



AIRSERVICES AUSTRALIA

Sydney Airport
Operational Statistics
May 2010

Produced by Environment and Climate Change

PREVIEW

Sydney Airport Operational Statistics Report Preview

May 2010

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

There was a total of **25,472** aircraft movements this month (daily average **821.68**). Last month there were a total of **24,842** movements (daily average **828.07**) and for the same month last year there were a total of **23,216** movements (daily average **748.90**).

Mode Utilisation (refer pages 11 & 13)

Individual mode use in excess of 9 hours occurred on **21** days this month, Mode **10** on **11** days Mode **9** on **7** days, Mode **7** on **1** day, Mode **5** on **1** day and **Sodprops** on **1** day. Crossing runway modes (including Sodprops & Mode 15) were used for **36.48%** of non Curfew hours.

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 **28.46%** - This result is above the LTOP target and above the previous month (**25.29%**)

South **52.30%** - This result is below the LTOP target and below the previous month (**53.86%**)

East **12.67%** - This result is below the LTOP target and below the previous month (**13.64%**)

West **6.56%** - This result is below the LTOP target and below the previous month (**7.19%**)

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

This procedure was used on the 03, 18, 19, 27 and 31 of May for a total of 11 hours and 51 minutes (ATIS time).

Noise Enquiry Service (refer pages 15-20)

A total of **1518** complaints, comments and enquiries were received as follows:

1399 Sydney suburbs complaints from **283** complainants

61 Sydney suburbs comments and enquiries

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

Noise Enquiry Service Environment and Climate Change Airservices Australia

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Table of Contents

Preview	i
Table of Contents.....	1
Sydney Airport Runways.....	2
Runway Modes of Operation	3
Preferred Runway Selection	4
Runway Movement Summary – All Aircraft	5
Runway Movement Summary – Jet Aircraft only	6
Runway Movement Summary – Non Jet Aircraft only	7
Hourly Runway Movement Summary– All Movements.....	8
Hourly Runway Movement Summary – Arrivals	9
Hourly Runway Movement Summary – Departures.....	10
Mode Utilisation Summary / Cumulative Mode Utilisation from 1 January 2010	11
Runway End Impact.....	12
Daily Mode Usage.....	13
PRM Statistics.....	14
Noise Enquiry Service.....	15
Complaints Graphs – Complaints vs Complainants.....	16
Complaints History / Top Complaint Suburbs	17
Complaint Density by Suburb	18
Recorded Complaints vs Complainants, by Suburb	19
Recorded Complaints vs Complainants, by Locations/Airports Other Than Sydney	20
Jet Flight Path Movements * (1 – 31 May 2010).....	21
Jet Flight Path Movements * (1 June 2009 - 31 May 2010).....	22
Jet Aircraft Respite (R60) * (1 - 31 May 2010).....	23
Jet Aircraft Respite (R60) * (1 June 2009 - 31 May 2010).....	24
Jet Flight Path Movements (Explanation)	25
Jet Aircraft Respite (R60) (Explanation)	26
Measured Daily N70 Values	27

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

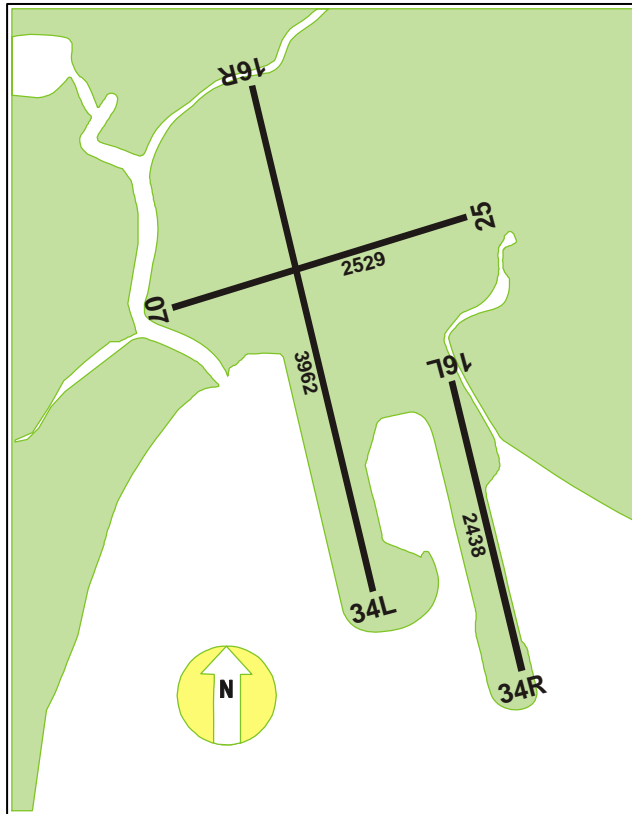
www.airservicesaustralia.com

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

“Sydney Airport Operational Statistics”.

* This information is produced using 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)

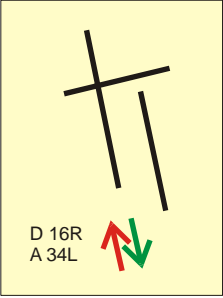
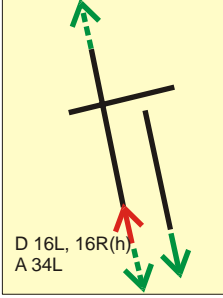
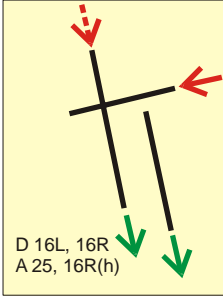
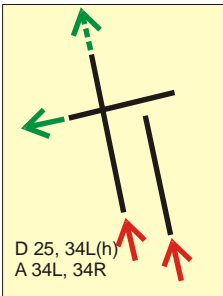
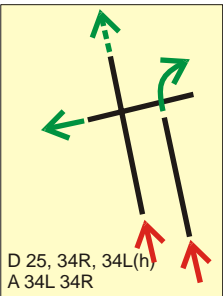
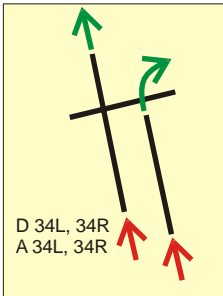
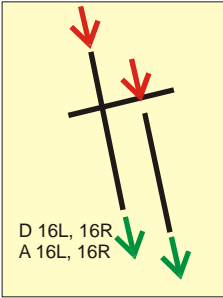
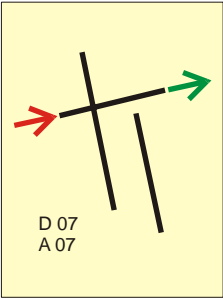
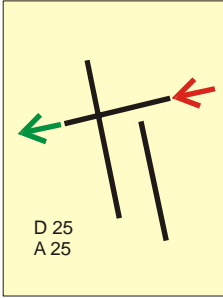
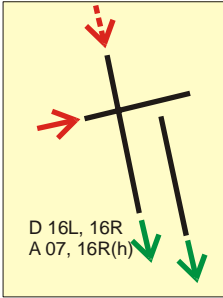
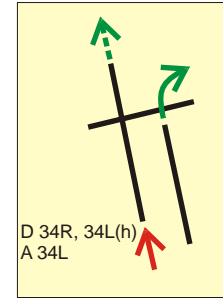




Runway 34R Used by aircraft landing toward the north and taking off to the East.

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

<p>Mode 1 - Curfew</p>  <p>D 16R A 34L</p> <p>Departures to South Arrivals from South</p>	<p>Sodprops</p>  <p>D 16L, 16R(h) A 34L</p> <p>Departures to South Arrivals from South</p>	<p>Mode 5</p>  <p>D 16L, 16R A 25, 16R(h)</p> <p>Departures to South Arrivals from East</p>
<p>Mode 7</p>  <p>D 25, 34L(h) A 34L, 34R</p> <p>Departures to West Arrivals from South</p>	<p>Mode 8</p>  <p>D 25, 34R, 34L(h) A 34L 34R</p> <p>Departures to West, East & North East Arrivals from South</p>	<p>Mode 9</p>  <p>D 34L, 34R A 34L, 34R</p> <p>Departures to North & East Arrivals from South</p>
<p>Mode 10</p>  <p>D 16L, 16R A 16L, 16R</p> <p>Departures to South Arrivals from North</p>	<p>Mode 12</p>  <p>D 07 A 07</p> <p>Departures to East Arrivals from West</p>	<p>Mode 13</p>  <p>D 25 A 25</p> <p>Departures to West Arrivals from East</p>
<p>Mode 14a</p>  <p>D 16L, 16R A 07, 16R(h)</p> <p>Departures to South Arrivals from West</p>	<p>Mode 15</p>  <p>D 34R, 34L(h) A 34L</p> <p>Departures to East Arrivals from South</p>	<ul style="list-style-type: none">  Departure  Long Haul (h) Departure  Arrival  Long Haul (h) Arrival

Sydney Airport Preferred Runway Selection

Effective from 21 May 2009 (TLI 09 0163; LOA 714 V5)

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 (<i>Shoulder Curfew</i>). If traffic permits.
	3.	Departures 34R, 25 & 34L / Arrivals 34L&R (<i>Mode 8</i>), or Departures 25 / Arrivals 34L&R (<i>Mode 7</i>), or Departures 16L&R / Arrivals 25 (<i>Mode 5</i>), or Departures 16L&R / Arrivals 07 (<i>Mode 14A</i>)
	4.	Departures 34R / Arrivals 34L (<i>Mode 15</i>) – refer Note 1 below.
	5.	34 (<i>Mode 9</i>) or 16 (<i>Mode 10</i>)
	6.	07 (<i>Mode 12</i>) or 25 (<i>Mode 13</i>)
0700 to 2245	1.	SODPROPS - Departures 16L / Arrivals 34L
	2.	Departures 16L&R / Arrivals 07 (<i>Mode 14A</i>), or Departures 34R, 25 & 34L / Arrivals 34L&R (<i>Mode 8</i>), or Departures 25 / Arrivals 34L&R (<i>Mode 7</i>), or Departures 16L&R / Arrivals 25 (<i>Mode 5</i>)
	3.	Departures 34R / Arrivals 34L (<i>Mode 15</i>) – refer Note 1 below.
	4.	34 (<i>Mode 9</i>) or 16 (<i>Mode 10</i>)
	5.	07 (<i>Mode 12</i>) or 25 (<i>Mode 13</i>)
2245 to 2300	1.	SODPROPS - Departures 16L (Mandatory) / Arrivals 34L
	2.	Departures 16L&R (Mandatory) / Arrivals 34L (<i>Shoulder Curfew</i>) 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 (<i>Mode 5</i>), or Departures 16L&R / Arrivals 07 (<i>Mode 14A</i>)
	4.	16 (<i>Mode 10</i>)

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.

Note 1 – Mode 15 is a temporary mode of operations that is only approved for use during the RESA period and will cease on the completion of the RESA works. Implementation of this Mode is for weekdays between the hours 0600 to 0700, 1230 to 1430 and after 2000, Saturday afternoons and Sunday morning 0600 to 0800 when conditions are suitable and traffic patterns permit.

Saturday and Sunday		
2300 to 0600	1.	Curfew – Departures 16R / Arrivals 34L (Mode 1)
<i>0600 to 0700 Saturday 0600 to 0800</i>	1.	SODPROPS - Departures 16L / Arrivals 34L
	2.	Departures 16L&R / Arrivals 34L (<i>Shoulder Curfew</i>). If traffic permits.
	3.	Departures 16L&R / Arrivals 25 (<i>Mode 5</i>), or Departures 16L&R / Arrivals 07 (<i>Mode 14A</i>), or Departures 34R, 25 & 34L / Arrivals 34L&R (<i>Mode 8</i>), or Departures 25 / Arrivals 34L&R (<i>Mode 7</i>)
	4.	Departures 34R / Arrivals 34L (<i>Mode 15</i>) – refer Note 1 below.
	5.	34 (<i>Mode 9</i>) or 16 (<i>Mode 10</i>)
	6.	07 (<i>Mode 12</i>) or 25 (<i>Mode 13</i>)
<i>0700 to 2200 Saturday 0800 to 2200</i>	1.	SODPROPS - Departures 16L / Arrivals 34L
	2.	Departures 16L&R / Arrivals 07 (<i>Mode 14A</i>), or Departures 34R, 25 & 34L / Arrivals 34L&R (<i>Mode 8</i>), or Departures 25 / Arrivals 34L&R (<i>Mode 7</i>), or Departures 16L&R / Arrivals 25 (<i>Mode 5</i>)
	3.	Departures 34R / Arrivals 34L (<i>Mode 15</i>) – refer Note 1 below.
	4.	34 (<i>Mode 9</i>) or 16 (<i>Mode 10</i>)
	5.	07 (<i>Mode 12</i>) or 25 (<i>Mode 13</i>)
2200 to 2245	1.	SODPROPS - Departures 16L (Mandatory) / Arrivals 34L
	2.	Departures 16L&R (Mandatory) / Arrivals 34L (<i>Shoulder Curfew</i>) 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 (<i>Mode 5</i>)
	4.	Departures 16L&R / Arrivals 07 (<i>Mode 14A</i>)
	5.	Departures 34R, 25 & 34L / Arrivals 34L&R (<i>Mode 8</i>)
	6.	Departures 25 / Arrivals 34L&R (<i>Mode 7</i>)
	7.	34 (<i>Mode 9</i>) or 16 (<i>Mode 10</i>)
	8.	07 (<i>Mode 12</i>) or 25 (<i>Mode 13</i>)
2245 to 2300	1.	SODPROPS - Departures 16L (Mandatory) / Arrivals 34L
	2.	Departures 16L&R (Mandatory) / Arrivals 34L (<i>Shoulder Curfew</i>) 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 (<i>Mode 5</i>), or Departures 16L&R / Arrivals 07 (<i>Mode 14A</i>)
	4.	16 (<i>Mode 10</i>)

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-May-10	2	0	2	0	0	0	0	1	1	0	110	110	240	110	350	108	110	218	0	0	0	681
2-May-10	0	0	0	30	65	95	53	53	106	0	32	32	204	125	329	85	115	200	0	0	0	762
3-May-10	45	0	45	136	145	281	197	276	473	0	2	2	65	17	82	0	0	0	0	0	0	883
4-May-10	2	0	2	0	5	5	0	8	8	0	41	41	284	164	448	145	212	357	0	0	0	861
5-May-10	0	0	0	31	34	65	70	94	164	137	149	286	115	79	194	68	72	140	0	0	0	849
6-May-10	0	0	0	71	127	198	91	128	219	2	17	19	223	98	321	57	69	126	0	0	0	883
7-May-10	0	0	0	0	93	93	0	6	6	0	58	58	310	158	468	138	131	269	0	0	0	894
8-May-10	0	0	0	0	116	116	1	1	2	1	48	49	278	115	393	69	53	122	0	0	0	682
9-May-10	2	0	2	0	52	52	1	0	1	0	66	66	280	146	426	88	125	213	0	0	0	760
10-May-10	0	0	0	0	4	4	1	4	5	0	19	19	284	179	463	151	223	374	0	0	0	865
11-May-10	0	0	0	0	0	0	0	17	17	38	128	166	223	123	346	163	151	314	0	0	0	843
12-May-10	0	0	0	99	112	211	155	269	424	98	25	123	55	11	66	20	17	37	0	0	0	861
13-May-10	0	0	0	123	130	253	174	291	465	113	22	135	28	1	29	6	0	6	0	0	0	888
14-May-10	0	0	0	108	129	237	151	325	476	187	3	190	7	0	7	0	0	0	0	0	0	910
15-May-10	0	0	0	27	89	116	52	204	256	196	15	211	43	6	49	25	11	36	0	0	0	668
16-May-10	48	0	48	70	83	153	135	179	314	0	26	26	81	48	129	37	46	83	0	0	0	753
17-May-10	0	0	0	147	102	249	160	238	398	36	31	67	59	25	84	33	33	66	0	0	0	864
18-May-10	2	0	2	178	132	310	230	296	526	0	0	0	9	0	9	0	0	0	0	0	0	847
19-May-10	1	0	1	154	137	291	240	286	526	25	0	25	10	0	10	0	0	0	0	0	0	853
20-May-10	26	0	26	100	102	202	127	176	303	0	62	62	135	69	204	44	29	73	0	0	0	870
21-May-10	1	0	1	168	127	295	237	295	532	0	20	20	25	1	26	5	0	5	0	0	0	879
22-May-10	0	0	0	124	90	214	218	239	457	3	1	4	2	0	2	0	0	0	0	0	0	677
23-May-10	0	0	0	0	32	32	0	1	1	0	106	106	249	133	382	127	119	246	0	0	0	767
24-May-10	1	0	1	0	59	59	0	4	4	0	42	42	295	166	461	137	166	303	0	0	0	870
25-May-10	0	0	0	0	7	7	3	43	46	50	128	178	212	111	323	164	131	295	0	0	0	849
26-May-10	1	0	1	142	113	255	198	262	460	0	16	16	51	17	68	27	20	47	0	0	0	847
27-May-10	42	0	42	155	133	288	202	306	508	45	1	46	5	0	5	0	0	0	0	0	0	889
28-May-10	2	0	2	13	13	26	16	35	51	0	88	88	253	148	401	165	173	338	0	0	0	906
29-May-10	1	0	1	0	8	8	0	1	1	0	78	78	225	116	341	123	127	250	0	0	0	679
30-May-10	0	0	0	0	0	0	0	0	0	5	153	158	232	124	356	137	115	252	0	0	0	766
31-May-10	1	0	1	158	124	282	213	301	514	44	8	52	14	1	15	2	0	2	0	0	0	866
Total	177	0	177	2034	2363	4397	2925	4339	7264	980	1495	2475	4496	2291	6787	2124	2248	4372	0	0	0	25472

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-May-10	0	0	0	0	0	0	0	0	0	0	85	85	204	89	293	69	94	163	0	0	0	541
2-May-10	0	0	0	27	57	84	51	47	98	0	15	15	160	84	244	60	98	158	0	0	0	599
3-May-10	29	0	29	76	105	181	163	200	363	0	2	2	53	13	66	0	0	0	0	0	0	641
4-May-10	0	0	0	0	4	4	0	3	3	0	34	34	233	101	334	82	171	253	0	0	0	628
5-May-10	0	0	0	15	26	41	57	69	126	99	98	197	86	56	142	46	59	105	0	0	0	611
6-May-10	0	0	0	44	97	141	68	86	154	0	15	15	166	61	227	39	57	96	0	0	0	633
7-May-10	0	0	0	0	80	80	0	2	2	0	44	44	242	91	333	81	106	187	0	0	0	646
8-May-10	0	0	0	0	106	106	1	0	1	0	39	39	229	83	312	45	44	89	0	0	0	547
9-May-10	1	0	1	0	44	44	0	0	0	0	49	49	235	99	334	61	108	169	0	0	0	597
10-May-10	0	0	0	0	4	4	1	1	2	0	15	15	222	113	335	95	182	277	0	0	0	633
11-May-10	0	0	0	0	0	0	0	10	10	34	100	134	177	73	250	99	122	221	0	0	0	615
12-May-10	0	0	0	66	74	140	119	201	320	72	20	92	41	6	47	10	14	24	0	0	0	623
13-May-10	0	0	0	74	87	161	137	216	353	85	19	104	23	1	24	5	0	5	0	0	0	647
14-May-10	0	0	0	66	86	152	113	237	350	136	0	136	3	0	3	0	0	0	0	0	0	641
15-May-10	0	0	0	18	67	85	43	171	214	154	14	168	37	2	39	18	11	29	0	0	0	535
16-May-10	45	0	45	46	58	104	106	130	236	0	22	22	68	41	109	29	40	69	0	0	0	585
17-May-10	0	0	0	92	67	159	126	184	310	32	24	56	48	11	59	18	28	46	0	0	0	630
18-May-10	2	0	2	111	90	201	193	222	415	0	0	0	3	0	3	0	0	0	0	0	0	621
19-May-10	0	0	0	95	95	190	186	209	395	23	0	23	3	0	3	0	0	0	0	0	0	611
20-May-10	16	0	16	58	73	131	103	119	222	0	42	42	118	58	176	21	24	45	0	0	0	632
21-May-10	0	0	0	110	90	200	183	216	399	0	17	17	20	1	21	4	0	4	0	0	0	641
22-May-10	0	0	0	84	70	154	187	202	389	2	0	2	1	0	1	0	0	0	0	0	0	546
23-May-10	0	0	0	0	30	30	0	0	0	0	75	75	218	95	313	83	102	185	0	0	0	603
24-May-10	0	0	0	0	47	47	0	3	3	0	37	37	236	100	336	85	139	224	0	0	0	647
25-May-10	0	0	0	0	7	7	2	41	43	45	91	136	186	67	253	92	112	204	0	0	0	643
26-May-10	0	0	0	92	77	169	158	196	354	0	15	15	43	9	52	15	18	33	0	0	0	623
27-May-10	31	0	31	95	93	188	161	231	392	39	0	39	5	0	5	0	0	0	0	0	0	655
28-May-10	2	0	2	9	4	13	11	25	36	0	73	73	210	93	303	98	146	244	0	0	0	671
29-May-10	0	0	0	0	6	6	0	0	0	0	67	67	189	85	274	81	110	191	0	0	0	538
30-May-10	0	0	0	0	0	0	0	0	0	3	114	117	205	93	298	94	97	191	0	0	0	606
31-May-10	0	0	0	96	85	181	170	226	396	38	7	45	13	1	14	2	0	2	0	0	0	638
Total	126	0	126	1274	1729	3003	2339	3247	5586	762	1133	1895	3677	1526	5203	1332	1882	3214	0	0	0	19027

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-May-10	2	0	2	0	0	0	0	1	1	0	25	25	36	21	57	39	16	55	0	0	0	140
2-May-10	0	0	0	3	8	11	2	6	8	0	17	17	44	41	85	25	17	42	0	0	0	163
3-May-10	16	0	16	60	40	100	34	76	110	0	0	0	12	4	16	0	0	0	0	0	0	242
4-May-10	2	0	2	0	1	1	0	5	5	0	7	7	51	63	114	63	41	104	0	0	0	233
5-May-10	0	0	0	16	8	24	13	25	38	38	51	89	29	23	52	22	13	35	0	0	0	238
6-May-10	0	0	0	27	30	57	23	42	65	2	2	4	57	37	94	18	12	30	0	0	0	250
7-May-10	0	0	0	0	13	13	0	4	4	0	14	14	68	67	135	57	25	82	0	0	0	248
8-May-10	0	0	0	0	10	10	0	1	1	1	9	10	49	32	81	24	9	33	0	0	0	135
9-May-10	1	0	1	0	8	8	1	0	1	0	17	17	45	47	92	27	17	44	0	0	0	163
10-May-10	0	0	0	0	0	0	0	3	3	0	4	4	62	66	128	56	41	97	0	0	0	232
11-May-10	0	0	0	0	0	0	0	7	7	4	28	32	46	50	96	64	29	93	0	0	0	228
12-May-10	0	0	0	33	38	71	36	68	104	26	5	31	14	5	19	10	3	13	0	0	0	238
13-May-10	0	0	0	49	43	92	37	75	112	28	3	31	5	0	5	1	0	1	0	0	0	241
14-May-10	0	0	0	42	43	85	38	88	126	51	3	54	4	0	4	0	0	0	0	0	0	269
15-May-10	0	0	0	9	22	31	9	33	42	42	1	43	6	4	10	7	0	7	0	0	0	133
16-May-10	3	0	3	24	25	49	29	49	78	0	4	4	13	7	20	8	6	14	0	0	0	168
17-May-10	0	0	0	55	35	90	34	54	88	4	7	11	11	14	25	15	5	20	0	0	0	234
18-May-10	0	0	0	67	42	109	37	74	111	0	0	0	6	0	6	0	0	0	0	0	0	226
19-May-10	1	0	1	59	42	101	54	77	131	2	0	2	7	0	7	0	0	0	0	0	0	242
20-May-10	10	0	10	42	29	71	24	57	81	0	20	20	17	11	28	23	5	28	0	0	0	238
21-May-10	1	0	1	58	37	95	54	79	133	0	3	3	5	0	5	1	0	1	0	0	0	238
22-May-10	0	0	0	40	20	60	31	37	68	1	1	2	1	0	1	0	0	0	0	0	0	131
23-May-10	0	0	0	0	2	2	0	1	1	0	31	31	31	38	69	44	17	61	0	0	0	164
24-May-10	1	0	1	0	12	12	0	1	1	0	5	5	59	66	125	52	27	79	0	0	0	223
25-May-10	0	0	0	0	0	0	1	2	3	5	37	42	26	44	70	72	19	91	0	0	0	206
26-May-10	1	0	1	50	36	86	40	66	106	0	1	1	8	8	16	12	2	14	0	0	0	224
27-May-10	11	0	11	60	40	100	41	75	116	6	1	7	0	0	0	0	0	0	0	0	0	234
28-May-10	0	0	0	4	9	13	5	10	15	0	15	15	43	55	98	67	27	94	0	0	0	235
29-May-10	1	0	1	0	2	2	0	1	1	0	11	11	36	31	67	42	17	59	0	0	0	141
30-May-10	0	0	0	0	0	0	0	0	0	2	39	41	27	31	58	43	18	61	0	0	0	160
31-May-10	1	0	1	62	39	101	43	75	118	6	1	7	1	0	1	0	0	0	0	0	0	228
Total	51	0	51	760	634	1394	586	1092	1678	218	362	580	819	765	1584	792	366	1158	0	0	0	6445

(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

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-May-10	1	0	0	0	0	4	35	52	65	59	54	48	41	38	43	45	32	32	45	37	23	20	7	0	681
2-May-10	0	0	1	0	0	2	28	36	50	47	53	49	43	40	55	48	52	56	72	54	32	32	12	0	762
3-May-10	1	0	1	1	0	4	45	63	68	67	66	51	45	40	55	54	51	62	66	54	35	30	15	9	883
4-May-10	2	2	1	2	1	3	45	61	72	68	54	54	37	40	50	51	40	60	71	60	34	25	20	8	861
5-May-10	4	3	2	2	2	5	43	62	67	57	60	44	41	40	50	45	52	47	51	54	49	37	25	7	849
6-May-10	2	3	0	3	3	4	44	63	72	63	54	50	44	42	51	54	49	68	69	55	36	30	18	6	883
7-May-10	4	2	0	1	2	5	48	69	74	60	63	49	46	42	56	53	51	63	66	62	34	30	13	1	894
8-May-10	0	0	0	0	0	2	39	55	62	60	51	50	37	34	43	41	32	36	46	33	26	20	13	2	682
9-May-10	0	1	0	0	0	3	37	37	49	49	45	44	43	38	52	49	53	52	72	58	30	36	12	0	760
10-May-10	1	1	0	2	0	2	43	69	69	67	58	54	49	35	55	54	43	59	68	51	32	30	18	5	865
11-May-10	6	0	1	2	2	3	48	62	74	58	53	54	39	41	53	48	45	59	60	51	39	19	20	6	843
12-May-10	5	2	1	4	0	3	43	65	66	66	61	47	39	36	51	54	51	59	65	62	29	28	18	6	861
13-May-10	3	1	0	2	1	3	47	65	74	65	58	48	44	39	59	49	45	68	69	52	38	33	19	6	888
14-May-10	4	3	1	3	4	2	46	63	71	72	62	49	47	44	48	54	53	67	71	64	39	30	13	0	910
15-May-10	1	1	0	0	0	2	41	54	60	57	53	46	43	34	35	44	31	34	52	31	21	23	5	0	668
16-May-10	0	2	0	0	0	1	32	40	42	47	47	48	41	34	54	56	47	63	74	54	33	29	9	0	753
17-May-10	1	0	2	0	0	2	47	59	63	63	66	59	44	37	51	53	46	49	65	53	46	30	20	8	864
18-May-10	4	3	1	0	1	3	46	60	59	66	61	53	41	40	44	49	48	53	63	55	43	27	19	8	847
19-May-10	3	2	1	1	2	2	38	61	69	59	57	57	49	37	51	54	48	54	60	61	35	29	16	7	853
20-May-10	2	3	0	2	1	4	38	65	69	62	54	52	44	44	50	54	49	63	66	53	37	32	19	7	870
21-May-10	2	2	1	2	3	4	47	64	72	61	57	50	47	44	55	52	49	57	66	59	42	30	13	0	879
22-May-10	0	0	1	0	0	1	38	48	63	60	57	49	37	42	43	43	30	37	45	33	25	19	6	0	677
23-May-10	1	0	1	0	0	1	31	38	47	48	49	45	41	43	49	53	53	63	68	58	35	31	12	0	767
24-May-10	0	1	0	0	0	2	41	64	74	71	60	58	42	38	58	52	46	58	69	51	35	28	17	5	870
25-May-10	2	2	0	2	2	1	47	53	78	66	52	56	43	39	48	45	44	54	65	52	41	28	24	5	849
26-May-10	1	2	1	3	2	1	43	57	60	64	57	57	46	38	45	56	43	56	62	59	37	31	22	4	847
27-May-10	2	1	3	2	0	2	45	61	62	65	59	59	38	44	53	60	47	63	73	51	42	32	19	6	889
28-May-10	3	1	3	3	0	4	45	69	71	70	59	59	45	44	49	58	46	65	68	59	40	32	13	0	906
29-May-10	1	1	1	0	1	4	37	49	63	62	49	47	44	35	41	42	33	33	45	33	28	21	8	1	679
30-May-10	0	1	1	1	1	1	35	34	52	49	49	45	44	41	52	47	52	60	70	54	34	29	14	0	766
31-May-10	1	1	0	0	0	2	36	60	69	65	63	63	47	34	53	57	46	52	68	59	35	28	23	4	866
Total	57	41	24	38	28	82	1278	1758	2006	1893	1741	1594	1331	1217	1552	1574	1407	1702	1970	1622	1085	879	482	111	25472
Avg.	1.84	1.32	0.77	1.23	0.90	2.65	41.23	56.71	64.71	61.06	56.16	51.42	42.94	39.26	50.06	50.77	45.39	54.90	63.55	52.32	35.00	28.35	15.55	3.58	821.68

Hourly Runway Movement Summary – Arrivals

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-May-10	0	0	0	0	0	4	20	35	33	22	25	23	21	19	24	19	21	18	22	17	12	11	4	0	350
2-May-10	0	0	1	0	0	2	19	17	25	22	21	23	15	18	29	19	28	34	33	23	19	17	7	0	372
3-May-10	0	0	1	0	0	4	24	35	38	34	27	22	19	20	29	20	31	35	30	25	19	20	6	4	443
4-May-10	0	1	1	1	1	3	23	38	36	27	27	27	19	18	27	16	26	31	39	23	18	15	10	4	431
5-May-10	0	2	1	1	2	5	22	36	31	26	27	27	18	17	24	18	24	25	24	24	31	24	10	2	421
6-May-10	1	1	0	3	2	3	26	34	38	26	26	25	21	16	30	20	27	38	32	24	21	19	9	2	444
7-May-10	1	1	0	1	1	4	26	41	36	25	28	24	22	23	29	17	31	33	33	25	20	16	10	1	448
8-May-10	0	0	0	0	0	2	25	35	29	24	19	27	19	14	25	17	19	22	22	18	13	11	7	1	349
9-May-10	0	0	0	0	0	3	23	22	22	21	16	18	20	16	27	19	30	27	38	23	18	21	7	0	371
10-May-10	0	1	0	1	0	2	23	41	36	29	28	26	20	17	29	22	25	32	32	24	17	19	9	3	436
11-May-10	1	0	0	1	2	3	27	39	33	27	25	28	19	18	28	15	30	30	28	23	23	11	10	3	424
12-May-10	2	0	1	3	0	3	21	39	32	27	27	27	16	16	25	21	30	31	33	26	18	16	11	2	427
13-May-10	0	0	0	1	1	3	26	36	38	28	29	21	20	19	35	13	31	35	31	25	20	19	10	3	444
14-May-10	1	1	1	2	2	2	25	37	37	33	24	22	23	21	24	25	26	40	34	28	20	17	8	0	453
15-May-10	1	0	0	0	0	2	26	38	24	23	23	23	24	16	18	20	18	21	24	17	10	13	2	0	343
16-May-10	0	2	0	0	0	1	19	25	16	23	18	21	14	16	27	22	30	37	33	25	20	17	5	0	371
17-May-10	1	0	1	0	0	2	26	30	35	30	35	26	12	19	30	20	27	29	35	25	19	18	10	5	435
18-May-10	0	1	1	0	0	3	26	34	34	28	30	24	17	20	22	18	29	29	32	22	21	16	9	3	419
19-May-10	1	1	1	0	2	2	22	35	37	23	26	31	23	17	27	20	28	30	32	25	19	18	7	3	430
20-May-10	1	0	0	1	1	4	19	36	39	27	25	26	17	21	27	19	30	34	30	23	21	20	8	3	432
21-May-10	0	0	1	1	3	2	24	38	37	21	31	24	19	23	26	20	28	33	34	28	18	17	8	0	436
22-May-10	0	0	1	0	0	1	23	33	33	21	23	25	18	20	24	20	17	24	21	17	13	11	2	0	347
23-May-10	1	0	0	0	0	1	19	23	22	20	22	19	15	21	23	24	29	36	35	22	20	17	7	0	376
24-May-10	0	1	0	0	0	2	21	36	41	32	27	29	18	18	32	20	25	29	32	21	21	17	8	3	433
25-May-10	0	2	0	2	0	1	27	32	40	30	25	28	20	17	26	16	27	29	33	22	19	20	13	0	429
26-May-10	1	1	0	2	0	1	25	29	36	31	23	28	20	17	24	25	23	28	32	24	19	19	10	1	419
27-May-10	1	1	2	0	0	2	24	34	39	31	22	30	14	23	30	24	26	37	37	20	21	21	9	1	449
28-May-10	1	0	3	0	0	3	24	41	34	30	26	28	19	23	26	23	25	37	35	22	24	17	8	0	449
29-May-10	1	0	0	0	1	4	22	34	31	25	19	24	22	15	25	19	18	20	22	16	13	12	5	1	349
30-May-10	0	1	0	1	0	1	22	19	26	20	20	18	18	19	27	20	26	37	31	24	19	17	8	0	374
31-May-10	1	0	0	0	0	2	21	29	36	33	33	29	17	19	28	20	25	30	32	26	19	19	12	1	432
Total	16	17	16	21	18	77	720	1031	1024	819	777	773	579	576	827	611	810	951	961	707	585	525	249	46	12736
Avg.	0.52	0.55	0.52	0.68	0.58	2.48	23.23	33.26	33.03	26.42	25.06	24.94	18.68	18.58	26.68	19.71	26.13	30.68	31.00	22.81	18.87	16.94	8.03	1.48	410.84

Hourly Runway Movement Summary – Departures

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-May-10	1	0	0	0	0	0	15	17	32	37	29	25	20	19	19	26	11	14	23	20	11	9	3	0	331
2-May-10	0	0	0	0	0	0	9	19	25	25	32	26	28	22	26	29	24	22	39	31	13	15	5	0	390
3-May-10	1	0	0	1	0	0	21	28	30	33	39	29	26	20	26	34	20	27	36	29	16	10	9	5	440
4-May-10	2	1	0	1	0	0	22	23	36	41	27	27	18	22	23	35	14	29	32	37	16	10	10	4	430
5-May-10	4	1	1	1	0	0	21	26	36	31	33	17	23	23	26	27	28	22	27	30	18	13	15	5	428
6-May-10	1	2	0	0	1	1	18	29	34	37	28	25	23	26	21	34	22	30	37	31	15	11	9	4	439
7-May-10	3	1	0	0	1	1	22	28	38	35	35	25	24	19	27	36	20	30	33	37	14	14	3	0	446
8-May-10	0	0	0	0	0	0	14	20	33	36	32	23	18	20	18	24	13	14	24	15	13	9	6	1	333
9-May-10	0	1	0	0	0	0	14	15	27	28	29	26	23	22	25	30	23	25	34	35	12	15	5	0	389
10-May-10	1	0	0	1	0	0	20	28	33	38	30	28	29	18	26	32	18	27	36	27	15	11	9	2	429
11-May-10	5	0	1	1	0	0	21	23	41	31	28	26	20	23	25	33	15	29	32	28	16	8	10	3	419
12-May-10	3	2	0	1	0	0	22	26	34	39	34	20	23	20	26	33	21	28	32	36	11	12	7	4	434
13-May-10	3	1	0	1	0	0	21	29	36	37	29	27	24	20	24	36	14	33	38	27	18	14	9	3	444
14-May-10	3	2	0	1	2	0	21	26	34	39	38	27	24	23	24	29	27	27	37	36	19	13	5	0	457
15-May-10	0	1	0	0	0	0	15	16	36	34	30	23	19	18	17	24	13	13	28	14	11	10	3	0	325
16-May-10	0	0	0	0	0	0	13	15	26	24	29	27	27	18	27	34	17	26	41	29	13	12	4	0	382
17-May-10	0	0	1	0	0	0	21	29	28	33	31	33	32	18	21	33	19	20	30	28	27	12	10	3	429
18-May-10	4	2	0	0	1	0	20	26	25	38	31	29	24	20	22	31	19	24	31	33	22	11	10	5	428
19-May-10	2	1	0	1	0	0	16	26	32	36	31	26	26	20	24	34	20	24	28	36	16	11	9	4	423
20-May-10	1	3	0	1	0	0	19	29	30	35	29	26	27	23	23	35	19	29	36	30	16	12	11	4	438
21-May-10	2	2	0	1	0	2	23	26	35	40	26	26	28	21	29	32	21	24	32	31	24	13	5	0	443
22-May-10	0	0	0	0	0	0	15	15	30	39	34	24	19	22	19	23	13	13	24	16	12	8	4	0	330
23-May-10	0	0	1	0	0	0	12	15	25	28	27	26	26	22	26	29	24	27	33	36	15	14	5	0	391
24-May-10	0	0	0	0	0	0	20	28	33	39	33	29	24	20	26	32	21	29	37	30	14	11	9	2	437
25-May-10	2	0	0	0	2	0	20	21	38	36	27	28	23	22	22	29	17	25	32	30	22	8	11	5	420
26-May-10	0	1	1	1	2	0	18	28	24	33	34	29	26	21	21	31	20	28	30	35	18	12	12	3	428
27-May-10	1	0	1	2	0	0	21	27	23	34	37	29	24	21	23	36	21	26	36	31	21	11	10	5	440
28-May-10	2	1	0	3	0	1	21	28	37	40	33	31	26	21	23	35	21	28	33	37	16	15	5	0	457
29-May-10	0	1	1	0	0	0	15	15	32	37	30	23	22	20	16	23	15	13	23	17	15	9	3	0	330
30-May-10	0	0	1	0	1	0	13	15	26	29	29	27	26	22	25	27	26	23	39	30	15	12	6	0	392
31-May-10	0	1	0	0	0	0	15	31	33	32	30	34	30	15	25	37	21	22	36	33	16	9	11	3	434
Total	41	24	8	17	10	5	558	727	982	1074	964	821	752	641	725	963	597	751	1009	915	500	354	233	65	12736
Avg.	1.32	0.77	0.26	0.55	0.32	0.16	18.00	23.45	31.68	34.65	31.10	26.48	24.26	20.68	23.39	31.06	19.26	24.23	32.55	29.52	16.13	11.42	7.52	2.10	410.84

Mode Utilisation Summary (Total Hours by Day)

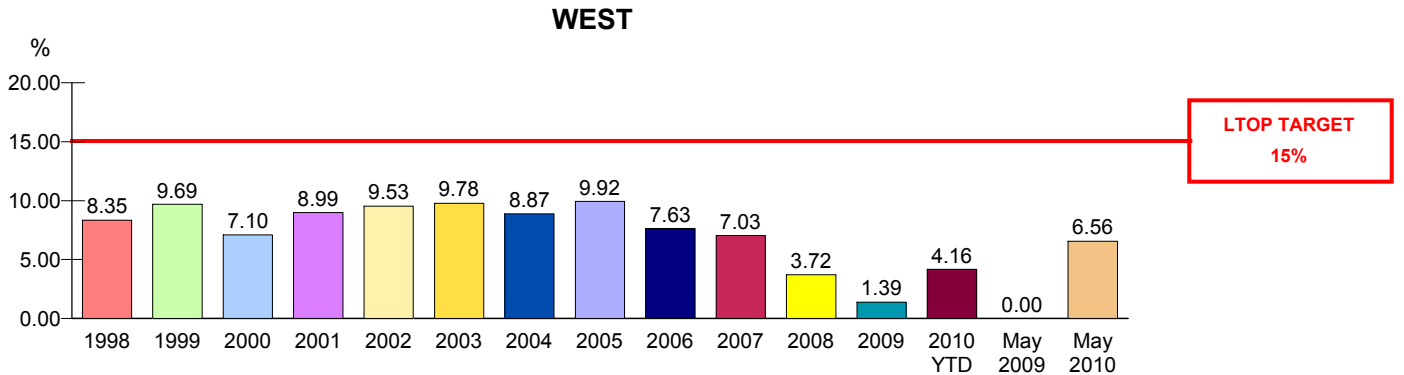
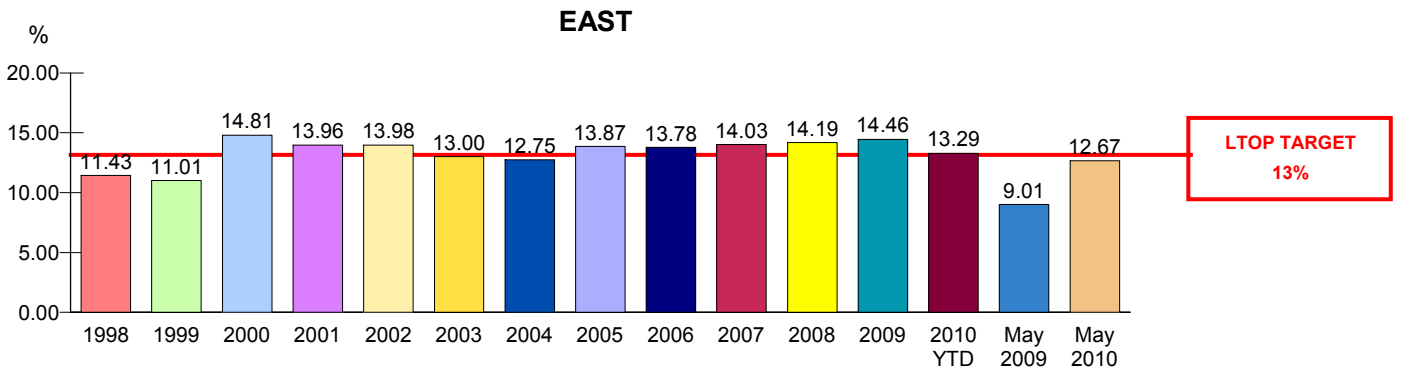
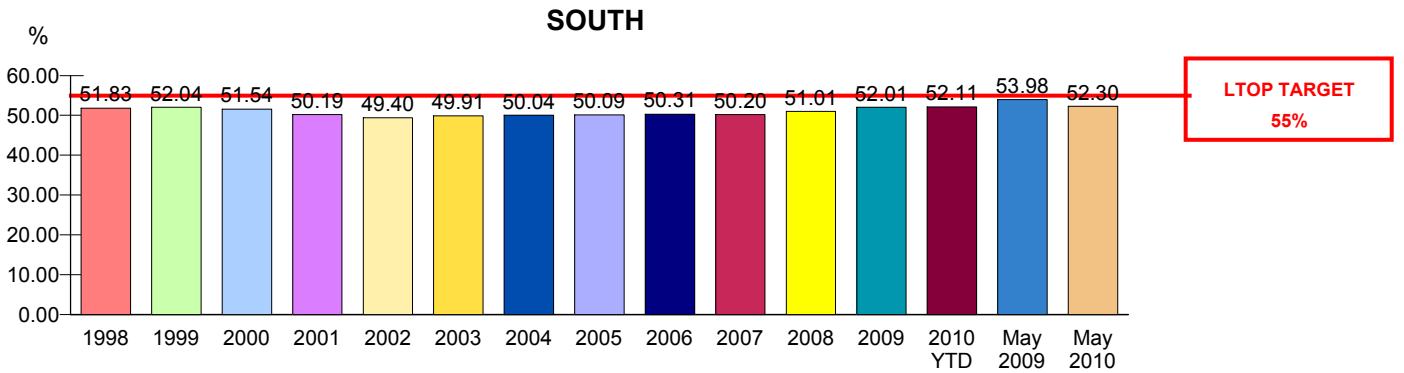
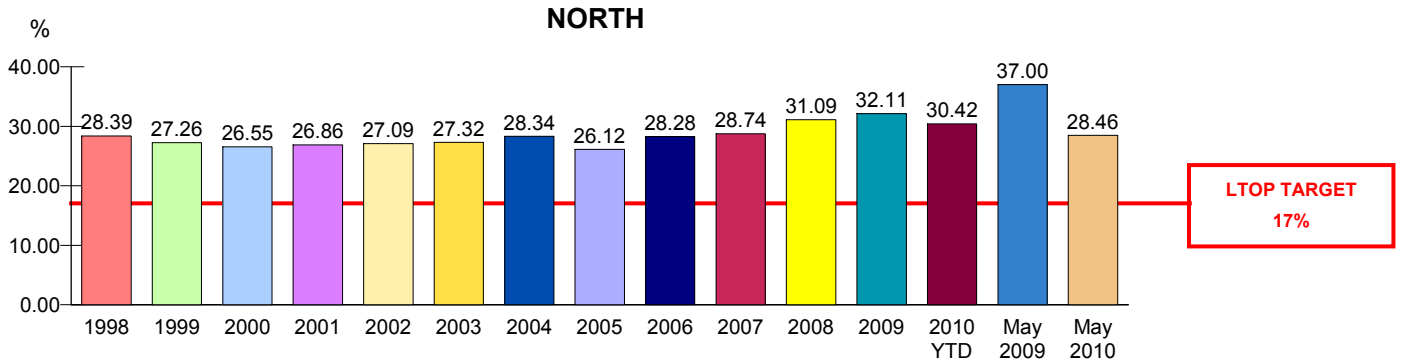
Date	Curfew	16/34	Sod props	Mode 5 16/25	Mode 7 25/34	Mode 8 25/34	Mode 9 34	Mode 10 16	Mode 12 07	Mode 13 25	Mode14a 16/07	Mode 15 34R/34L	Other
01-May-10	07:00	00:33	-	-	07:47	-	08:38	-	-	-	-	-	-
02-May-10	07:00	00:03	04:06	-	01:10	-	07:39	03:59	-	-	-	-	-
03-May-10	07:00	00:26	02:42	-	00:17	-	-	11:15	-	-	02:16	-	-
04-May-10	07:00	00:13	00:38	-	02:55	-	13:12	-	-	-	-	-	-
05-May-10	07:00	00:19	-	00:25	00:39	-	05:54	04:17	-	05:22	-	-	-
06-May-10	07:00	00:23	06:02	-	00:55	-	04:04	05:33	-	-	-	-	-
07-May-10	07:00	00:24	06:13	-	02:52	-	07:28	-	-	-	-	-	-
08-May-10	07:00	00:32	10:09	-	02:45	-	03:31	-	-	-	-	-	-
09-May-10	07:00	00:32	03:56	-	03:06	-	09:24	-	-	-	-	-	-
10-May-10	07:00	00:23	00:10	-	00:56	-	15:28	-	-	-	-	-	-
11-May-10	07:00	00:25	-	-	05:15	-	09:01	-	-	02:17	-	-	-
12-May-10	07:00	00:29	-	05:09	01:03	-	01:05	09:11	-	-	-	-	-
13-May-10	07:00	00:19	-	05:38	01:00	-	-	10:00	-	-	-	-	-
14-May-10	07:00	00:29	-	08:40	-	-	-	07:49	-	-	-	-	-
15-May-10	07:00	00:45	-	11:08	00:51	-	01:12	03:01	-	-	-	-	-
16-May-10	07:00	00:43	-	-	01:50	-	03:40	08:12	-	-	02:31	-	-
17-May-10	07:00	-	-	01:40	01:02	-	01:56	11:59	-	00:21	-	-	-
18-May-10	07:00	00:34	-	-	-	-	-	16:24	-	-	-	-	-
19-May-10	07:00	-	-	02:07	-	-	-	14:52	-	-	-	-	-
20-May-10	07:00	00:20	02:52	-	02:53	-	02:24	07:22	-	-	01:06	-	-
21-May-10	07:00	00:27	-	-	00:54	-	-	15:37	-	-	-	-	-
22-May-10	07:00	00:39	-	00:36	-	-	-	15:43	-	-	-	-	-
23-May-10	07:00	00:42	02:40	-	05:21	-	08:15	-	-	-	-	-	-
24-May-10	07:00	00:33	02:59	-	03:34	-	09:52	-	-	-	-	-	-
25-May-10	07:00	00:25	-	02:37	05:58	-	07:58	-	-	-	-	-	-
26-May-10	07:00	00:28	-	-	00:58	-	01:32	13:59	-	-	-	-	-
27-May-10	07:00	00:32	-	02:18	-	-	-	11:49	-	-	02:19	-	-
28-May-10	07:00	00:34	-	-	05:36	-	09:32	01:16	-	-	-	-	-
29-May-10	07:00	00:52	00:24	-	05:57	-	09:45	-	-	-	-	-	-
30-May-10	07:00	00:30	-	-	09:11	-	07:17	-	-	-	-	-	-
31-May-10	07:00	00:20	-	02:40	00:38	-	-	13:19	-	-	-	-	-
Total	217:00	14:22	42:56	43:03	75:34	00:00	148:58	185:45	00:00	8:01	8:15	00:00	00:00
% Used		2.73%	8.15%	8.17%	14.34%	0.00%	28.27%	35.25%	0.00%	1.52%	1.57%	0.00%	0.00%

Cumulative Mode Utilisation from 1 January 2010

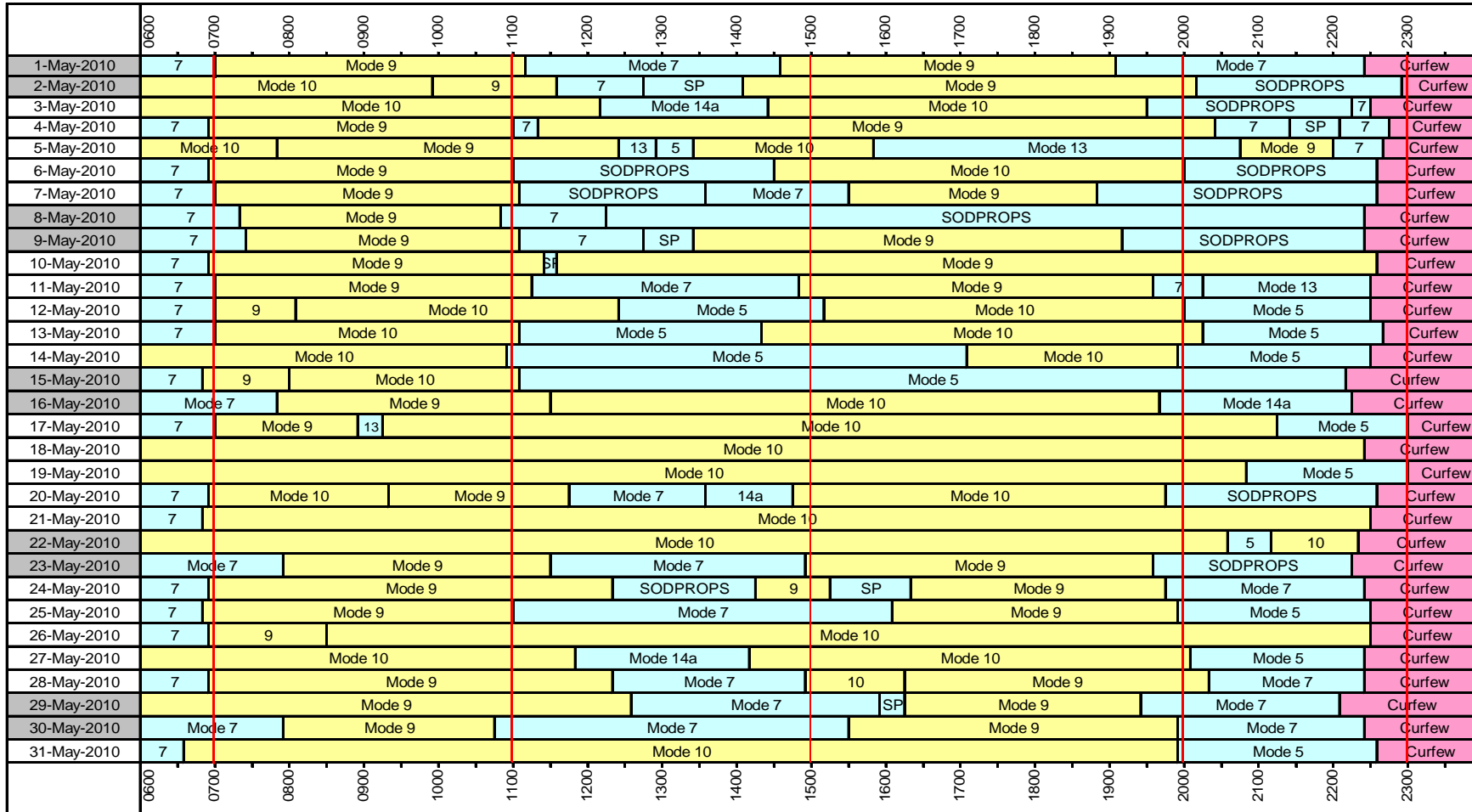
Time	2.30%	5.90%	4.81%	5.28%	0.00%	32.53%	37.78%	0.04%	0.47%	5.12%	5.75%	0.02%
Movements	0.33%	4.49%	3.82%	4.39%	0.00%	37.00%	41.20%	0.02%	0.46%	3.95%	4.32%	0.01%

Runway End Impact to 31 May 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

M14A: Dep 16L+R Arr 07 M15: Dep 34R Arr 34L

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 and the community, to meet the requirements of the 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 **May 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	
03 May 2010	6:44	8:22	1:38
18 May 2010	6:47	9:07	2:20
19 May 2010	6:39	9:14	2:35
27 May 2010	6:30	9:05	2:35
31 May 2010	7:07	9:50	2:43

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
03 May 2010	56	25	31
18 May 2010	74	31	43
19 May 2010	85	38	47
27 May 2010	86	38	48
31 May 2010	90	41	49

Complaints and complainants by suburb, specifically mentioning PRM operations

Suburb	Number of complaints	Number of complainants
-	0	0

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.aus

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	community.relations@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:

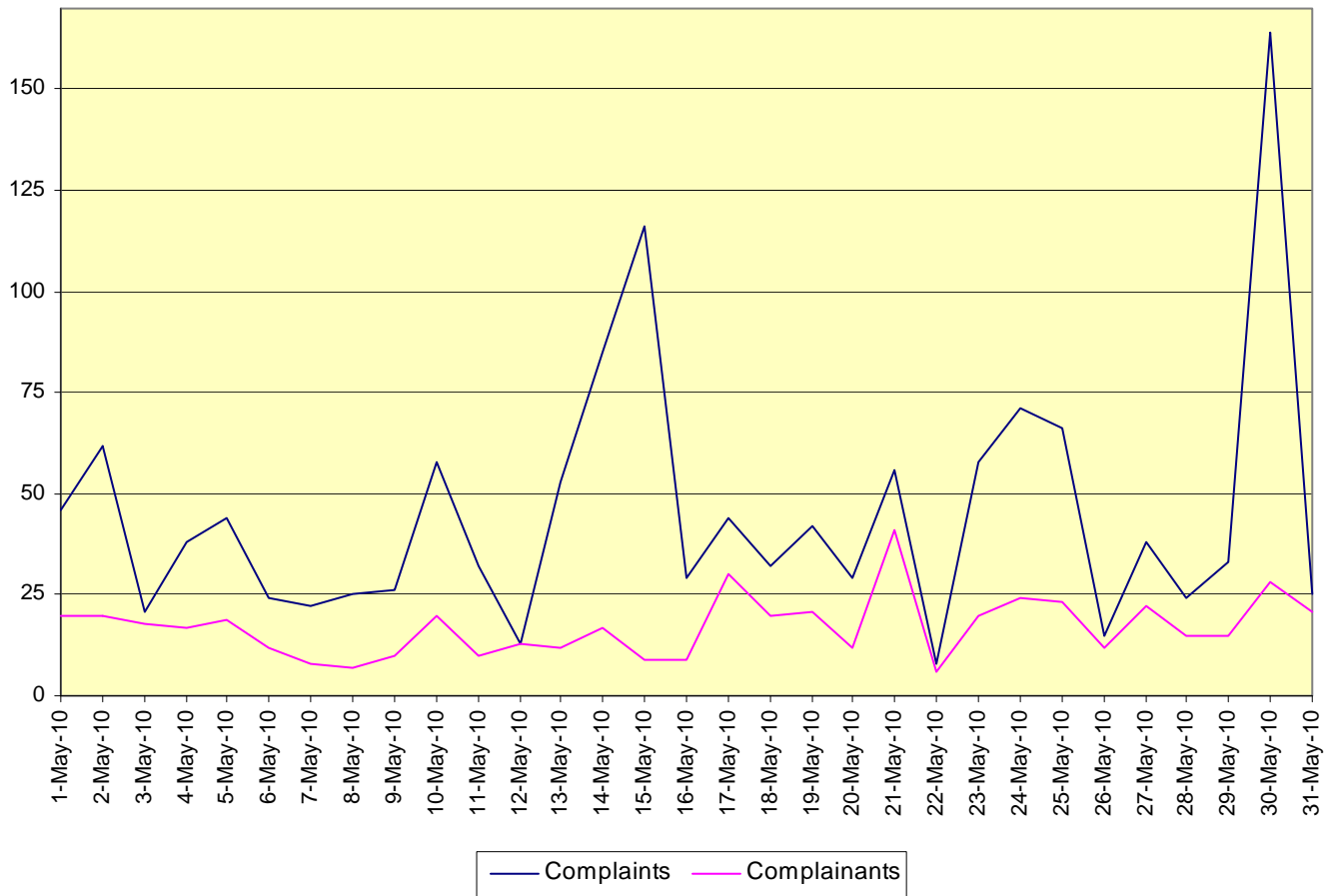
www.sacf.infrastructure.gov.au

Summary of Section Activity – May 2010

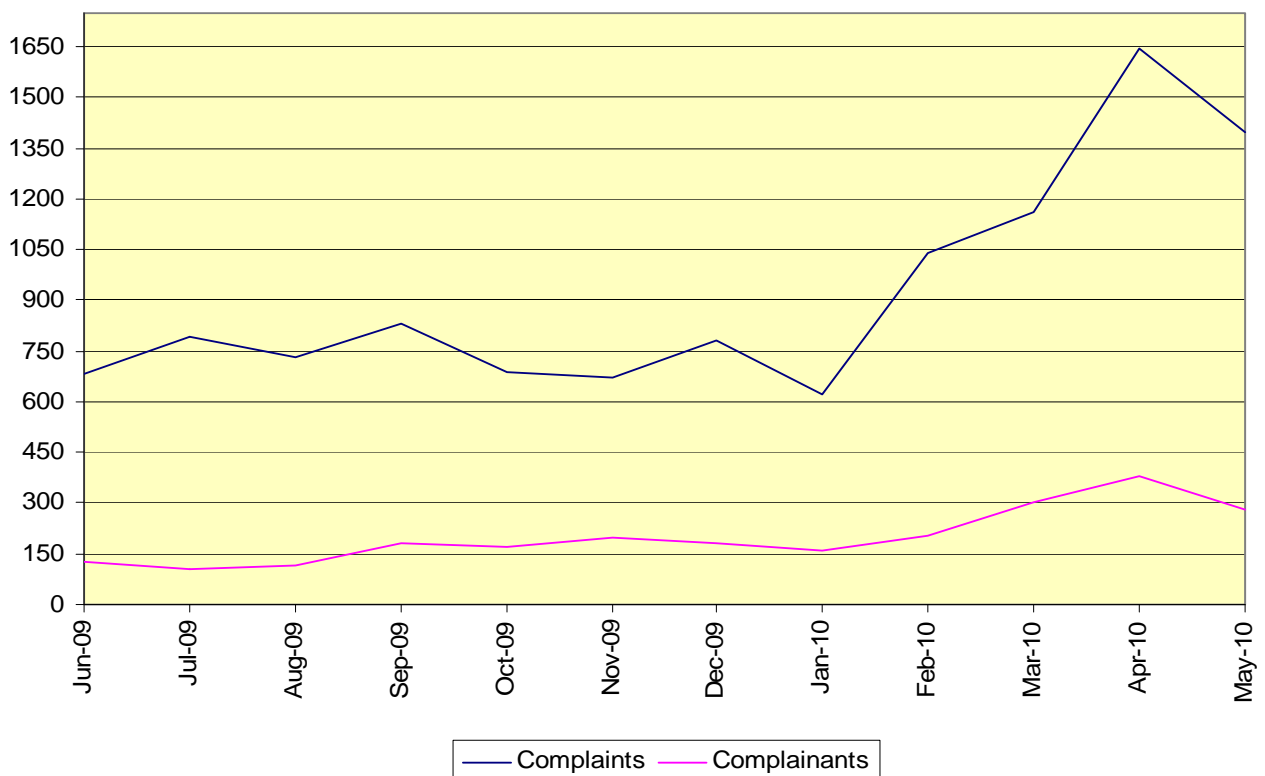
➤ Sydney Suburbs Complaints	
• By phone	407
• By correspondence.....	24
• By internet	362
• By e-mail.....	585
• By WebTrak.....	21
➤ Sydney Suburbs Complaints – suburb not specified	6
➤ Sydney Suburbs Comments and Enquiries.....	61
➤ Other than Sydney Suburbs or Sydney Airport (NSW Only) Complaints	45
➤ Other than Sydney Suburbs or Sydney Airport (NSW Only) Comments and Enquiries.....	13
➤ Callback / Information Requests (NSW Only)	418

Complaints Graphs

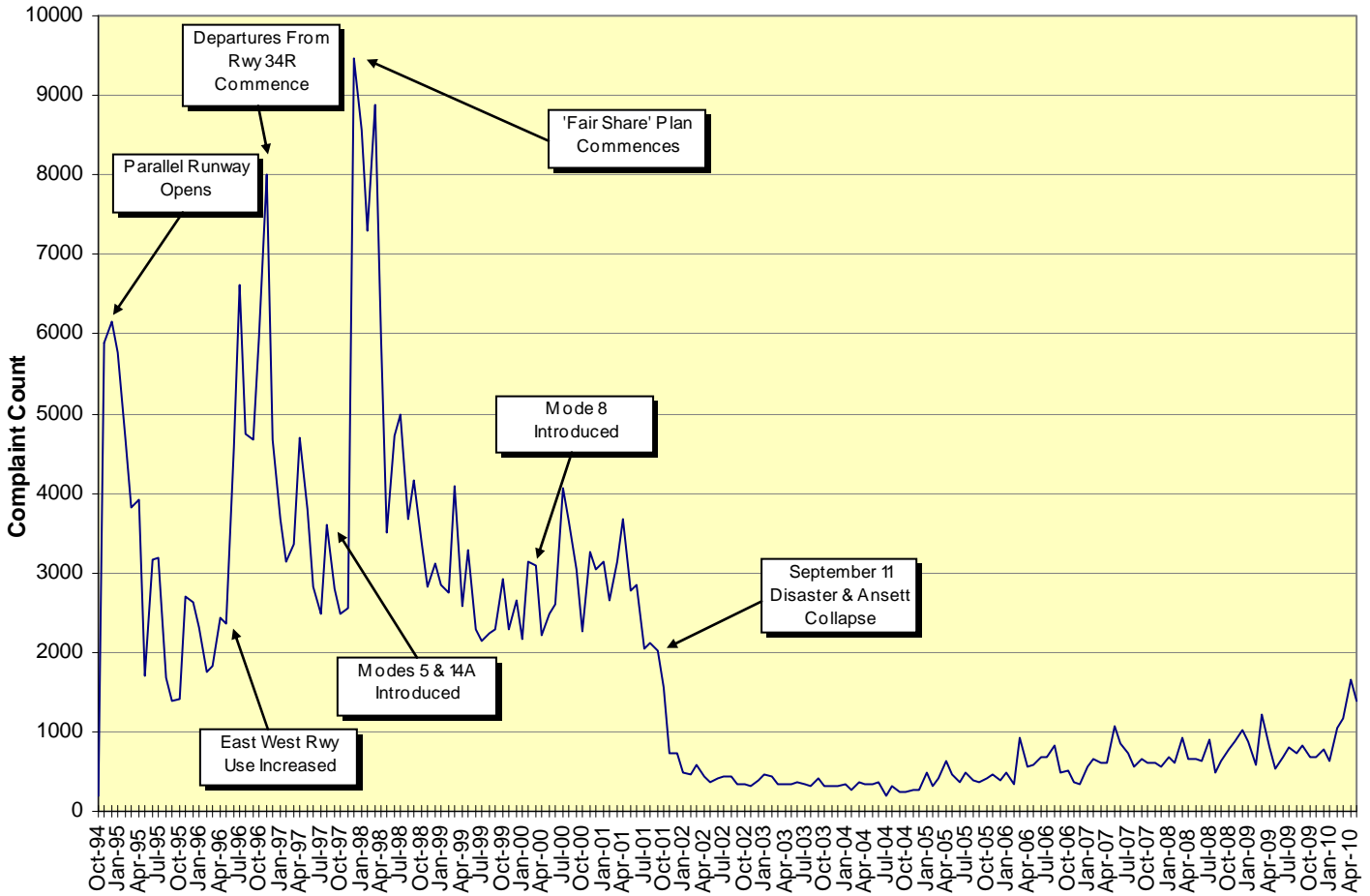
Complaints vs Complainants – 1 May to 31 May 2010



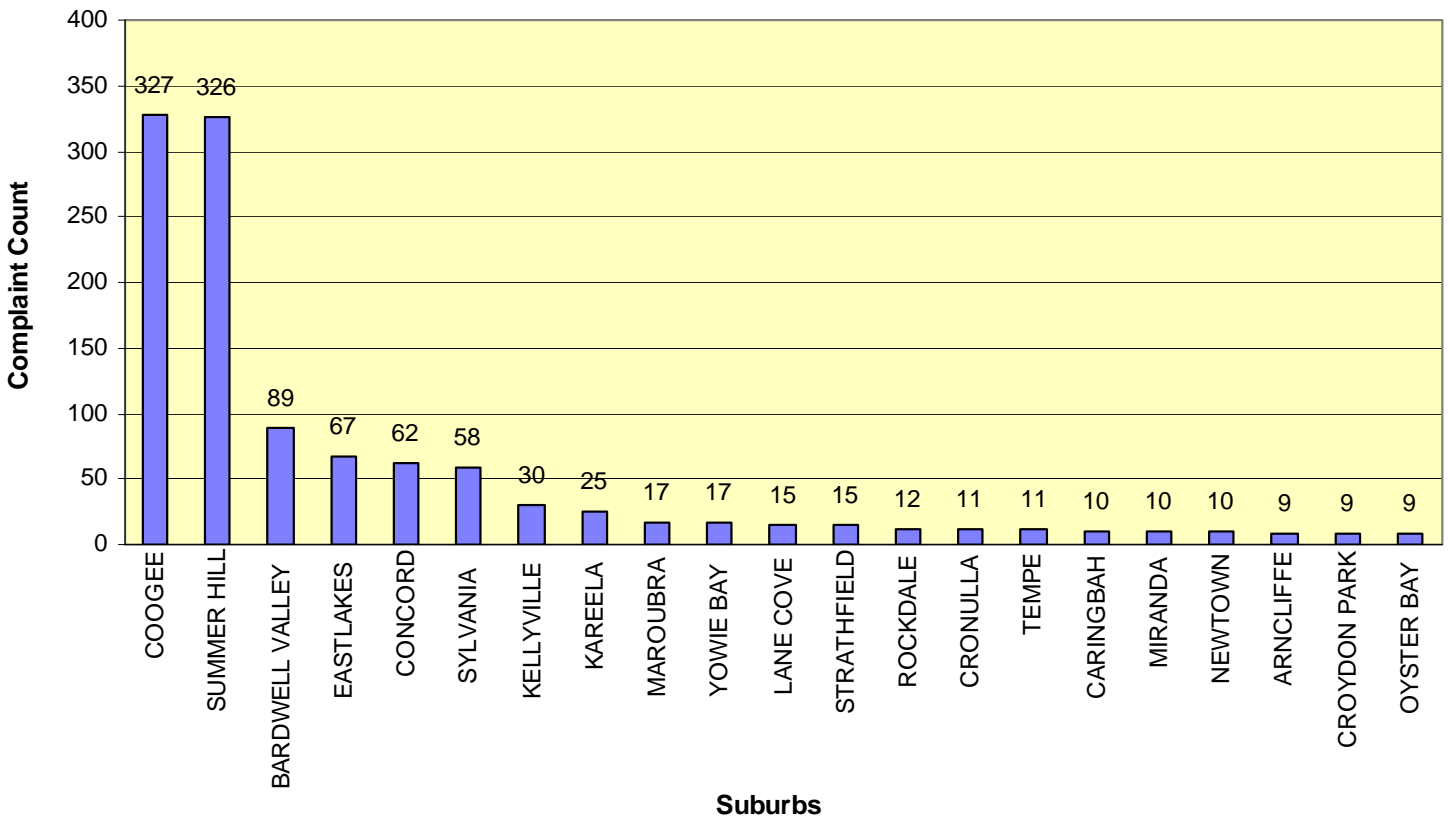
Complaints vs Complainants – Monthly



Complaints History

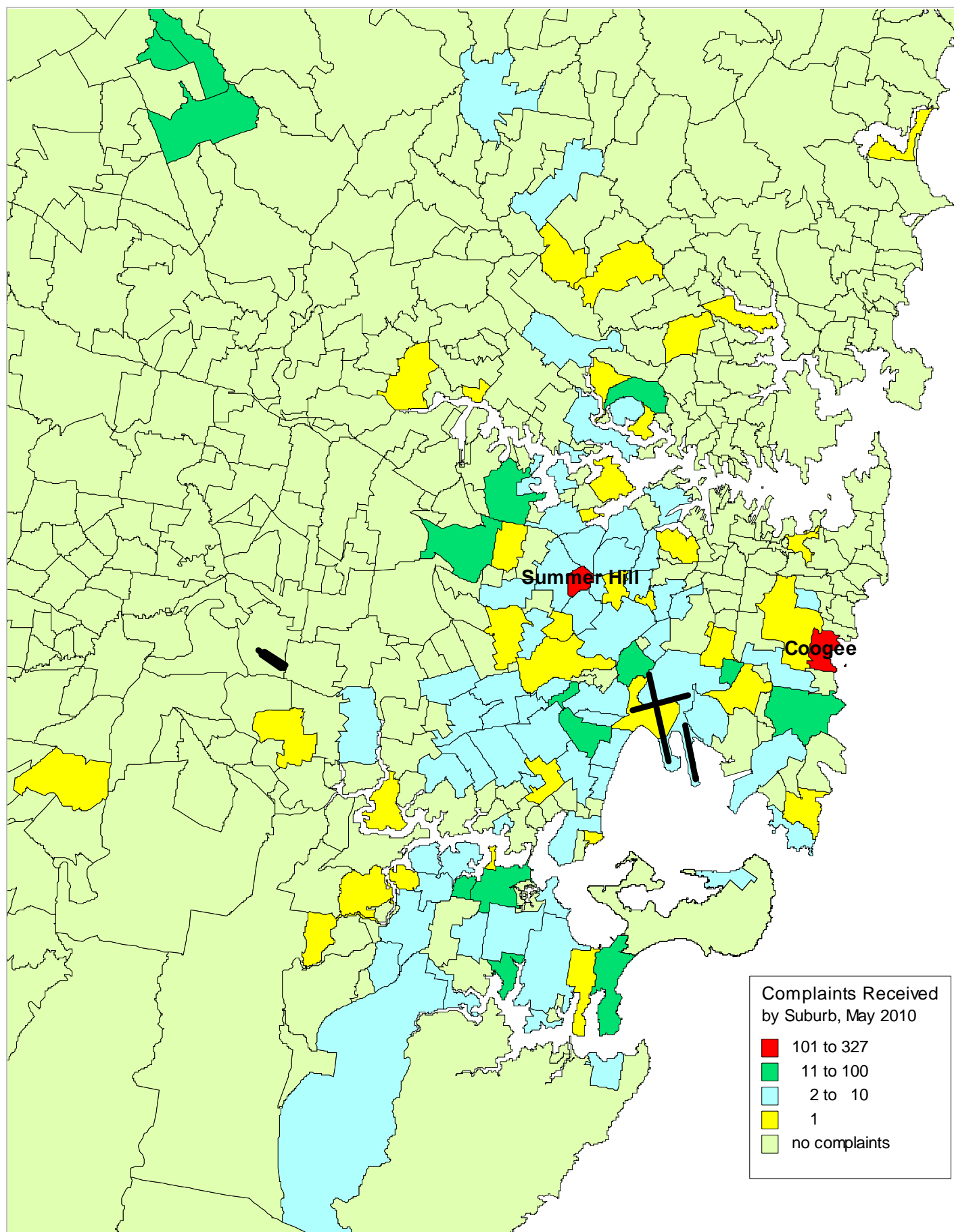


Top 20 Complaint Suburbs – 1 May to 31 May 2010



Complaint Density by Suburb

1 May to 31 May 2010



Recorded Complaints vs Complainants, by Suburb

1 May to 31 May 2010

<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>	<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>
Not Specified	6	4	Killara	1	1
Abbotsford	4	3	Kingsford	5	4
Allawah	2	1	Kingsgrove	6	5
Annandale	3	2	Kogarah	2	2
Arncliffe	9	5	Kurnell	6	4
Ashfield	3	2	Kyeemagh	1	1
Balmain	2	2	Kyle Bay	4	2
Bangor	1	1	La Perouse	2	1
Banksia	6	1	Lane Cove	15	5
Barden Ridge	1	1	Lane Cove West	1	1
Bardwell Park	3	2	Leichhardt	7	6
Bardwell Valley	89	3	Lewisham	7	3
Beaconsfield	1	1	Lilli Pilli	2	2
Beverly Hills	2	2	Lilyfield	7	2
Bexley	6	5	Little Bay	1	1
Bexley North	5	4	Loftus	2	2
Bonnet Bay	1	1	Longueville	1	1
Botany	4	2	Lugarno	1	1
Brighton-Le-Sands	3	2	Maroubra	17	7
Bundeena	6	3	Marrickville	7	7
Burwood	1	1	Mascot	7	3
Cabarita	2	1	Matraville	2	2
Campsie	1	1	Meadowbank	1	1
Canterbury	2	1	Miranda	10	5
Caringbah	10	8	Monterey	3	3
Carlton	1	1	Mortdale	3	2
Castle Cove	1	1	Narrabeen	1	1
Chatswood	1	1	Newtown	10	2
Como	2	1	North Ryde	2	2
Concord	62	3	Oyster Bay	9	1
Coogee	327	9	Padstow	2	1
Cronulla	11	8	Pagewood	1	1
Croydon Park	9	1	Panania	1	1
Dolls Point	1	1	Penshurst	4	4
Double Bay	1	1	Petersham	1	1
Drummoyne	1	1	Port Hacking	2	1
Dulwich Hill	7	3	Queens Park	2	2
Earlwood	1	1	Randwick	1	1
Eastlakes	67	2	Riverview	5	1
Enmore	1	1	Rockdale	12	7
Ermington	1	1	Rodd Point	1	1
Erskineville	3	2	Rosebery	1	1
Five Dock	2	2	Roselands	4	3
Glebe	1	1	Sans Souci	7	7
Glenfield	1	1	St Peters	3	3
Grays Point	2	2	Stanmore	2	2
Gymea	8	5	Strathfield	15	1
Haberfield	2	2	Summer Hill	326	6
Henley	2	2	Sutherland	2	1
Hornsby	2	2	Sylvania	58	8
Hunters Hill	6	3	Taren Point	5	2
Hurlstone Park	1	1	Tempe	11	2
Hurstville	6	4	Turramurra	4	3
Jannali	8	4	West Pymble	1	1
Kangaroo Point	1	1	Woolooware	1	1
Kareela	25	7	Yowie Bay	17	6
Kellyville	30	1			
Total Complaints	1399		Total Complainants	283	

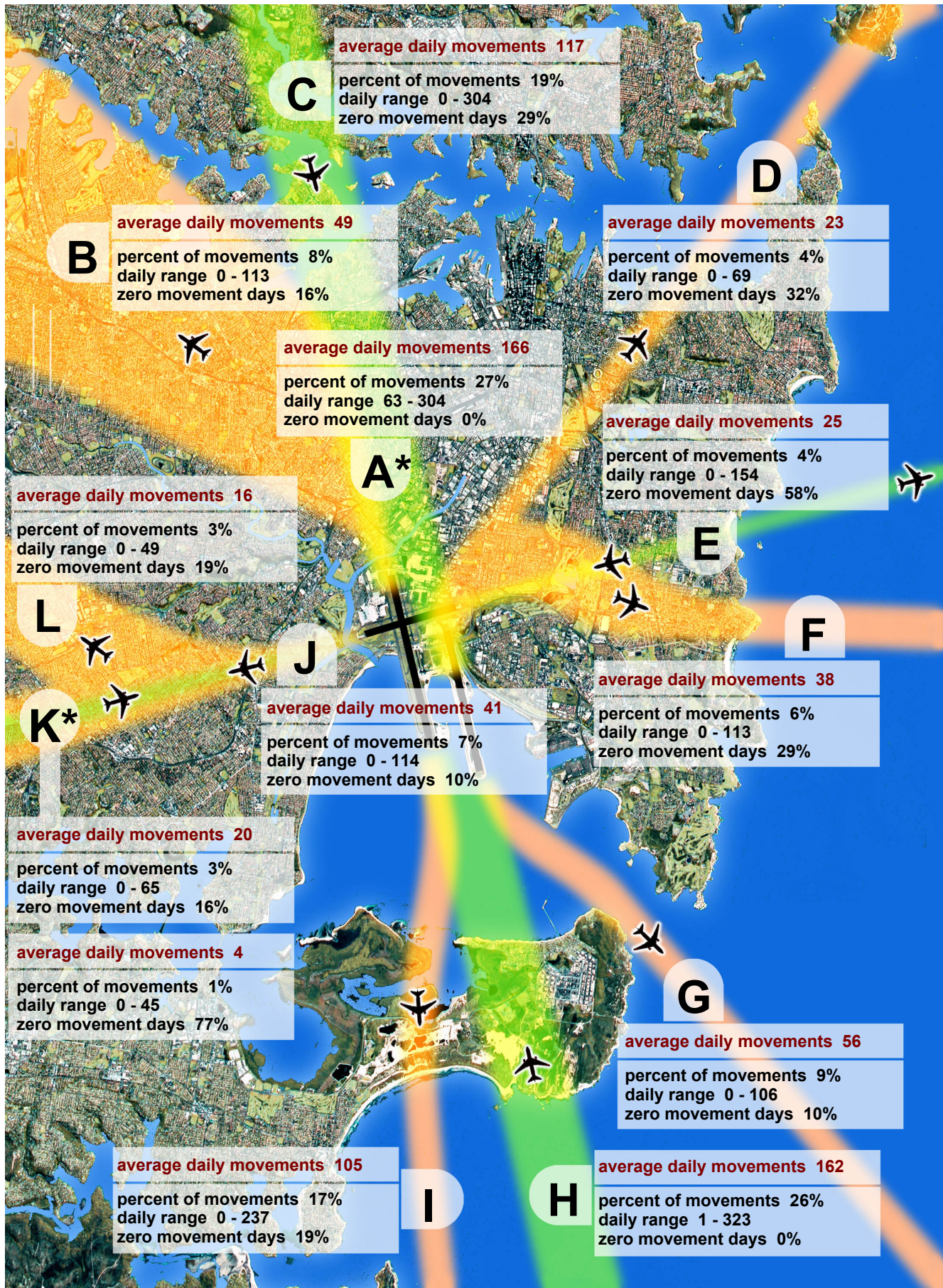
Recorded Complaints vs Complainants, by Locations/Airports Other than Sydney (NSW Only)

1 May to 31 May 2010

<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>	<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>
Albion Park	1	1	North Rocks	1	1
Albury	1	1	Not Applicable	2	2
Bankstown	7	7	Richmond	2	1
Bowen Mountain	1	1	St George Hospital	1	1
Brandy Hill	1	1	Tamworth	1	1
Camden	16	8	Tyagarah	1	1
Lismore Airport	1	1	Wentworth Falls	1	1
Menindee	1	1	Whoota	1	1
Michelago	1	1	Williamtown	4	4
Mudgee	1	1			
Total Complaints	45		Total Complainants		36

Sydney Airport : Jet Flight Path Movements

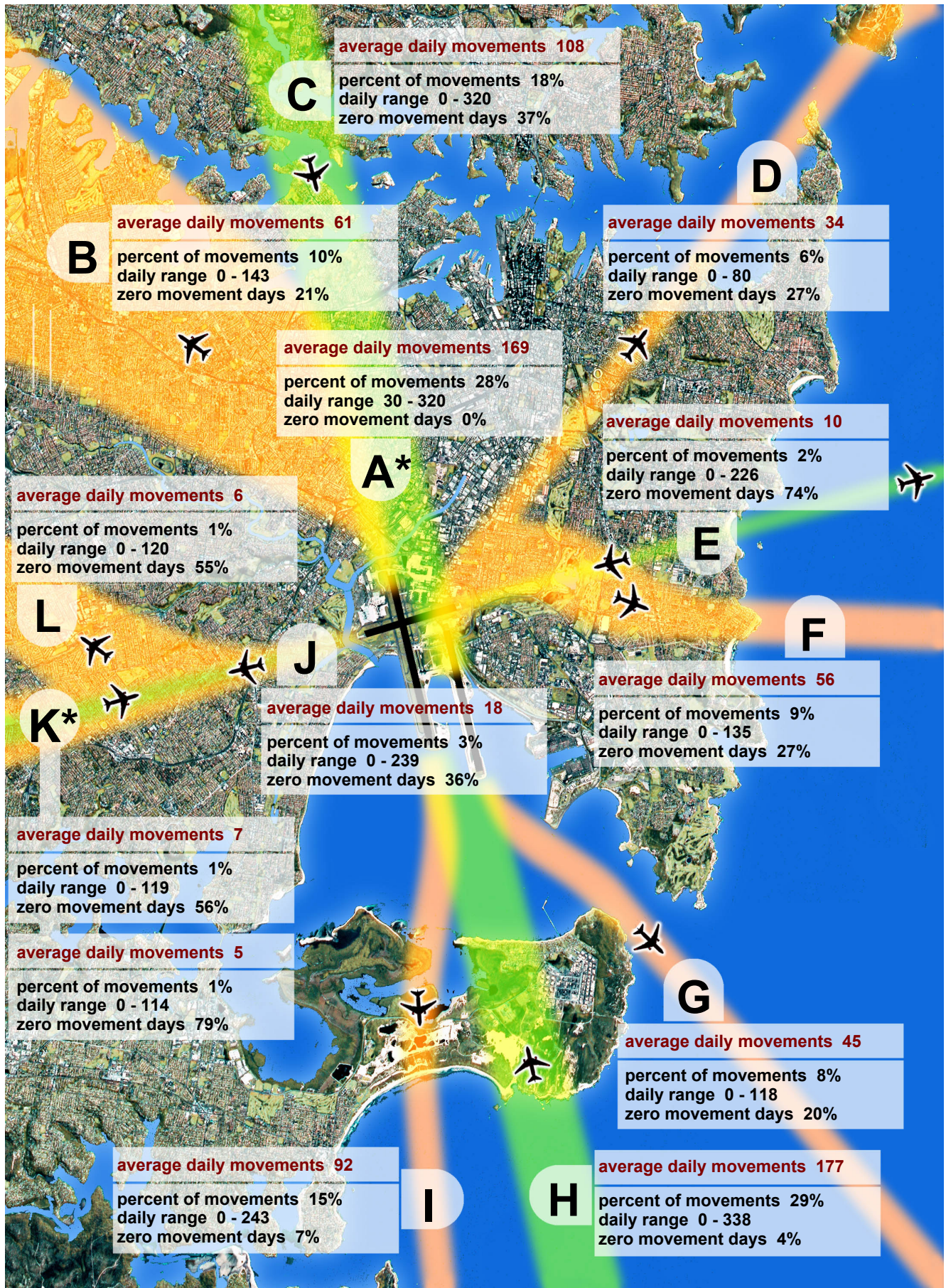
1 May 2010 to 31 May 2010, All Jets



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

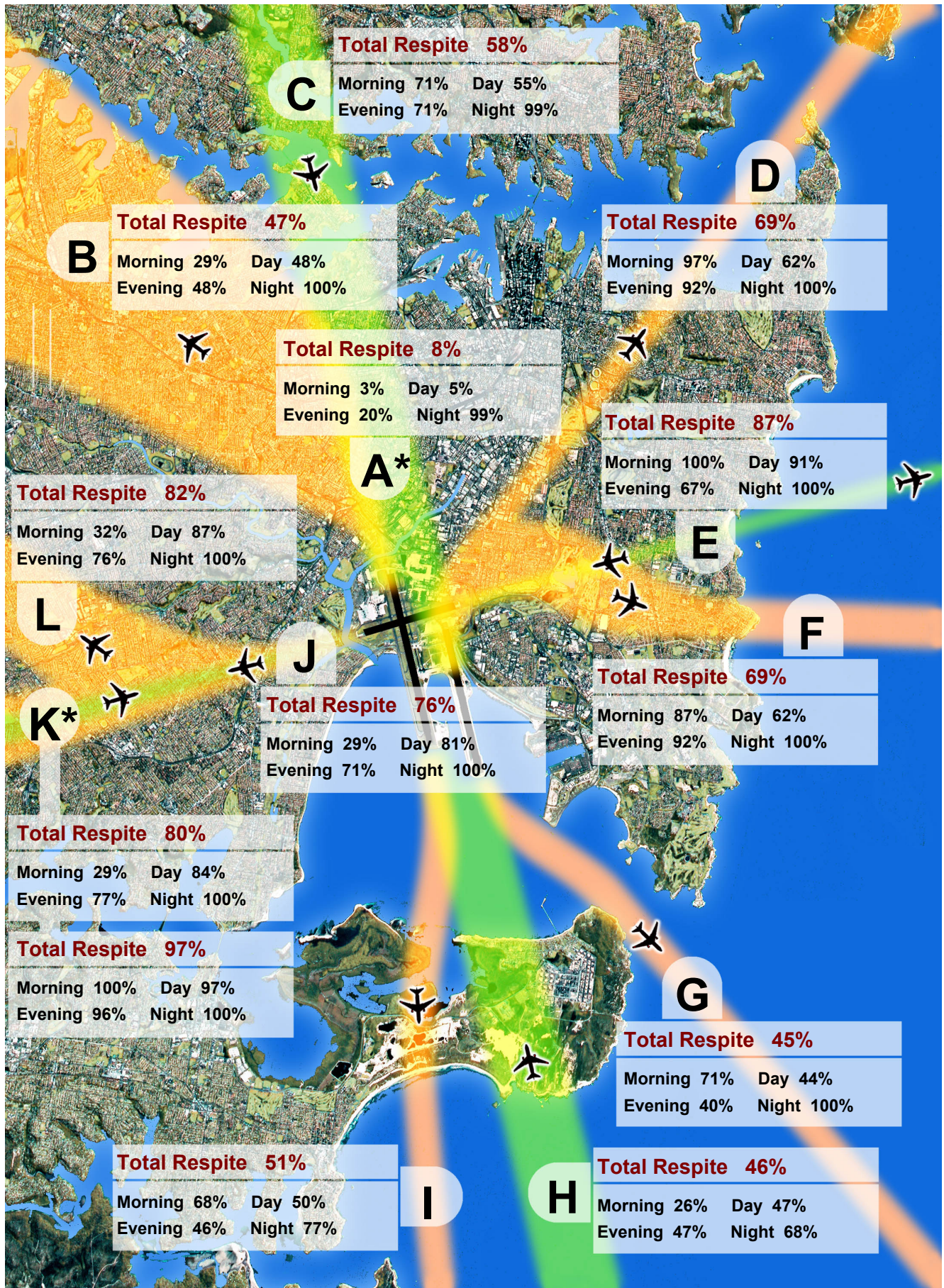
1 June 2009 to 31 May 2010, All Jets



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 May 2010 to 31 May 2010, All Jets



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

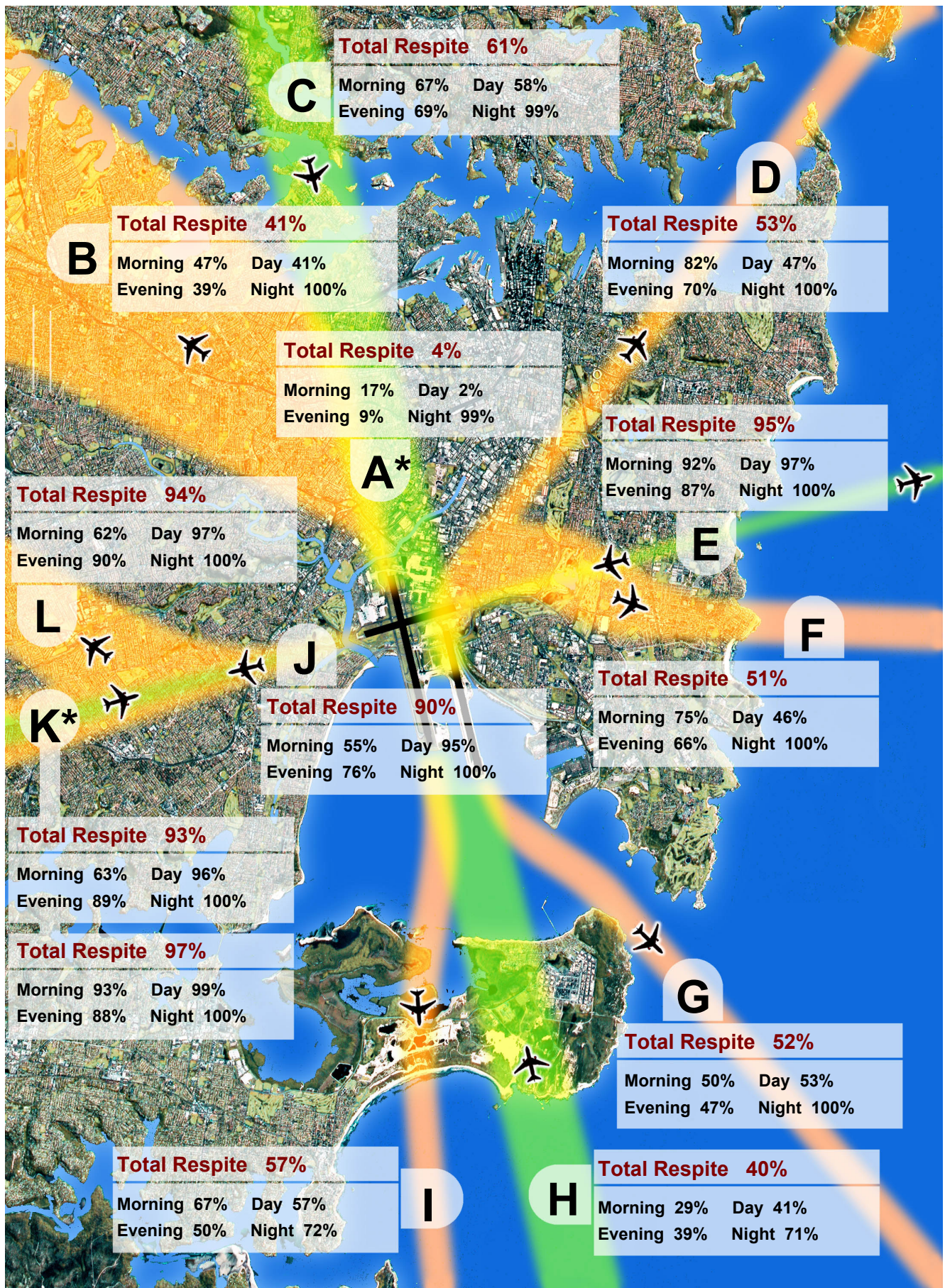
A respite interval is a 60 minute period when there are no jet movements (R60).

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 June 2009 to 31 May 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)

June 2009 to May 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 preliminary Aviation Data Processor data and is subject to change.

	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 June 2009 .
	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 October 2009 .
	Arrivals from the north on runways 16L and 16R	
D	North-east	Area gets overflights (departures) from Modes 9 & 15 . Due to seasonal changes in wind patterns the highest use of Mode 9 was in June 2009 and Mode 15 was in March 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 April 2010 .
	Arrivals on runway 25 and departures from runway 07	
F	East - Maroubra	Area gets overflights (departures) from Modes 9 & 15 . Due to seasonal changes in wind patterns the highest use of Mode 9 was in June 2009 and Mode 15 was in March 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 June 2009 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 April 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 **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 **June 2009 to May 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 53%**. This means that over the period **June 2009 to May 2010 for 53%** 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. The Environment Services Branch 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 May 2010.



Figure 1. NMT sites about Sydney Airport and the daily N70 values for the month of May 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 May 2010 along with the Daily N70 values for the three months up to and including May are given in Table 1.

<i>Location</i>	<i>CNE May</i>	<i>Operational Days May</i>	<i>N70 May</i>	<i>N70 Apr</i>	<i>N70 Mar</i>
<i>Threshold rwy 34</i>	<i>8,840</i>	<i>30.9</i>	<i>281</i>	<i>231</i>	<i>166</i>
<i>Penshurst</i>	<i>1,024</i>	<i>30.9</i>	<i>23</i>	<i>37</i>	<i>14</i>
<i>Bexley</i>	<i>1,378</i>	<i>30.9</i>	<i>41</i>	<i>49</i>	<i>16</i>
<i>Sydenham</i>	<i>4,721</i>	<i>30.9</i>	<i>152</i>	<i>125</i>	<i>163</i>
<i>Johnston St. Annandale</i>	<i>2,864</i>	<i>30.9</i>	<i>66</i>	<i>50</i>	<i>65</i>
<i>Church St. St Peters</i>	<i>2,876</i>	<i>30.8</i>	<i>56</i>	<i>32</i>	<i>77</i>
<i>Leichhardt PEMU 36</i>	<i>3,039</i>	<i>30.9</i>	<i>93</i>	<i>73</i>	<i>83</i>
<i>Eastlakes</i>	<i>2,257</i>	<i>30.9</i>	<i>68</i>	<i>65</i>	<i>52</i>
<i>Coogee</i>	<i>1,111</i>	<i>30.9</i>	<i>33</i>	<i>37</i>	<i>5</i>
<i>Kurnell</i>	<i>2,681</i>	<i>30.9</i>	<i>71</i>	<i>54</i>	<i>63</i>
<i>Croydon</i>	<i>532</i>	<i>30.9</i>	<i>13</i>	<i>10</i>	<i>14</i>
<i>Hunters Hill</i>	<i>4,770</i>	<i>30.9</i>	<i>62</i>	<i>44</i>	<i>49</i>

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

The N70 values for May 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 17 PM 32 Day 224 Night 15 WE_D 245 WE_N 4	Penshurst AM 6 PM 2 Day 13 Night 0 WE_D 29 WE_N 0	Bexley AM 11 PM 4 Day 20 Night 0 WE_D 53 WE_N 0	Eastlakes AM 0 PM 19 Day 52 Night 0 WE_D 60 WE_N 0
Coogee AM 0 PM 17 Day 21 Night 0 WE_D 22 WE_N 0	Sydenham AM 6 PM 11 Day 148 Night 0 WE_D 122 WE_N 0	Leichhardt PEMU36 AM 6 PM 6 Day 102 Night 0 WE_D 48 WE_N 0	Kurnell AM 4 PM 4 Day 57 Night 0 WE_D 82 WE_N 0
Annandale AM 2 PM 3 Day 79 Night 0 WE_D 27 WE_N 0	St Peters AM 1 PM 5 Day 59 Night 0 WE_D 38 WE_N 0	Croydon AM 1 PM 1 Day 8 Night 0 WE_D 19 WE_N 0	Hunters Hill AM 5 PM 4 Day 65 Night 0 WE_D 33 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), Aviation Data Processor (ADP), 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.