



AIRSERVICES AUSTRALIA

Sydney Airport
Operational Statistics
April 2010

Produced by Environment and Climate Change

PREVIEW

Sydney Airport Operational Statistics Report Preview

April 2010

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

There was a total of 24,969 aircraft movements this month (daily average 832.30). Last month there were a total of 25,661 movements (daily average 827.77) and for the same month last year there were a total of 21,972 movements (daily average 732.40).

Mode Utilisation (refer pages 11 & 13)

Individual mode use in excess of 9 hours occurred on 16 days this month, Mode 9 on 9 days and Mode 10 on 6 days. Crossing runway modes (including Sodprops & Mode 15) were used for 43.1% 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 25.21% - This result is above the LTOP target but below the previous month (31.55%)

South 53.91% - This result is below the LTOP target but above the previous month (51.81%)

East 13.65% - This result is above the LTOP target but below the previous month (14.67%)

West 7.22% - This result is below the LTOP target but above the previous month (1.95%).

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

This procedure was used on the 16 and 30 of April for a total of 4 hours and 17 minutes (ATIS time).

Noise Enquiry Service (refer pages 15-20)

A total of 1835 complaints, comments and enquiries were received as follows:

1642 Sydney suburbs complaints from 380 complainants

64 Sydney suburbs comments and enquiries

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

www.airservicesaustralia.com

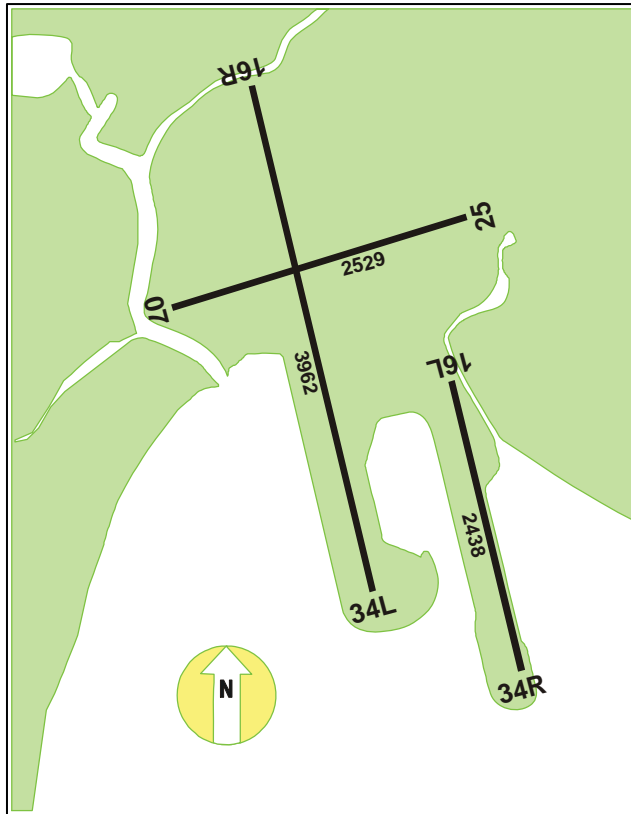
click on “Projects & Services”, “Reports & Statistics” **then**

“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.

On 9 & 16/8/10 amendments were made to this report as a result of data validation checks following the commissioning of the upgraded NFPMS.

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.

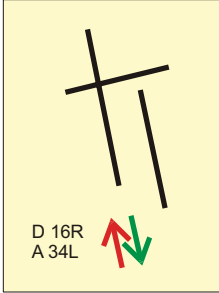
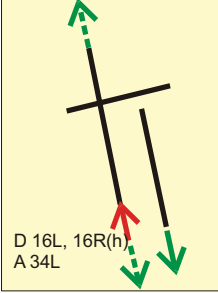
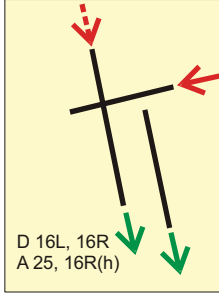
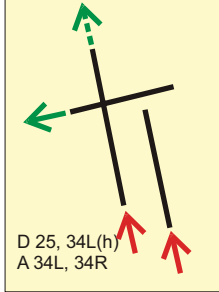
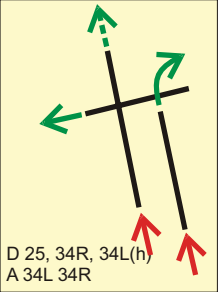
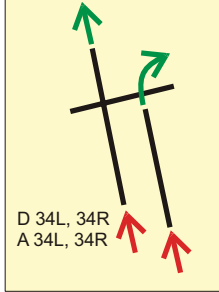
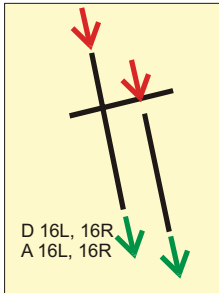
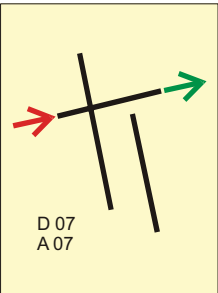
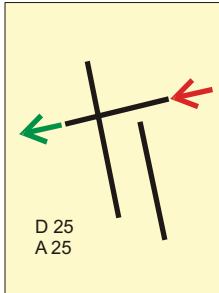
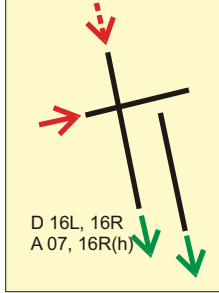
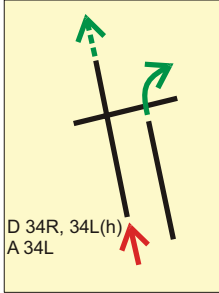




Runways 16L and 16R Used by aircraft landing or taking off towards the South.
 (16=approx. 160 degrees magnetic bearing)
 Runway 34L Used by aircraft landing or taking off towards the North.
 (34=approx. 340 degrees magnetic bearing)
 Runway 34R Used by aircraft landing toward the north and taking off 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 (expected April 2010). 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	
01-Apr-10	2	0	2	129	141	270	169	300	469	126	3	129	17	3	20	0	0	0	0	0	0	890
02-Apr-10	0	0	0	104	119	223	176	280	456	129	3	132	3	0	3	0	0	0	0	0	0	814
03-Apr-10	99	0	99	64	89	153	126	222	348	36	13	49	8	1	9	0	0	0	0	0	0	658
04-Apr-10	48	0	48	93	102	195	181	256	437	29	0	29	2	0	2	0	0	0	0	0	0	711
05-Apr-10	80	1	81	77	114	191	97	198	295	1	21	22	117	35	152	31	48	79	0	0	0	820
06-Apr-10	4	0	4	18	23	41	27	42	69	0	25	25	277	153	430	121	190	311	0	0	0	880
07-Apr-10	0	0	0	3	1	4	4	16	20	0	17	17	292	180	472	140	228	368	0	0	0	881
08-Apr-10	1	0	1	85	74	159	125	184	309	94	77	171	97	52	149	47	66	113	0	0	0	902
09-Apr-10	0	0	0	103	133	236	169	310	479	143	4	147	30	8	38	0	0	0	0	0	0	900
10-Apr-10	1	0	1	0	47	47	0	0	0	0	11	11	266	141	407	96	149	245	0	0	0	711
11-Apr-10	0	0	0	5	57	62	16	17	33	1	0	1	279	157	436	86	173	259	0	0	0	791
12-Apr-10	1	0	1	123	157	280	181	247	428	50	0	50	80	29	109	0	0	0	0	0	0	868
13-Apr-10	37	0	37	73	111	184	117	252	369	97	2	99	82	31	113	36	40	76	0	0	0	878
14-Apr-10	2	0	2	0	0	0	0	12	12	0	81	81	287	160	447	149	192	341	0	0	0	883
15-Apr-10	131	0	131	82	98	180	117	252	369	0	16	16	82	36	118	43	54	97	0	0	0	911
16-Apr-10	60	0	60	126	144	270	170	304	474	70	2	72	31	6	37	0	0	0	0	0	0	913
17-Apr-10	165	0	165	20	95	115	41	163	204	0	15	15	110	39	149	27	31	58	0	0	0	706
18-Apr-10	80	0	80	76	130	206	112	209	321	0	0	0	103	33	136	12	22	34	0	0	0	777
19-Apr-10	122	0	122	64	96	160	95	214	309	1	1	2	108	64	172	52	66	118	0	0	0	883
20-Apr-10	2	0	2	0	131	131	0	14	14	0	2	2	340	155	495	87	123	210	0	0	0	854
21-Apr-10	1	0	1	0	67	67	1	8	9	0	30	30	290	170	460	134	156	290	0	0	0	857
22-Apr-10	3	0	3	0	77	77	0	11	11	1	20	21	324	178	502	120	164	284	0	0	0	898
23-Apr-10	0	0	0	0	0	0	1	7	8	0	93	93	291	168	459	151	182	333	0	0	0	893
24-Apr-10	0	0	0	0	55	55	2	9	11	18	113	131	238	92	330	95	65	160	0	0	0	687
25-Apr-10	0	0	0	62	97	159	120	263	383	154	8	162	18	1	19	4	0	4	0	0	0	727
26-Apr-10	31	0	31	88	135	223	136	253	389	89	2	91	55	15	70	0	0	0	0	0	0	804
27-Apr-10	2	0	2	0	26	26	0	9	9	0	151	151	273	122	395	145	108	253	0	0	0	836
28-Apr-10	0	0	0	0	24	24	1	8	9	0	98	98	293	148	441	129	147	276	0	0	0	848
29-Apr-10	0	0	0	45	67	112	68	108	176	3	101	104	210	86	296	115	82	197	0	0	0	885
30-Apr-10	0	0	0	149	121	270	190	306	496	81	22	103	27	1	28	6	0	6	0	0	0	903
Total	872	1	873	1589	2531	4120	2442	4474	6916	1123	931	2054	4630	2264	6894	1826	2286	4112	0	0	0	24969

Runway Movement Summary – Jet Aircraft Only

Date	Runway 07			Runway 16 Left			Runway 16 Right			Runway 25			Runway 34 Left			Runway 34 Right			Unknown Runway			Day
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	
01-Apr-10	0	0	0	84	101	185	138	225	363	89	1	90	14	2	16	0	0	0	0	0	0	654
02-Apr-10	0	0	0	72	86	158	142	233	375	102	1	103	1	0	1	0	0	0	0	0	0	637
03-Apr-10	76	0	76	48	68	116	113	190	303	30	12	42	8	1	9	0	0	0	0	0	0	546
04-Apr-10	40	0	40	68	76	144	153	211	364	26	0	26	2	0	2	0	0	0	0	0	0	576
05-Apr-10	56	0	56	46	87	133	82	154	236	0	17	17	107	25	132	25	38	63	0	0	0	637
06-Apr-10	1	0	1	12	18	30	22	36	58	0	20	20	221	92	313	77	157	234	0	0	0	656
07-Apr-10	0	0	0	2	1	3	2	8	10	0	14	14	230	116	346	90	187	277	0	0	0	650
08-Apr-10	0	0	0	53	51	104	98	135	233	69	56	125	79	35	114	29	54	83	0	0	0	659
09-Apr-10	0	0	0	71	96	167	134	231	365	98	0	98	24	8	32	0	0	0	0	0	0	662
10-Apr-10	0	0	0	0	43	43	0	0	0	0	10	10	227	103	330	57	125	182	0	0	0	565
11-Apr-10	0	0	0	5	53	58	16	16	32	1	0	1	232	103	335	55	142	197	0	0	0	623
12-Apr-10	1	0	1	73	118	191	139	188	327	43	0	43	63	12	75	0	0	0	0	0	0	637
13-Apr-10	35	0	35	49	80	129	94	194	288	66	0	66	67	18	85	20	33	53	0	0	0	656
14-Apr-10	0	0	0	0	0	0	0	5	5	0	60	60	229	100	329	91	162	253	0	0	0	647
15-Apr-10	99	0	99	51	63	114	90	190	280	0	15	15	65	18	83	25	45	70	0	0	0	661
16-Apr-10	40	0	40	75	103	178	139	225	364	55	0	55	23	4	27	0	0	0	0	0	0	664
17-Apr-10	120	0	120	11	74	85	36	137	173	0	14	14	95	24	119	18	26	44	0	0	0	555
18-Apr-10	61	0	61	57	101	158	80	159	239	0	0	0	99	26	125	11	19	30	0	0	0	613
19-Apr-10	90	0	90	42	70	112	74	161	235	1	1	2	88	39	127	31	55	86	0	0	0	652
20-Apr-10	1	0	1	0	112	112	0	5	5	0	0	0	266	91	357	48	103	151	0	0	0	626
21-Apr-10	0	0	0	0	55	55	0	3	3	0	20	20	229	110	339	82	129	211	0	0	0	628
22-Apr-10	1	0	1	0	64	64	0	5	5	1	18	19	243	105	348	80	137	217	0	0	0	654
23-Apr-10	0	0	0	0	0	0	0	3	3	0	66	66	232	110	342	93	153	246	0	0	0	657
24-Apr-10	0	0	0	0	51	51	1	8	9	13	86	99	211	74	285	54	55	109	0	0	0	553
25-Apr-10	0	0	0	43	69	112	98	215	313	129	7	136	16	1	17	4	0	4	0	0	0	582
26-Apr-10	26	0	26	59	102	161	117	195	312	61	0	61	49	13	62	0	0	0	0	0	0	622
27-Apr-10	0	0	0	0	25	25	0	4	4	0	106	106	230	81	311	77	88	165	0	0	0	611
28-Apr-10	0	0	0	0	21	21	1	3	4	0	71	71	232	93	325	75	121	196	0	0	0	617
29-Apr-10	0	0	0	31	50	81	48	68	116	2	76	78	177	63	240	65	67	132	0	0	0	647
30-Apr-10	0	0	0	88	82	170	148	232	380	67	17	84	23	1	24	5	0	5	0	0	0	663
Total	647	0	647	1040	1920	2960	1965	3439	5404	853	688	1541	3782	1468	5250	1112	1896	3008	0	0	0	18810

Runway Movement Summary – Non Jet Aircraft Only ¹

Date	Runway 07			Runway 16 Left			Runway 16 Right			Runway 25			Runway 34 Left			Runway 34 Right			Unknown Runway			Day
	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	Arr	Dep	Total	
01-Apr-10	2	0	2	45	40	85	31	75	106	37	2	39	3	1	4	0	0	0	0	0	0	236
02-Apr-10	0	0	0	32	33	65	34	47	81	27	2	29	2	0	2	0	0	0	0	0	0	177
03-Apr-10	23	0	23	16	21	37	13	32	45	6	1	7	0	0	0	0	0	0	0	0	0	112
04-Apr-10	8	0	8	25	26	51	28	45	73	3	0	3	0	0	0	0	0	0	0	0	0	135
05-Apr-10	24	1	25	31	27	58	15	44	59	1	4	5	10	10	20	6	10	16	0	0	0	183
06-Apr-10	3	0	3	6	5	11	5	6	11	0	5	5	56	61	117	44	33	77	0	0	0	224
07-Apr-10	0	0	0	1	0	1	2	8	10	0	3	3	62	64	126	50	41	91	0	0	0	231
08-Apr-10	1	0	1	32	23	55	27	49	76	25	21	46	18	17	35	18	12	30	0	0	0	243
09-Apr-10	0	0	0	32	37	69	35	79	114	45	4	49	6	0	6	0	0	0	0	0	0	238
10-Apr-10	1	0	1	0	4	4	0	0	0	0	1	1	39	38	77	39	24	63	0	0	0	146
11-Apr-10	0	0	0	0	4	4	0	1	1	0	0	0	47	54	101	31	31	62	0	0	0	168
12-Apr-10	0	0	0	50	39	89	42	59	101	7	0	7	17	17	34	0	0	0	0	0	0	231
13-Apr-10	2	0	2	24	31	55	23	58	81	31	2	33	15	13	28	16	7	23	0	0	0	222
14-Apr-10	2	0	2	0	0	0	0	7	7	0	21	21	58	60	118	58	30	88	0	0	0	236
15-Apr-10	32	0	32	31	35	66	27	62	89	0	1	1	17	18	35	18	9	27	0	0	0	250
16-Apr-10	20	0	20	51	41	92	31	79	110	15	2	17	8	2	10	0	0	0	0	0	0	249
17-Apr-10	45	0	45	9	21	30	5	26	31	0	1	1	15	15	30	9	5	14	0	0	0	151
18-Apr-10	19	0	19	19	29	48	32	50	82	0	0	0	4	7	11	1	3	4	0	0	0	164
19-Apr-10	32	0	32	22	26	48	21	53	74	0	0	0	20	25	45	21	11	32	0	0	0	231
20-Apr-10	1	0	1	0	19	19	0	9	9	0	2	2	74	64	138	39	20	59	0	0	0	228
21-Apr-10	1	0	1	0	12	12	1	5	6	0	10	10	61	60	121	52	27	79	0	0	0	229
22-Apr-10	2	0	2	0	13	13	0	6	6	0	2	2	81	73	154	40	27	67	0	0	0	244
23-Apr-10	0	0	0	0	0	0	1	4	5	0	27	27	59	58	117	58	29	87	0	0	0	236
24-Apr-10	0	0	0	0	4	4	1	1	2	5	27	32	27	18	45	41	10	51	0	0	0	134
25-Apr-10	0	0	0	19	28	47	22	48	70	25	1	26	2	0	2	0	0	0	0	0	0	145
26-Apr-10	5	0	5	29	33	62	19	58	77	28	2	30	6	2	8	0	0	0	0	0	0	182
27-Apr-10	2	0	2	0	1	1	0	5	5	0	45	45	43	41	84	68	20	88	0	0	0	225
28-Apr-10	0	0	0	0	3	3	0	5	5	0	27	27	61	55	116	54	26	80	0	0	0	231
29-Apr-10	0	0	0	14	17	31	20	40	60	1	25	26	33	23	56	50	15	65	0	0	0	238
30-Apr-10	0	0	0	61	39	100	42	74	116	14	5	19	4	0	4	1	0	1	0	0	0	240
Total	225	1	226	549	611	1160	477	1035	1512	270	243	513	848	796	1644	714	390	1104	0	0	0	6159

(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
01-Apr-10	2	3	0	1	3	2	30	68	70	68	54	50	47	50	50	51	53	66	65	60	38	33	23	3	890
02-Apr-10	1	1	1	0	0	0	32	60	70	62	56	53	50	37	45	55	40	60	59	49	37	26	19	1	814
03-Apr-10	0	0	0	0	1	0	26	44	57	57	53	48	43	31	44	46	32	38	39	37	27	20	15	0	658
04-Apr-10	0	0	0	0	0	2	36	32	50	45	45	44	42	39	55	48	44	55	61	42	28	27	16	0	711
05-Apr-10	0	1	0	0	0	3	42	52	65	56	57	56	42	36	50	57	45	62	67	50	37	25	16	1	820
06-Apr-10	0	0	0	0	1	2	48	65	72	64	49	60	47	42	51	56	43	56	65	54	38	37	23	7	880
07-Apr-10	3	5	1	1	1	6	42	62	69	62	66	54	40	42	51	51	48	55	67	56	38	32	23	6	881
08-Apr-10	4	2	0	3	0	5	43	69	67	72	48	52	51	38	54	53	46	64	56	63	43	32	30	7	902
09-Apr-10	0	5	1	1	2	4	47	62	77	59	63	56	48	41	50	61	48	62	73	59	37	32	11	1	900
10-Apr-10	0	0	1	0	1	3	33	54	62	66	53	48	39	38	41	48	36	38	56	32	25	27	10	0	711
11-Apr-10	2	1	2	1	0	2	36	39	48	51	50	45	41	47	52	51	54	55	68	61	33	32	18	2	791
12-Apr-10	1	1	0	0	0	4	44	69	69	63	58	57	41	35	53	53	46	63	68	53	37	25	20	8	868
13-Apr-10	4	1	0	2	4	3	43	73	70	63	52	54	45	42	49	54	43	60	72	53	35	31	17	8	878
14-Apr-10	3	1	0	2	2	4	42	65	75	57	61	55	38	43	50	55	47	61	67	62	35	29	19	10	883
15-Apr-10	3	2	1	1	2	4	43	68	70	64	63	61	43	37	48	60	46	66	71	59	39	36	18	6	911
16-Apr-10	8	1	3	1	1	5	48	61	72	70	60	54	48	39	50	57	57	68	69	58	39	29	15	0	913
17-Apr-10	1	0	0	1	1	3	37	53	65	62	55	49	42	35	40	46	32	40	54	30	26	25	8	1	706
18-Apr-10	0	0	0	0	0	1	33	42	53	47	48	49	47	36	52	52	55	58	67	58	33	30	15	1	777
19-Apr-10	0	0	1	0	0	3	40	59	76	65	63	58	46	42	52	53	50	63	65	54	37	27	21	8	883
20-Apr-10	4	3	1	1	1	5	45	64	69	65	59	45	41	40	46	48	43	62	71	49	32	29	23	8	854
21-Apr-10	3	1	1	1	3	3	42	58	68	60	52	52	47	44	55	55	43	58	62	54	31	33	24	7	857
22-Apr-10	4	2	1	2	2	3	42	66	81	60	63	46	50	35	46	57	45	64	69	60	42	28	24	6	898
23-Apr-10	5	2	0	2	2	1	46	65	75	61	60	57	45	42	53	55	52	59	70	54	39	31	17	0	893
24-Apr-10	1	1	0	0	0	3	37	54	60	58	54	47	43	33	39	40	35	42	45	36	26	23	10	0	687
25-Apr-10	0	0	2	0	0	3	31	38	52	47	47	46	39	40	52	48	51	53	66	42	32	30	8	0	727
26-Apr-10	1	1	0	1	1	2	44	46	65	51	52	51	46	40	49	49	47	62	68	49	38	27	13	1	804
27-Apr-10	0	0	0	0	1	3	48	60	66	58	52	55	38	48	51	45	42	61	66	54	31	29	20	8	836
28-Apr-10	4	1	0	3	1	5	44	64	73	60	56	47	42	38	47	49	45	59	63	54	33	32	21	7	848
29-Apr-10	5	2	0	3	2	4	45	68	68	60	65	51	44	38	51	52	52	60	65	50	38	36	20	6	885
30-Apr-10	3	1	1	3	1	3	50	60	61	75	64	52	48	41	52	59	55	63	73	59	36	31	12	0	903
Total	62	38	17	30	33	91	1219	1740	1995	1808	1678	1552	1323	1189	1478	1564	1375	1733	1927	1551	1040	884	529	113	24969
Avg.	2.07	1.27	0.57	1.00	1.10	3.03	40.63	58.00	66.50	60.27	55.93	51.73	44.10	39.63	49.27	52.13	45.83	57.77	64.23	51.70	34.67	29.47	17.63	3.77	832.30

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
01-Apr-10	0	0	0	1	2	1	13	41	39	29	25	24	25	24	25	18	29	37	31	24	24	19	10	2	443
02-Apr-10	0	1	1	0	0	0	12	39	37	25	25	29	21	19	23	21	23	35	29	24	24	13	10	1	412
03-Apr-10	0	0	0	0	0	0	12	29	24	25	23	25	19	20	24	20	19	19	19	20	17	11	7	0	333
04-Apr-10	0	0	0	0	0	2	22	17	21	19	20	20	17	21	27	18	27	33	29	20	20	13	7	0	353
05-Apr-10	0	1	0	0	0	3	22	29	29	25	25	25	19	19	24	24	28	32	32	19	22	17	7	1	403
06-Apr-10	0	0	0	0	1	2	28	36	36	28	27	31	21	19	29	20	23	33	33	20	22	23	11	4	447
07-Apr-10	1	1	0	1	0	6	22	35	38	26	27	30	19	21	27	17	28	29	37	19	24	16	12	3	439
08-Apr-10	0	1	0	2	0	5	23	41	32	31	23	25	24	16	30	20	26	36	32	23	20	20	16	3	449
09-Apr-10	0	3	0	1	1	3	24	35	44	20	31	25	19	18	25	25	25	40	33	28	20	19	5	1	445
10-Apr-10	0	0	0	0	1	3	18	38	28	27	21	27	19	19	22	20	21	21	27	17	14	16	4	0	363
11-Apr-10	2	1	1	0	0	2	22	21	22	20	23	20	18	17	28	19	31	32	37	24	16	21	9	1	387
12-Apr-10	0	1	0	0	0	4	22	41	35	29	28	26	18	14	33	18	27	31	36	20	22	16	11	3	435
13-Apr-10	1	0	0	1	3	3	22	45	37	24	29	24	25	19	23	20	26	31	32	23	23	20	8	3	442
14-Apr-10	1	0	0	1	2	4	20	41	33	24	30	31	15	19	29	18	29	32	34	21	23	18	9	4	438
15-Apr-10	1	0	1	0	2	4	23	39	31	30	35	27	20	18	23	25	27	36	34	27	21	22	7	2	455
16-Apr-10	3	0	2	0	1	5	24	35	38	31	30	23	22	17	26	25	32	35	34	26	23	14	11	0	457
17-Apr-10	0	0	0	1	1	2	21	35	31	25	23	26	22	16	24	20	19	26	23	14	14	15	4	1	363
18-Apr-10	0	0	0	0	0	1	21	22	23	19	22	24	17	17	28	22	33	33	34	23	18	18	7	1	383
19-Apr-10	0	0	0	0	0	3	18	36	40	29	31	24	23	17	31	21	29	32	32	23	23	16	11	3	442
20-Apr-10	1	1	1	0	1	5	24	37	37	32	24	22	21	19	23	18	23	37	30	22	19	17	12	3	429
21-Apr-10	1	0	1	1	2	3	19	33	39	23	24	29	22	21	27	22	25	29	28	22	19	22	11	3	426
22-Apr-10	2	0	1	1	2	3	20	39	39	26	33	25	21	17	24	22	25	38	35	22	24	17	9	3	448
23-Apr-10	2	1	0	1	1	1	25	42	37	22	31	27	18	22	27	21	29	31	36	20	24	16	9	0	443
24-Apr-10	1	0	0	0	0	3	23	36	25	26	22	25	21	18	21	18	20	23	22	18	12	15	4	0	353
25-Apr-10	0	0	1	0	0	3	19	22	23	18	22	18	18	19	25	19	29	32	32	20	18	17	3	0	358
26-Apr-10	1	0	0	1	0	2	25	31	30	22	23	23	22	18	24	20	27	33	34	18	22	16	7	0	399
27-Apr-10	0	0	0	0	1	2	27	37	31	28	29	24	18	19	27	13	25	36	32	20	19	19	10	3	420
28-Apr-10	1	0	0	2	1	5	23	39	34	25	29	20	24	17	25	17	24	32	31	21	21	18	10	4	423
29-Apr-10	2	1	0	1	2	4	25	40	31	26	33	27	16	19	30	20	26	30	30	23	23	20	10	2	441
30-Apr-10	1	0	1	1	1	3	26	35	33	40	25	22	23	19	27	26	28	36	34	27	21	17	7	0	453
Total	21	12	10	16	25	87	645	1046	977	774	793	748	607	558	781	607	783	960	942	648	612	521	258	51	12482
Avg.	0.70	0.40	0.33	0.53	0.83	2.90	21.50	34.87	32.57	25.80	26.43	24.93	20.23	18.60	26.03	20.23	26.10	32.00	31.40	21.60	20.40	17.37	8.60	1.70	416.07

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
01-Apr-10	2	3	0	0	1	1	17	27	31	39	29	26	22	26	25	33	24	29	34	36	14	14	13	1	447
02-Apr-10	1	0	0	0	0	0	20	21	33	37	31	24	29	18	22	34	17	25	30	25	13	13	9	0	402
03-Apr-10	0	0	0	0	1	0	14	15	33	32	30	23	24	11	20	26	13	19	20	17	10	9	8	0	325
04-Apr-10	0	0	0	0	0	0	14	15	29	26	25	24	25	18	28	30	17	22	32	22	8	14	9	0	358
05-Apr-10	0	0	0	0	0	0	20	23	36	31	32	31	23	17	26	33	17	30	35	31	15	8	9	0	417
06-Apr-10	0	0	0	0	0	0	20	29	36	36	22	29	26	23	22	36	20	23	32	34	16	14	12	3	433
07-Apr-10	2	4	1	0	1	0	20	27	31	36	39	24	21	21	24	34	20	26	30	37	14	16	11	3	442
08-Apr-10	4	1	0	1	0	0	20	28	35	41	25	27	27	22	24	33	20	28	24	40	23	12	14	4	453
09-Apr-10	0	2	1	0	1	1	23	27	33	39	32	31	29	23	25	36	23	22	40	31	17	13	6	0	455
10-Apr-10	0	0	1	0	0	0	15	16	34	39	32	21	20	19	19	28	15	17	29	15	11	11	6	0	348
11-Apr-10	0	0	1	1	0	0	14	18	26	31	27	25	23	30	24	32	23	23	31	37	17	11	9	1	404
12-Apr-10	1	0	0	0	0	0	22	28	34	34	30	31	23	21	20	35	19	32	32	33	15	9	9	5	433
13-Apr-10	3	1	0	1	1	0	21	28	33	39	23	30	20	23	26	34	17	29	40	30	12	11	9	5	436
14-Apr-10	2	1	0	1	0	0	22	24	42	33	31	24	23	24	21	37	18	29	33	41	12	11	10	6	445
15-Apr-10	2	2	0	1	0	0	20	29	39	34	28	34	23	19	25	35	19	30	37	32	18	14	11	4	456
16-Apr-10	5	1	1	1	0	0	24	26	34	39	30	31	26	22	24	32	25	33	35	32	16	15	4	0	456
17-Apr-10	1	0	0	0	0	1	16	18	34	37	32	23	20	19	16	26	13	14	31	16	12	10	4	0	343
18-Apr-10	0	0	0	0	0	0	12	20	30	28	26	25	30	19	24	30	22	25	33	35	15	12	8	0	394
19-Apr-10	0	0	1	0	0	0	22	23	36	36	32	34	23	25	21	32	21	31	33	31	14	11	10	5	441
20-Apr-10	3	2	0	1	0	0	21	27	32	33	35	23	20	21	23	30	20	25	41	27	13	12	11	5	425
21-Apr-10	2	1	0	0	1	0	23	25	29	37	28	23	25	23	28	33	18	29	34	32	12	11	13	4	431
22-Apr-10	2	2	0	1	0	0	22	27	42	34	30	21	29	18	22	35	20	26	34	38	18	11	15	3	450
23-Apr-10	3	1	0	1	1	0	21	23	38	39	29	30	27	20	26	34	23	28	34	34	15	15	8	0	450
24-Apr-10	0	1	0	0	0	0	14	18	35	32	32	22	22	15	18	22	15	19	23	18	14	8	6	0	334
25-Apr-10	0	0	1	0	0	0	12	16	29	29	25	28	21	21	27	29	22	21	34	22	14	13	5	0	369
26-Apr-10	0	1	0	0	1	0	19	15	35	29	29	28	24	22	25	29	20	29	34	31	16	11	6	1	405
27-Apr-10	0	0	0	0	0	1	21	23	35	30	23	31	20	29	24	32	17	25	34	34	12	10	10	5	416
28-Apr-10	3	1	0	1	0	0	21	25	39	35	27	27	18	21	22	32	21	27	32	33	12	14	11	3	425
29-Apr-10	3	1	0	2	0	0	20	28	37	34	32	24	28	19	21	32	26	30	35	27	15	16	10	4	444
30-Apr-10	2	1	0	2	0	0	24	25	28	35	39	30	25	22	25	33	27	27	39	32	15	14	5	0	450
Total	41	26	7	14	8	4	574	694	1018	1034	885	804	716	631	697	957	592	773	985	903	428	363	271	62	12487
Avg.	1.37	0.87	0.23	0.47	0.27	0.13	19.13	23.13	33.93	34.47	29.50	26.80	23.87	21.03	23.23	31.90	19.73	25.77	32.83	30.10	14.27	12.10	9.03	2.07	416.23

Mode Utilisation Summary (Total Hours by Day)

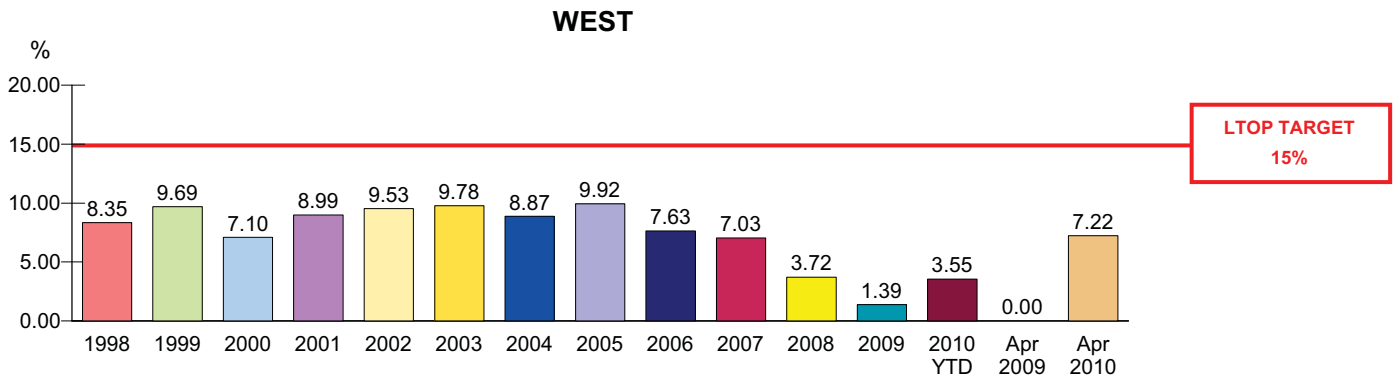
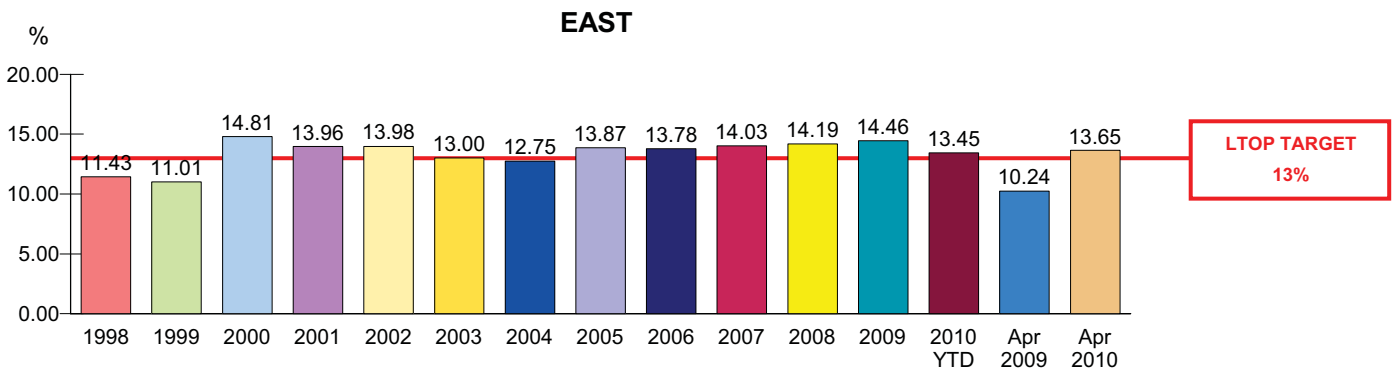
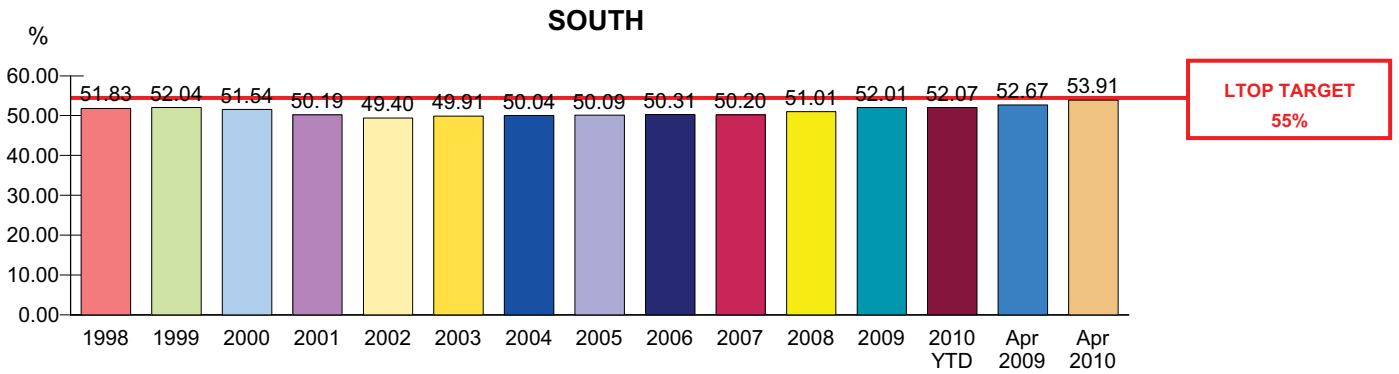
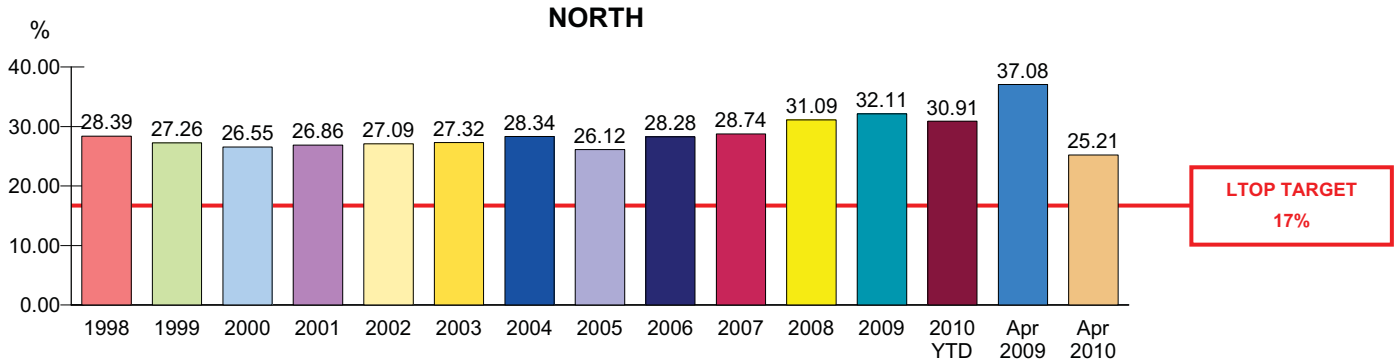
Date	Curfew	16/34	Sod props	Mode 5 16/25	Mode 7 25/34	Mode 8 25/34	Mode 9 34	Mode 10 16	Mode 12 07	Mode 13 25	Mode14a 16/07	Mode 15 34R/34L	Other
01-Apr-10	07:00	00:15	01:03	05:44	-	-	-	09:56	-	-	-	-	-
02-Apr-10	07:00	00:20	-	07:18	-	-	-	09:20	-	-	-	-	-
03-Apr-10	07:00	00:14	-	02:59	00:51	-	-	07:27	-	-	05:25	-	-
04-Apr-10	07:00	00:30	-	01:44	-	-	-	11:37	-	-	03:06	-	-
05-Apr-10	07:00	00:29	02:43	-	01:02	-	02:28	06:24	-	-	03:49	-	-
06-Apr-10	07:00	00:13	00:55	-	01:41	-	12:29	01:39	-	-	-	-	-
07-Apr-10	07:00	00:21	-	-	00:58	-	15:39	-	-	-	-	-	-
08-Apr-10	07:00	00:19	-	01:59	01:02	-	03:21	07:56	-	02:19	-	-	-
09-Apr-10	07:00	00:28	01:13	06:57	-	-	-	08:20	-	-	-	-	-
10-Apr-10	07:00	00:42	04:07	-	00:44	-	11:24	-	-	-	-	-	-
11-Apr-10	07:00	00:29	04:06	-	-	-	11:24	00:58	-	-	-	-	-
12-Apr-10	07:00	-	03:43	03:02	-	-	-	10:13	-	-	-	-	-
13-Apr-10	07:00	00:24	00:48	04:45	-	-	02:18	06:51	-	-	01:49	-	-
14-Apr-10	07:00	00:36	-	-	03:51	-	12:31	-	-	-	-	-	-
15-Apr-10	07:00	00:17	-	-	00:52	-	02:41	06:31	-	-	06:36	-	-
16-Apr-10	07:00	00:38	00:59	03:49	-	-	-	09:06	-	-	02:26	-	-
17-Apr-10	07:00	00:47	03:05	-	00:50	-	02:10	02:14	-	-	07:50	-	-
18-Apr-10	07:00	00:39	03:53	-	-	-	01:34	06:45	-	-	04:06	-	-
19-Apr-10	07:00	00:21	00:51	-	-	-	04:08	05:34	-	-	06:03	-	-
20-Apr-10	07:00	00:18	09:23	-	-	-	07:17	-	-	-	-	-	-
21-Apr-10	07:00	-	03:33	-	01:33	-	11:52	-	-	-	-	-	-
22-Apr-10	07:00	00:26	05:17	-	00:57	-	10:18	-	-	-	-	-	-
23-Apr-10	07:00	00:30	-	-	04:09	-	12:19	-	-	-	-	-	-
24-Apr-10	07:00	00:46	03:21	00:49	07:47	-	04:02	-	-	00:11	-	-	-
25-Apr-10	07:00	00:42	-	08:29	00:40	-	-	07:06	-	-	-	-	-
26-Apr-10	07:00	00:35	02:52	04:07	-	-	-	07:44	-	-	01:39	-	-
27-Apr-10	07:00	01:27	03:03	-	06:52	-	06:36	-	-	-	-	-	-
28-Apr-10	07:00	00:12	02:43	-	04:51	-	09:12	-	-	-	-	-	-
29-Apr-10	07:00	00:16	02:42	00:22	04:29	-	05:11	03:57	-	-	-	-	-
30-Apr-10	07:00	00:38	-	04:19	00:58	-	-	11:03	-	-	-	-	-
Total	210:00	14:19 5	60:30	6:30	44:17	00:00	149:10	140:50	00:00	2:31	42:55	00:00	00:00
% Used		2.81%	11.86%	11.08%	8.68%	0.00%	29.22%	27.62%	0.00%	0.49%	8.42%	0.00%	0.00%

Cumulative Mode Utilisation from 1 January 2010

Time 2.	24%	5.32%	3.94%	2.88%	0.00%	33.67%	38.41%	0.04%	0.20%	6.03%	7.24%	0.02%
Movements	0.32%	4.01%	3.18%	2.42%	0.00%	38.19%	41.53%	0.03%	0.21%	4.64%	5.61%	5.44%

Runway End Impact to 30 April 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

	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300		
1-Apr-2010	SP	Mode 10				Mode 5				Mode 10				Mode 5		Curfew				
2-Apr-2010	5	Mode 10				Mode 5				Mode 10				Mode 5		Curfew				
3-Apr-2010	7	Mode 10				5	10	Mode 14a				10	Mode 5		Curfew					
4-Apr-2010	10	5	Mode 10				Mode 14a		Mode 10				5	14a	10	Curfew				
5-Apr-2010	7	Mode 9		Mode 10		Mode 14a				Mode 10				SODPROPS		Curfew				
6-Apr-2010	7	Mode 9		10		Mode 9				7	SP	9	Curfew							
7-Apr-2010	7	Mode 9																		Curfew
8-Apr-2010	7	Mode 9				Mode 13		5	Mode 10				5		Curfew					
9-Apr-2010	Mode 10				Mode 5				Mode 10				5	SP	Curfew					
10-Apr-2010	SP	Mode 9		SP	Mode 9				7	SODPROPS		Curfew								
11-Apr-2010	SODPROPS				Mode 9				SP	10	Curfew									
12-Apr-2010	SP	Mode 10				SODPROPS				Mode 10				Mode 5		Curfew				
13-Apr-2010	SP	Mode 9		Mode 10		Mode 5				Mode 10				Mode 14a		5	Curfew			
14-Apr-2010	7	Mode 9				Mode 7				Mode 9				Curfew						
15-Apr-2010	7	Mode 9		Mode 10		Mode 14a				Mode 10				Mode 14a		Curfew				
16-Apr-2010	Mode 10				Mode 5				Mode 14a		Mode 10		SP	5	Curfew					
17-Apr-2010	7	Mode 9		Mode 10		Mode 14a				SODPROPS				Curfew						
18-Apr-2010	SP	9	10	Mode 14a				Mode 10				SODPROPS		Curfew						
19-Apr-2010	SP	Mode 9				Mode 14a				Mode 10				Mode 14a		Curfew				
20-Apr-2010	SP	Mode 9				SODPROPS				Mode 9				SODPROPS		Curfew				
21-Apr-2010	SP	Mode 9				7	9	SODPROPS				Mode 9				Curfew				
22-Apr-2010	7	Mode 9				SP	9	SODPROPS				Mode 9				SP	Curfew			
23-Apr-2010	7	Mode 9				Mode 7				Mode 9				Curfew						
24-Apr-2010	7	Mode 9				Mode 7				5	SODPROPS				Mode 7		Curfew			
25-Apr-2010	7	Mode 5				Mode 10				5	10	Curfew								
26-Apr-2010	Mode 10				Mode 5				14a	Mode 10		SODPROPS		Curfew						
27-Apr-2010	7	Mode 9				Mode 7				Mode 9		SODPROPS		Curfew						
28-Apr-2010	7	Mode 9				Mode 7				Mode 9				SODPROPS		Curfew				
29-Apr-2010	7	Mode 9				Mode 7				9	Mode 10		5	SODPROPS		Curfew				
30-Apr-2010	7	Mode 10				Mode 5				Mode 10				Mode 5		Curfew				

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 **Apr 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	
16 Apr 2010	6:58	8:24	1:26
30 Apr 2010	6:59	9:49	2:50

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
16 Apr 2010	52	25	27
30 Apr 2010	102	47	55

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.au

The Telecommunications Act 1997 (Commonwealth)

www.acma.gov.au

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

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

telephone	1-800-802-584
facsimile	(02) 9556-6641
e-mail	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:

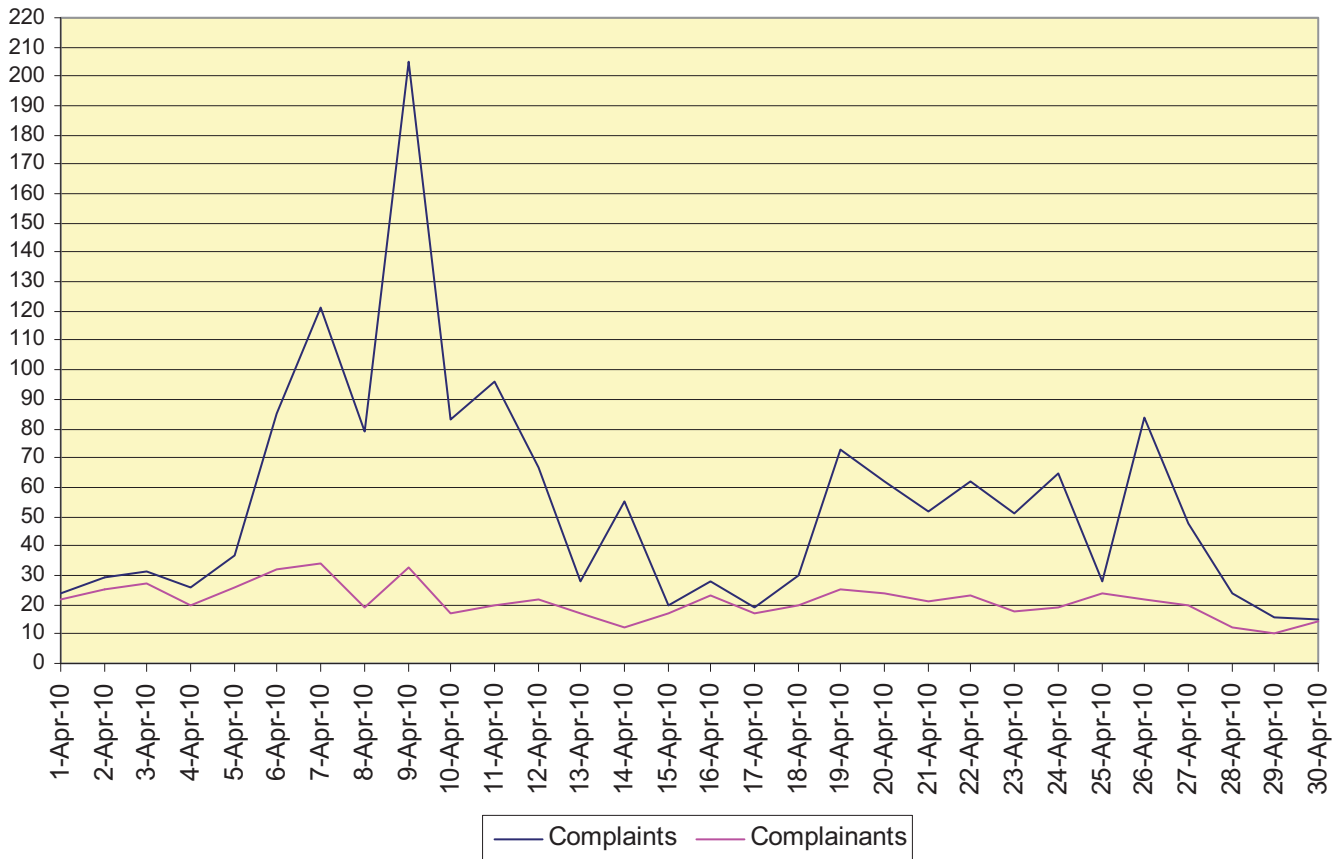
www.sacf.infrastructure.gov.au

Summary of Section Activity – April 2010

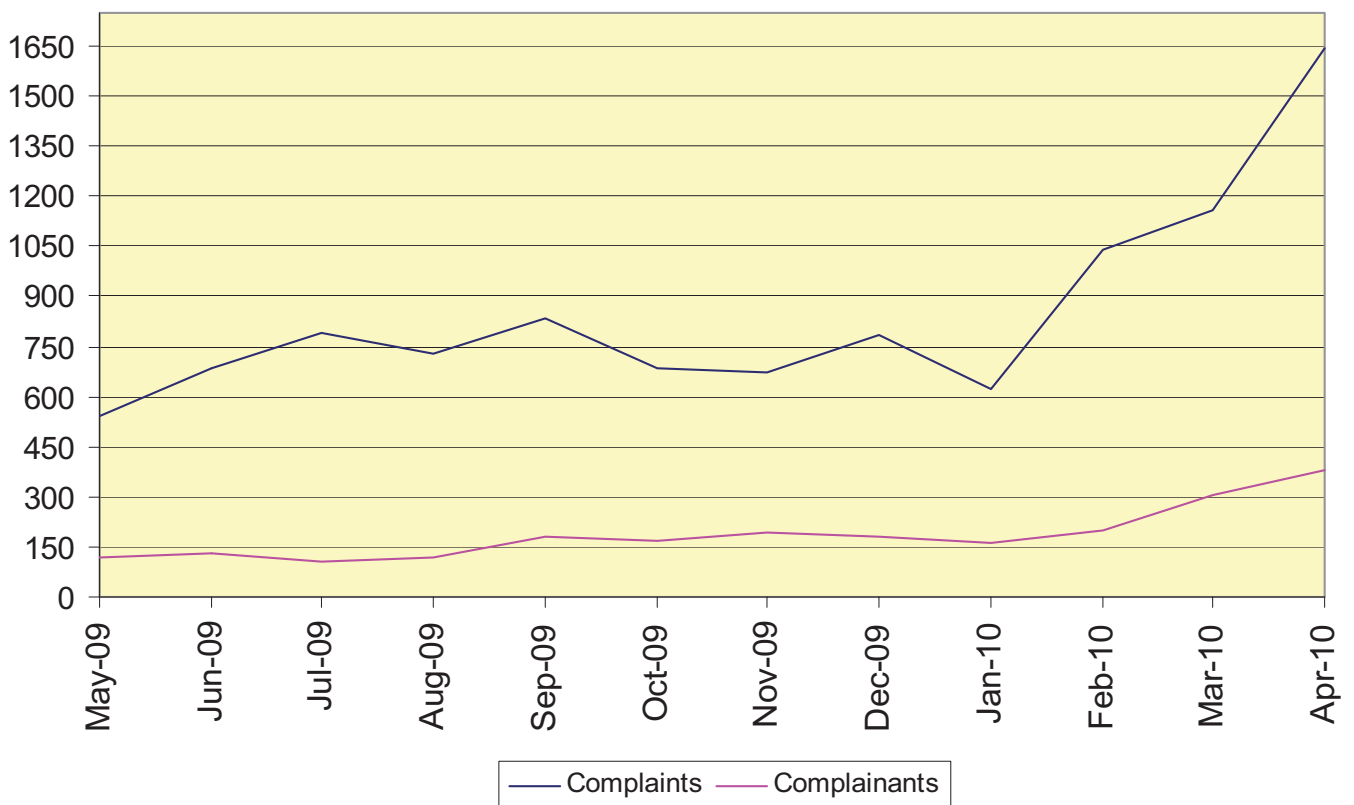
➤ Sydney Suburbs Complaints	
• By phone	476
• By correspondence.....	29
• By internet	628
• By e-mail.....	478
• By WebTrak.....	31
➤ Sydney Suburbs Complaints – suburb not specified	13
➤ Sydney Suburbs Comments and Enquiries.....	64
➤ Other than Sydney Suburbs or Sydney Airport (NSW Only) Complaints	94
➤ Other than Sydney Suburbs or Sydney Airport (NSW Only) Comments and Enquiries.....	35
➤ Callback / Information Requests (NSW Only)	712

Complaints Graphs

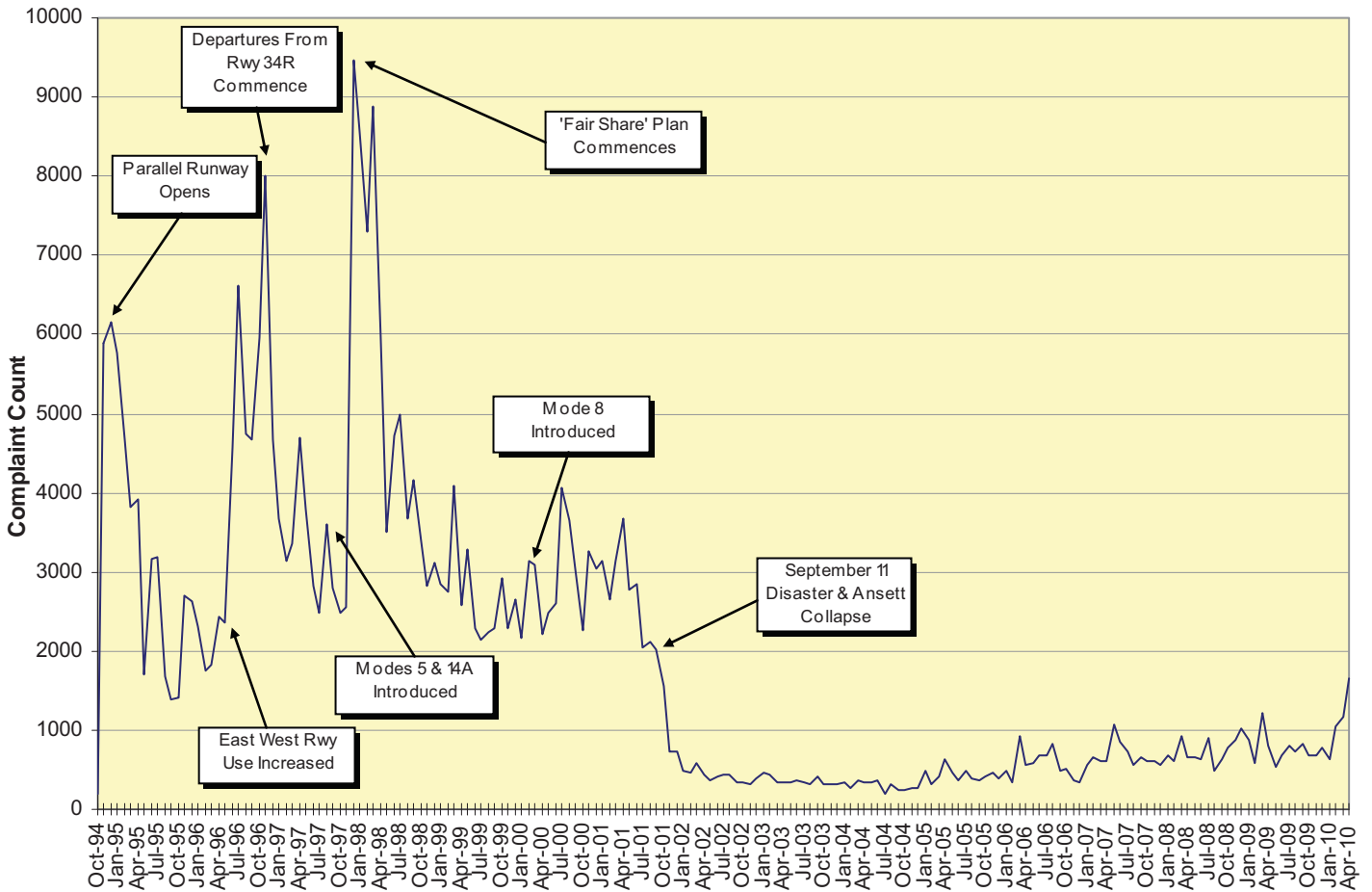
Complaints vs Complainants – 1 April to 30 April 2010



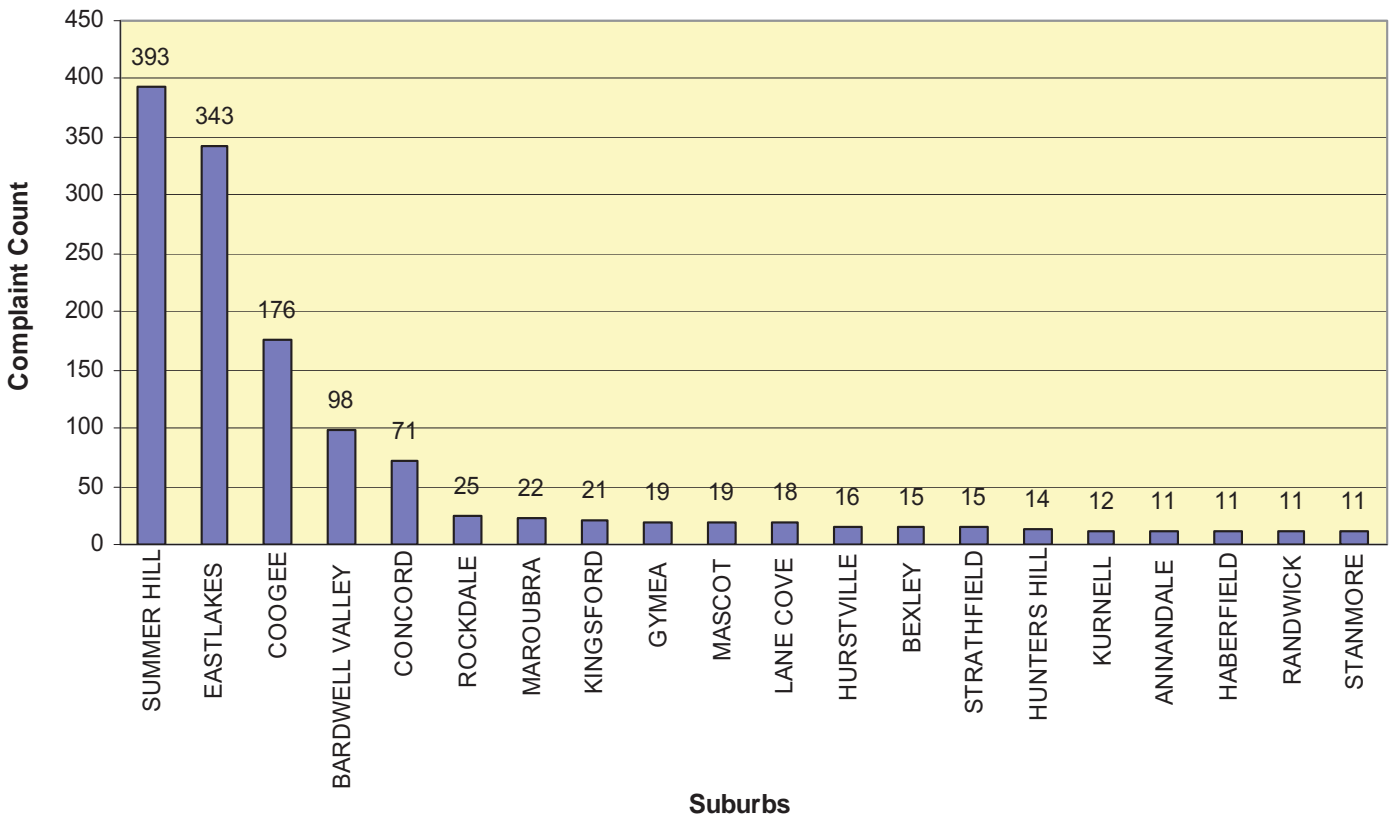
Complaints vs Complainants – Monthly



Complaints History

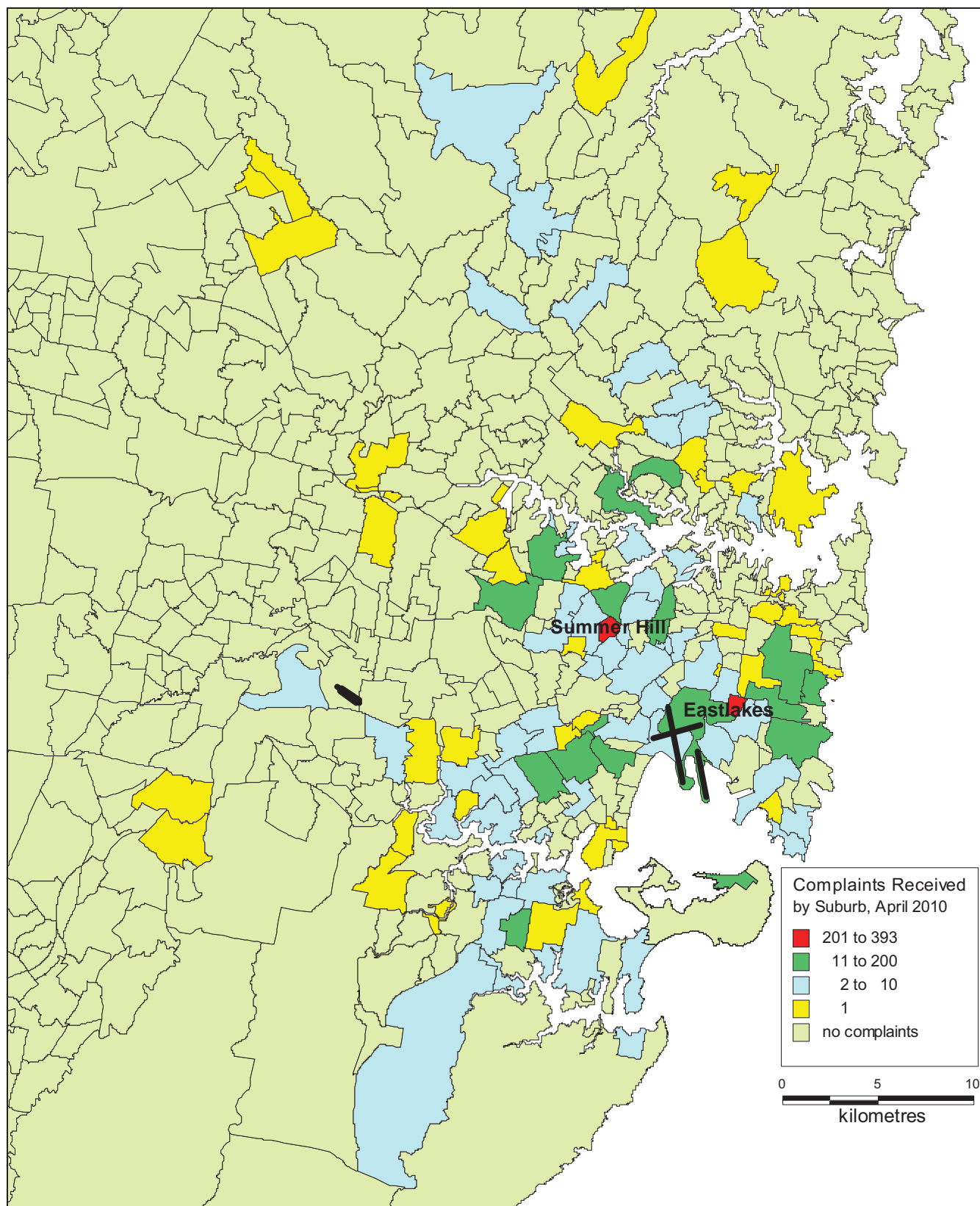


Top 20 Complaint Suburbs – 1 April to 30 April 2010



Complaint Density by Suburb

1 April to 30 April 2010



Recorded Complaints vs Complainants, by Suburb

1 April to 30 April 2010

<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>	<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>
Not Specified	13	6	Kurnell	12	8
Alexandria	2	1	Kyeemagh	3	3
Alfords Point	1	1	Kyle Bay	4	1
Annandale	11	7	La Perouse	5	1
Arncliffe	5	5	Lane Cove	18	10
Artarmon	1	1	Leichhardt	6	6
Ashbury	1	1	Lewisham	6	4
Ashfield	7	7	Lilyfield	9	4
Balmain	3	2	Little Bay	8	1
Bardwell Park	1	1	Lugarno	2	2
Bardwell Valley	98	3	Macquarie Fields	1	1
Beaconsfield	1	1	Maroubra	22	11
Belrose	1	1	Marrickville	5	3
Berowra	1	1	Mascot	19	7
Beverly Hills	2	1	Matraville	3	3
Bexley	15	13	Menai	1	1
Bexley North	1	1	Miranda	1	1
Bondi Junction	1	1	Mortdale	10	4
Botany	5	3	Mortlake	2	1
Bundeena	4	3	Mosman	1	1
Cabarita	5	1	Neutral Bay	2	1
Cammeray	1	1	Newtown	6	6
Caringbah	6	5	North Ryde	1	1
Carlton	2	1	Oatley	3	3
Chatswood	4	3	Oyster Bay	7	2
Chatswood West	4	2	Paddington	1	1
Chipping Norton	2	1	Padstow	1	1
Clovelly	1	1	Pagewood	2	2
Concord	71	6	Parramatta	1	1
Coogee	176	22	Peakhurst	2	2
Cronulla	8	5	Peakhurst Heights	1	1
Croydon	6	5	Pennant Hills	5	3
Croydon Park	5	3	Penrith	2	1
Daceyville	2	2	Penshurst	5	3
Darling Point	1	1	Phillip Bay	1	1
Dolls Point	1	1	Ramsgate	1	1
Drummoyne	5	3	Randwick	11	9
Dulwich Hill	6	2	Redfern	1	1
Eastlakes	343	2	Revesby	2	2
Enmore	2	1	Riverwood	1	1
Eveleigh	1	1	Rockdale	25	17
Five Dock	1	1	Rosebery	3	2
Galston	3	2	Roseville	3	2
Glenfield	1	1	Rushcutters Bay	1	1
Granville	1	1	Sans Souci	1	1
Grays Point	9	6	St Leonards	1	1
Gymea	19	8	Stanmore	11	3
Haberfield	11	4	Strathfield	15	3
Homebush	1	1	Summer Hill	393	6
Homebush Bay	1	1	Sydenham	2	1
Hornsby	6	2	Sydney South	1	1
Hunters Hill	14	9	Sylvania	3	3
Hurlstone Park	2	1	Taren Point	1	1
Hurstville	16	7	Tempe	8	1
Jannali	7	3	Terrey Hills	1	1
Kareela	7	1	Turramurra	6	3
Kellyville	1	1	Waitara	2	1
Kensington	1	1	Wareemba	1	1
Killara	6	5	Waverley	1	1
Kingsford	21	18	Woollahra	1	1
Kingsgrove	2	2	Woronora	1	1
Kirrawee	2	2	Yowie Bay	9	6

Total Complaints

1642

Total Complainants

380

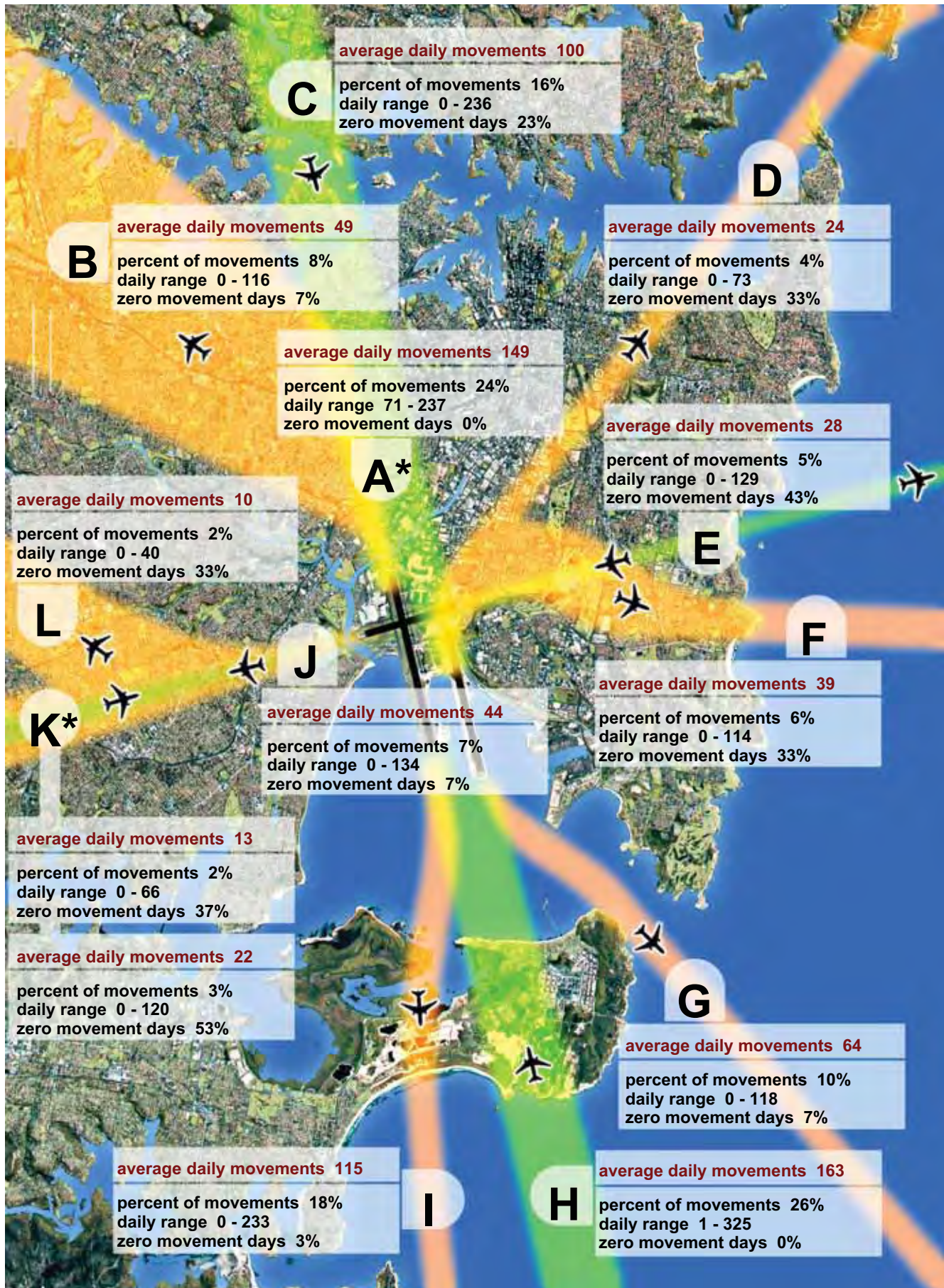
Recorded Complaints vs Complainants, by Locations/Airports Other than Sydney (NSW Only)

1 April to 30 April 2010

<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>	<i>SUBURB</i>	<i>COMPLAINTS</i>	<i>COMPLAINANTS</i>
Bankstown	23	19	Not Specified	6	5
Bathurst	1	1	Numeralla	1	1
Bredbo	1	1	Orange	1	1
Camden	45	14	Pennant Hills	1	1
Cremorne	1	1	Penrith	1	1
Katoomba	1	1	Rose Bay	1	1
Merriwa	1	1	Southern Highlands	1	1
Mogilla	1	1	Waverton	1	1
Nambucca Heads	1	1	Westmead Hospital	2	2
North Curl Curl	1	1	Williamtown	3	2
Total Complaints	94		Total Complainants		57

Sydney Airport : Jet Flight Path Movements

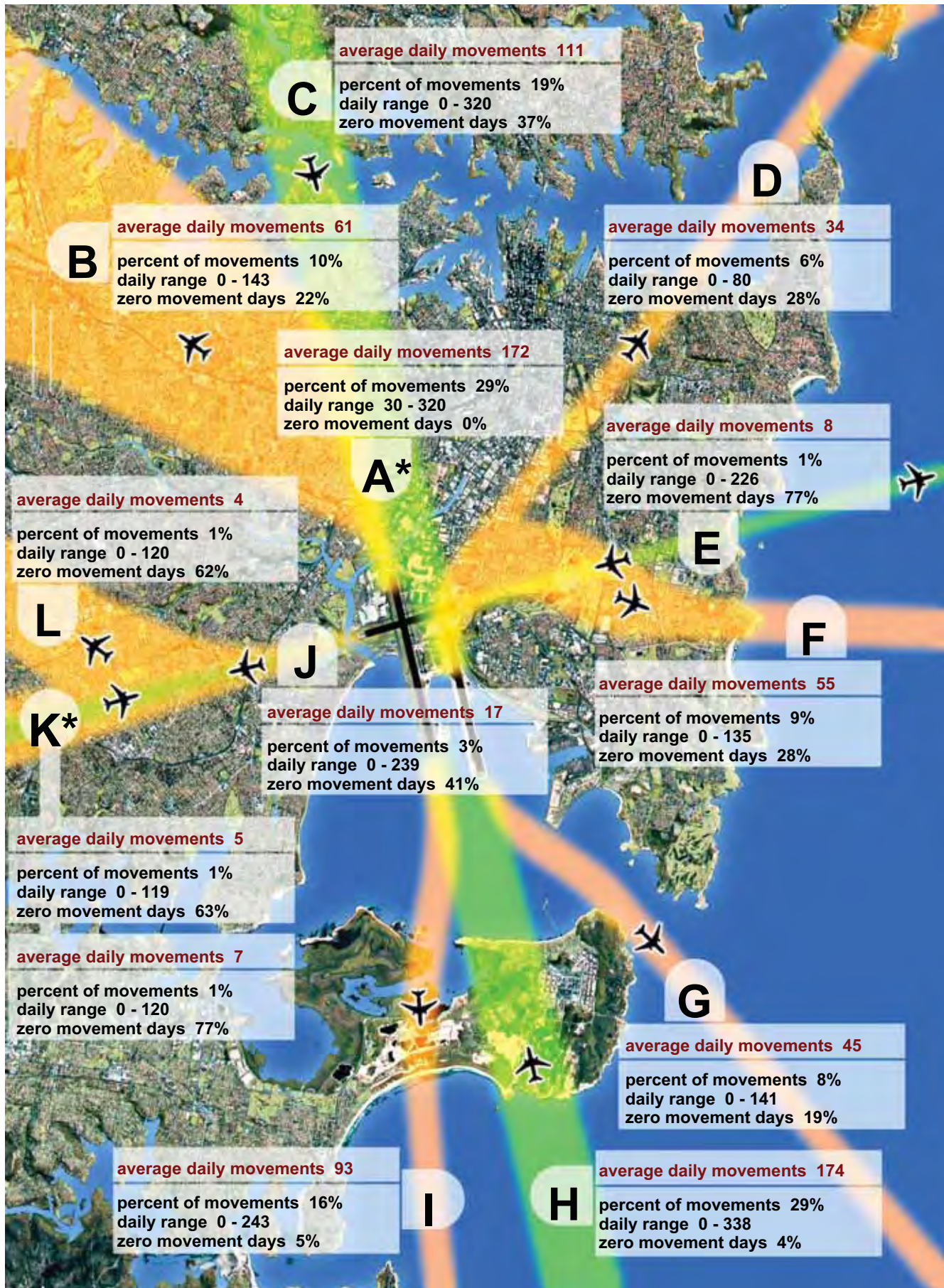
1 April 2010 to 30 April 2010, All Jets



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

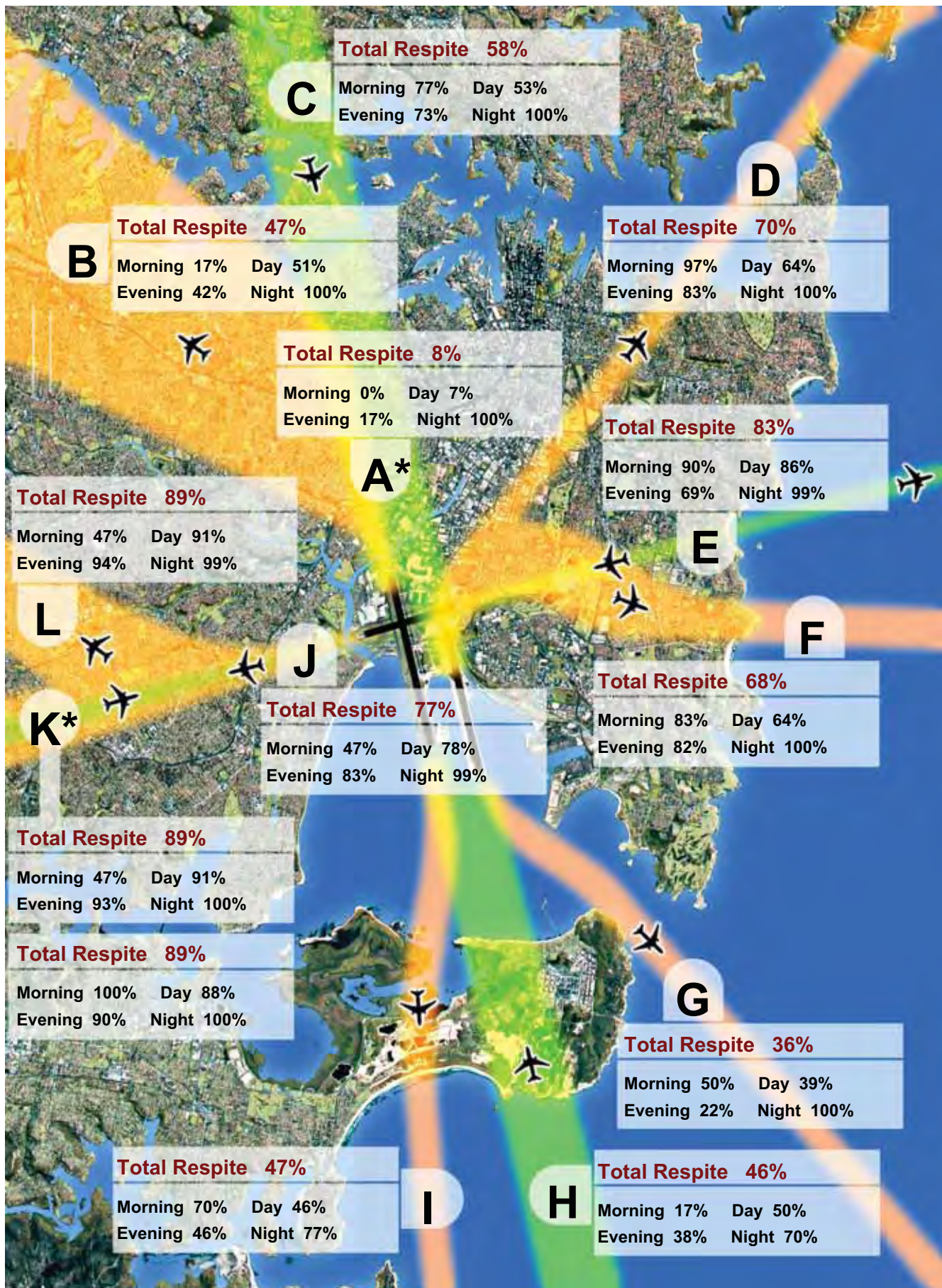
1 May 2009 to 30 April 2010, All Jets



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 April 2010 to 30 April 2010, All Jets



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

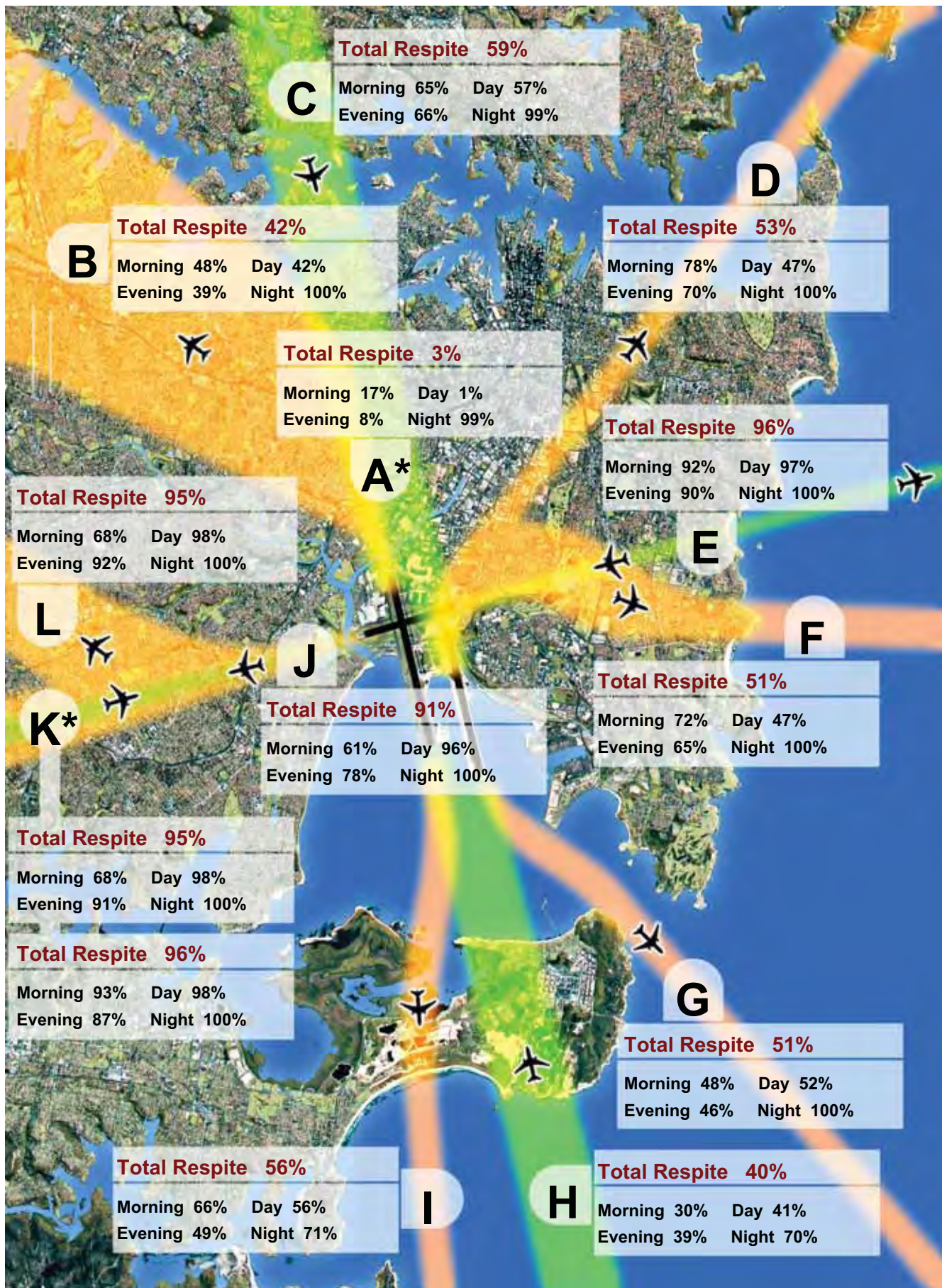
A respite interval is a 60 minute period when there are no jet movements (R60).

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 May 2009 to 30 April 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)

May 2009 to April 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 May 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 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 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 April 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 April 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 **May 2009 to April 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 **May 2009 to April 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 April 2010.



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

<i>Location</i>	<i>CNE Apr</i>	<i>Operational Days Apr</i>	<i>N70 Apr</i>	<i>N70 Mar</i>	<i>N70 Feb</i>
<i>Threshold rwy 34</i>	7,119	29.9	233	166	263
<i>Penshurst</i>	1,247	29.9	37	14	19
<i>Bexley</i>	1,546	29.8	49	16	21
<i>Sydenham</i>	3,764	29.9	125	163	179
<i>Johnston St. Annandale</i>	1,853	29.8	50	65	67
<i>Church St. St Peters</i>	1,752	29.8	32	77	97
<i>Leichhardt PEMU 36</i>	2,308	29.9	73	83	99
<i>Eastlakes</i>	1,936	28.5	65	52	47
<i>Coogee</i>	1,139	29.9	37	5	6
<i>Kurnell</i>	1,788	29.9	54	63	60
<i>Croydon</i>	372	29.8	11	14	16
<i>Hunters Hill</i>	2,399	29.8	44	49	66

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

The N70 values for April 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 16 PM 32 Day 182 Night 12 WE_D 189 WE_N 4	Penshurst AM 3 PM 6 Day 22 Night 0 WE_D 54 WE_N 0	Bexley AM 7 PM 7 Day 30 Night 0 WE_D 65 WE_N 0	Eastlakes AM 1 PM 13 Day 57 Night 0 WE_D 51 WE_N 0
Coogee AM 0 PM 11 Day 28 Night 0 WE_D 30 WE_N 0	Sydenham AM 5 PM 9 Day 121 Night 0 WE_D 98 WE_N 0	Leichhardt PEMU36 AM 3 PM 3 Day 69 Night 0 WE_D 66 WE_N 0	Kurnell AM 2 PM 2 Day 55 Night 0 WE_D 39 WE_N 0
Annandale AM 1 PM 1 Day 52 Night 0 WE_D 40 WE_N 0	St Peters AM 0 PM 2 Day 31 Night 0 WE_D 30 WE_N 0	Croydon AM 1 PM 2 Day 9 Night 0 WE_D 9 WE_N 0	Hunters Hill AM 2 PM 2 Day 40 Night 0 WE_D 44 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.