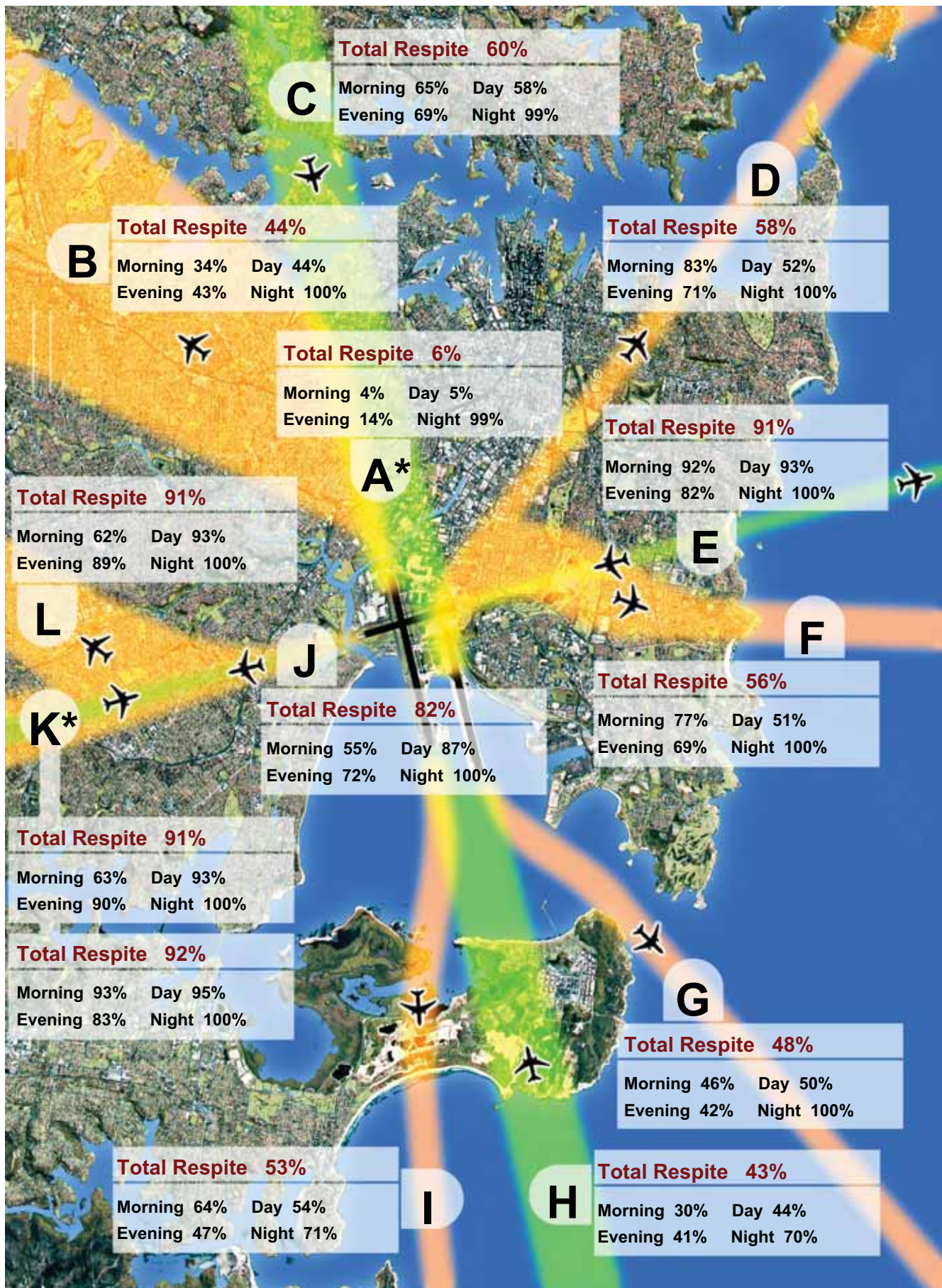
A respite interval is a 60 minute period when there are no jet movements (R60).

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 Jan 2010 to 31 Dec 2010, 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)

January 2010 to December 2010

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 January 2010 .
	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 September 2010 & 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 **respice 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 **January 2010 to December 2010**, 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 **January 2010 to December 2010 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 Airservices Australia's NFPMS.
- 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. Environment and Climate Change 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 December 2010.



Figure 1. NMT sites about Sydney Airport and the daily N70 values for the month of December 2010

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 December 2010 along with the Daily N70 values for the three months up to and including December are given in Table 1.

<i>Location</i>	<i>CNE Dec</i>	<i>Operational Days Dec</i>	<i>N70 Dec</i>	<i>N70 Nov</i>	<i>N70 Oct</i>
<i>Threshold rwy 34</i>	9,391	30.9	298	307	300
<i>Penshurst</i>	1,026	30.9	26	16	26
<i>Bexley</i>	1,130	30.9	34	18	33
<i>Sydenham</i>	4,918	30.9	158	168	149
<i>Johnston St. Annandale</i>	2,345	30.9	60	70	49
<i>Church St. St Peters</i>	3,820	30.9	91	98	82
<i>Leichhardt PEMU 36</i>	2,851	30.9	88	97	68
<i>Eastlakes</i>	2,570	30.9	76	68	82
<i>Coogee</i>	0	0.0	0	0	0
<i>Kurnell</i>	2,992	30.9	76	74	90
<i>Croydon</i>	658	30.9	14	16	19
<i>Hunters Hill</i>	4,315	30.9	61	71	49

Table 1 Results for each Noise Monitoring Terminal for the three months up to and including December 2010.

The N70 values for December 2010 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 11 PM 43 Day 232 Night 11 WE_D 265 WE_N 1	Penshurst AM 2 PM 9 Day 18 Night 0 WE_D 18 WE_N 0	Bexley AM 2 PM 10 Day 22 Night 0 WE_D 30 WE_N 0	Eastlakes AM 4 PM 7 Day 63 Night 0 WE_D 84 WE_N 0
Coogee AM 0 PM 0 Day 0 Night 0 WE_D 0 WE_N 0	Sydenham AM 5 PM 22 Day 143 Night 0 WE_D 127 WE_N 0	Leichhardt PEMU36 AM 3 PM 12 Day 89 Night 0 WE_D 40 WE_N 0	Kurnell AM 0 PM 6 Day 68 Night 0 WE_D 75 WE_N 0
Annandale AM 0 PM 6 Day 66 Night 0 WE_D 27 WE_N 0	St Peters AM 1 PM 10 Day 90 Night 0 WE_D 64 WE_N 0	Croydon AM 0 PM 3 Day 10 Night 0 WE_D 19 WE_N 0	Hunters Hill AM 3 PM 8 Day 62 Night 0 WE_D 28 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.