



Study on Current and Future Aircraft Noise Exposure at and around Community Airports

- Final Report – Appendix

Prepared for the European Community (DG-TREN) under Contract n° B2002/B2-7040B

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Annex I-1

List of airports potentially affected by Directive 2002/30-EC

(Airports to which the full questionnaire was sent)

Country	Airport		e-mail1	Phone	Fax	N° movements		Observations
	IATA	Name				2000	2001	
Austria	VIE	Vienna International Airport	c.roehrer@viennaairport.com	+43 (1) 70 07-22239	+43 1 7007 22570	206968	206426	
	GRZ	Graz	jandl.hubert@flughafen-graz.at	+43 (316) 29 02-0	+43 316 29 0281	67010	69487	790.000 Pax
	SZG	Salzburg-Maxglan	c.typelt@salzburg-airport.at	+43 (662) 85 80-0	43 662 8580 210	51266	52812	20% LA or < 19 Pax
	INN	Innsbruck	armin.stotter@innsbruck-airport.com	+43 (512) 2 25 25-0	+43 512 22525 306	38150	40049	
Belgium	BRU	Brussels National	hneukermans@biac.be	+32 (2) 753.42.00	+32 (2) 753.42.50	326050	305535	
	CRL	Charleroi Airport	m.darimont@awex.wallonie.be	+32 (71) 25.12.11	+32 (71) 25.12.01	57042	57216	1.2M Pax
	ANR	Antwerpen International Airport	paul.vankrunkelsven@liu.vlaanderen.be sonja.bausmans@lin.vlaanderen.be	00 32 (0)3 285 65 00	+32 3 285 6501	66909	69515	
	OST	Ostend International Airport	ostendairport.pr@ostendairport.be	+32 (59) 55.14.11	+32 59 70 55 12	44060	39306	
Denmark	CPH	Copenhagen(Kastrup)	maf@cph.dk kiir@mcc.cph.dk		+45 3231 3102	303713	288739	
	BLL	Billund	nra@bll.dk	+45 76 50 50 50	+45 75 33 84 10	51213	51213	30% F-50/ Commuter
	RKE	Copenhagen Airport Roskilde	j.guldager@cph.dk	+45 46 19 02 22	+45 46 19 03 87	97165	93039	L. Airplanes
Finland	HEL	Vantaa (Helsinki) ı	elina.kauppila@fcaa.fi periti.savisalo@fcaa.fi ymparisto@fcaa.fi	+358 9 8277 3302	358 9 8277 3496	249396 ı	166127	
	HEM	Malmi (Helsinki)	ymparisto@fcaa.fi	+358 (9) 8277 4000 ;+358 (9) 82773302	+358 (9) 8277 4099	*	57814	Aircraft < 34 Tm or L.A. No scheduled flights
France	CDG	Charles de Gaulle(Paris-Roissy)	michel-claude.lorriaux@adp.fr	+33 1 48 62 19 40	+33 1 4862 0391	517657	523400	
	ORY	Orly(Paris)	alain.bourgin@adp.fr	+33 (1) 49.75.52.52	+33 1 43 35 72 19	243586	219498	
	NCE	Cote D'Azur (Nice)	david.kalioudjoglou@cote-azur.cci.fr Jacques.Herisson@cote-azur.cci.fr		+33 93 214403	217366	204224	
	LYS	Lyon-Sain-Exupéry	communication@lyon.aeroport.fr marketing@lyon.aeroport.fr	+33 (8) 26.80.08.26	+33 72 22 74 71	199797	198930	
	MLH	Mulhouse/Basel	information@euroairport.com	+33 (3) 89.90.31.11	+33 (3) 89.90.26.57	126895	120867	3MP Pax, 31000Ton
	MPL	Montpellier Airport	info.aeroport@montpellier.cci.fr d.boussac@montpellier.aeroport.fr	+33 (4) 67.20.85.00	+33 4 67 20 03 72	104572	91486	LA /TP
	TLS	Toulouse(Blagnac)	aer.direct@toulouse.cci.fr	+33 (5) 61.42.44.00	+33 61 424463	103962	104664	
	NTE	Nantes Atlantique Airport	infos.aeroport@nantes.cci.fr m.moisson@nantes.cci.fr		+33 240 848 211	72156	71029	40% Fleet < 34 Tm
	BOD	Bordeaux Airport(Merignac)	info@bordeaux.aeroport.fr Nathalie_poursillie@bordeaux.aeroport.fr		+33 5 56 34 53 02	71649	73382	
	AJA	Ajaccio Airport	laurent.poggi@corse-du-sud.cci.fr laurent.torre@corse-du-sud.cci.fr			51093	51263	1 M Pax
	SXB	Strasbourg	aeroport.dir@strasbourg.cci.fr	+33 (3) 88.64.67.67	+33 88 64 67 64	45729	50109	
	MRS	Marseille-Provence International Airport	contact@marseille-provence.aeroport.fr	+33 (4) 42.14.14.14	+33 4 41 14 27 24	13493	125615	
	GNB	Grenoble	eric-mariolle@wanadoo.fr	04 76 65 48 48	33 (4) 76.65.57.00	111657	121322	T P
	POX	Pontoise	philippe.platek@adp.fr	+33 (1) 30.31.03.82	+33 1 48 62 00 61	97123	*	Airfield Restrictions- 45Tm No scheduled flights
	CEQ	Cannes (Mandelieu)	umberto.vallino@cote-azur.cci.fr	+33 (4) 93.90.40.40	04 93 90 40 15	83210	73440	Aircraft size max 22 Tm No scheduled flights
	URO	Rouen	communication@rouen.aeroport.fr	02 35 79 41 00	02 35 79 41 22	71910	71850	80% Fleet < 34 Tm
	CFE	Clermont-Ferrand/Auvergne Airport	jean-louise.douarre@aviation-civile.gouv.fr direction.aeroport@clermont-fd.cci.fr	+33 (4) 73.62.71.00	+33 4 73 62 7200	69949	64967	60% T.P.
	RNS	Rennes	aeroport@rennes.cci.fr	+33 299 29 60 00	+33 299 29 60 29	60255	52204	50% Fleet < 34 Tm

Country	Airport		e-mail1	Phone	Fax	N° movements		Observations
	IATA	Name				2000	2001	
France	PUF	Pau	contact@pau.aeroport.fr	+33 (5) 59.33.33.00	+33 (5) 59.33.33.05	58323	54109	30% Fleet < 34 Tm
	LEH	Le Havre	aeroport@havre.cci.fr	02 35 54 65 00	02 35 54 65 20	51941	49741	<130.000 Pax
	LIL	Lille Airport	lille.aeroport@lille.cci.fr departement.technique.aeroport@lille.cci.fr direction.aeroport@lille.cci.fr	+33 3 20 49 68 68	+33 3 20 49 68 10	50165	48611	70% T.P.
	AVN	Avignon	aeroport@avignonvaucluse.cci.fr	+33 490 81 51 51	33 (4) 90.84.17.23	49805	51414	Des. Only/T:P
	CMR	Colmar	aeroport@colman.cci.fr	+33 (3) 89.20.22.90	+33 (3) 89.20.22.99	48096	37626	2500 pax in 2000
	CCF	Carcassonne	aeroport@carcassonne.cci.fr h.fabre@carcassonne.cci.fr	+33 (4) 68.71.96.46	+33 (4) 68.71.96.48	47326	42831	4 Destinations
	BES	Brest	eric.sesboue@aviation.civile.gov.fr	+33 298 32 01 03	33 (2) 98.84.87.32	45827	43742	20% Commuter
	CMF	Chambéry	www.aero@Savoie.cci.fr	+33 4 79 54 49 54	+33 4 79 54 49 61	44675	41660	1 Destination T. P.
	DNR	Dinard		+33 2 99 46 16 81	+33 (2) 99.46.24.20	36059	42790	T.P. To Channel Island
Germany	GAT	Gap	skydivegap@online.fr			60477	59083	No scheduled flights
	FRA	Frankfurt	p.marx@fraport.de		+49 69 690 5 9192	458731	456452	
	MUC	Munich	info@munich-airport.de		+49 89 975 21006	319009	337653	
	DUS	Dusseldorf	peters@dus-int.de		+49 211 421 6666	194016	193513	
	HAM	Hamburg	jwaechtler@ham.airport.de		+49 40 5075 1337	164932	158569	
	STR	Stuttgart	Hofmann@airport-stuttgart.de		+ 49 7 11 9482 241	159451	146771	
	CGN	Koln-Bonn (Cologne-Bonn)	martin.partsch@airport-cgn.de		+49 2203 402 793	155681	150174	
	TXL	Tegel (Berlin)	pressestelle@bbf.de (Public Relations)		+49 30 4101 2142	134322	131631	
	HAJ	Hannover-Langenhagen	g.hennighausen@hannover-airport.de		+49 5 119 77 1898	102168	89908	8139 non-scheduled int'l
	NUE	Nurnberg	scharf-achim@flughafen-nuernberg.de		+49 911 937 1881	86704	83808	40% T.P.
	BRE	Bremen-Neueland(Bremen)	Bent.Huenersen@airport-bremen.de		+49 421 559 5598	51749	46677	
	THF	Tempelhof (Berlin)	jueling@bbf.de		+49 30 4101 2142	49829	48927	City airport
	PAD	Paderborn-Lippstadt Airport	thiele-r@airport-pad.com		+49 2955 77240	65386	61816	50% TP
	QEF	Egelsbach Airport	hornsteiner@egelsbach-airport.com	+49 6103 94180	+49 6103 941818		81067	LA. No scheduled flights
	AGB	Augsburg Airport	PR.Flughafen-Augsburg@t-online.de moessner-agb@t-online.de	(0821) 74 90 720	+49 821 741 81 19	76766	74246	247000 Pax
	MGL	Dusseldorf Monchengladbach Airport	Flughafen-MGL@t-online.de Nengelken@dus-int.de peters@dus-int.de		+49 2161 68 98 34	72530	*	R 1200 m No scheduled flights
	FKB	Baden-Baden	onja.berger@baden-airpark.de info@baden-airpark.de	+49 72 29 / 66 21 27	+49 72 29 / 66 21 29	62730	*	188835 Pax
	SXF	Schonefeld(Berlin)	Deckert@bbf.de		+49 30 6091 1603	48032	40447	Reduction in traffic during last 5 years
	LEJ	Leipzig Halle Airport	wolfgang.hesse@leipzig-halle-airport.de Andrea.Roesner@leipzig-halle-airport.de		+49 341 224 1111	47030	42408	20% T.P.
	DTM	Dortmund	urbansky@flughafen-dortmund.de	+49 231 9213 01	+49 231 9213 125	45127	46272	80% T.P.
Greece	FDH	Friedrichshafen Airport	info@fly-away.de	+49 (7541) 2 84-01	+49 7541 284119	35134	40670	TP
	FMO	Munster (Osnabruck)	Gerd.Stoewer@fmo.de		+49 2571 94 1099	57934	51047	Permitted B – 747
	ESS	Essen	info@flughafen-essen-muelheim.com sonjafinke@flughafen-essen-muelheim.com	+49 (208) 992 33-0	+49 (208) 992 33-21	51790	*	Aircraft Max 25 Tm No scheduled flights
Greece	ATH	Athens(Athens)	marina.sarkissian@aia.gr		30 210 3537800	197800	175054	
	HER	Heraklion	atseng@hellasnet.gr	+30 2810 245598	+30 2810 221700	42430	41527	4.8M Pax

Country	Airport		e-mail1	Phone	Fax	N° movements		Observations
	IATA	Name				2000	2001	
Ireland	DUB	Dublin(Ireland)	alan.levey@aer-rianta.ie		353 1 814 4841	180245	185703	
	SNN	Shannon	marketing.shannon@aer.rianta.ie roisin.kelly@aer-rianta.ie	+353 61 712 000	+353 61 712 284	*	47987	In function of traffic
	ORK	Cork	john.smyth@aer-rianta.ie	+353 21 313131	+353 21 313442	50352	50581	50% T.P.
Italy	FCO	Fiumicino(Rome)	callea.f@adr.it		39 6 65956163	283449	283748	
	MPX	Malpensa Airport	eucp@sea-aeroportimilano.it communication@sea-aeroportimilano.it	+39 02 7485 2390	39 2 7485 2051	247629	237029	
	VCE	Venice Marco Polo Airport	segrtec1@veniceairport.it		39 41 2606349	65719	63067	
	LIN	Linate Airport (Italy)	eucup@sea-aeroportimilano.it communication@sea-aeroportimilano.it	+39 02 7485 2390	39 2 7485 2051	65482	112966	
	TRN	Turin Caselle Airport	dario.maffeo@sagat.trn.it		39 11 56 76 448	61971	64855	20% < 34 Tm 2.8 M Pax
	BLQ	Bologna G. Marconi Airport	pas@bologna-airport.it	051/6479617	39 51 6479 175	61930	56746	20% T.P. 3.4M Pax
	NAP	Naples International Airport	vincenzo_grimaldi@gesac.it		39 81 595 1114	61922	60916	20% < 34 Tm 4.1 M Pax
	BGY	Milán-Orio El Serio	tecnica@sacbo.it	035 326323		40944	*	
	CTA	Catania Fontanarossa						4 M Pax 48.000
Luxemburg	LUX	Luxembourg International Airport	gilbert.meyer@airport.etat.lu			85511	85344	70% T.P. 509.000 Ton
Netherlands	AMS	Schiphol(Amsterdam)	Zuijlen_E@schiphol.nl		31 20 6013567	432480	416469	
	MST	Maastricht Aachen Airport(Maastricht)	info@maa.nl	+31 43 358 9999	31 43 666 273	70464	59248	312.000 Pax 57000 Ton
	RTM	Rotterdam	mulder@rotterdam-airport.nl	31 010 - 446 34 44	31 10 446 3499	113518	93170	
Portugal	LIS	Lisbon International	lisbon.airport@ana-aeroportos.pt		351 1 218413675	112146	113783	
	OPO	Oporto	rialdes@ana-aeroports.pt	+351 22 941 3141	+351 22 948 4597	43365	42953	20% < 34 Tm 2.1 M Pax
Spain	MAD	Barajas (Madrid)	sirma2@aena.es		34 913 938 221	358487	375533	
	BCN	Barcelona	pmontalvo@aena.es	+34 93 298 38 38	+34 93 298 37 37	256884	273114	
	PMI	Son San Juan (Palma)	cbonet@aena.es	+34 971 78 90 00	34 971 789 010	174132	169596	
	LPA	Gran Canaria Airport	mijunoy@aena.es		34 28 579 117	98059	93288	9 M Pax 23000 charters
	AGP	Málaga	agp.lutilla@aena.es		34(952)2048777	92923	98167	
	VLC	Valencia	vlc.jinfantes@aena.es		34(96)1598510	64067	69594	30% L. A. Or 34 Tm 2M P
	TFS	Reinasofia (Tenerife)	angnavajas@aena.es	922 759 000	+34 922 75 92 47	62094	61054	9 M Pax charters
	ALC	Alicante	acano@aena.es	+34 966 91 90 00	34(96)6919354	56422	56547	7 M Pax, charters
	MCV	Cuatro Vientos	4vientos@aena.es		34(91)3210949	71687	80467	L.A. No scheduled flights
	?	Sabadell	anpriet@aena.es	937 282 100	34(93)7282105 /93/728 21 00	55929	62963	L. A. Training No scheduled flights
	IBZ	Ibiza	mdhernandez@aena.es	34 971 80 90 00 / 971809306	+34 971 80 92 87	52539	52079	20% L. A.
	TFN	Los Rodeos	elarmas@aena.es	+34 922 63 58 74	+34 922 63 58 59	48898	49130	20% < 34 Tm or < 19 Pasj.
	BIO	Bilbao	jpolo@aena.es	+34 94 486 93 00	34(94)4869313	45504	44166	
	ACE	Lanzarote	aerpuertodelanzarote@aena.es	928 846 020	+34 928 81 63 34	44815	43363	25% L.A. Or < 34 Tm
Sweden	ARN	Arlanda (Stockholm)	christer.holst@arn.lfv.se luftfartsverket@arn.lfv.se			279384	276445	
	BMA	Bromma(Stockholm)	roger.elsborg@lfv.se		46 8 797 6868	68496	65224	Close 2005/City airport
	GSE	Goteborg City Airport	boz@gotenborgairport.se info@goteborgcityairport.se	+46 (31) 92 60 60	46 31 92 40	74031	70208	95175 Pasj.- 46281 mov.
	MMX	Malmo-Sturup	staffan.karlsson@lfv.se		46 40 613 12 15	49608	45966	
	GOT	Landvetter (Goteborg)	kaj.hagberg@lfv.se stefan.hansson@lfv.se velia.ekstrom@lfv.se	+46 (31) 94 10 00	46 31 94 14 44	*	*	69928 mov. '99 3.9 M Pax

Country	Airport		e-mail1	Phone	Fax	N° movements		Observations
	IATA	Name				2000	2001	
United Kingdom	BHD	Belfast City Airport	alan.young@belfastcityairport.com			36773	35158	
	LHR	Heathrow	Richard_Norman@baa.co.uk			466817	463567	
	LGW	Gatwick Airport Limited	Richard_Norman@baa.co.uk			259885	252543	
	MAN	Manchester	chris.walkden@manairport.co.uk	+44 161 489 3000	44 1 61 489 3921/ +44 161 489 3813	193413	197177	
	STN	Stansted Airport Limited	kris_barnard@baa.co.uk stanstednoiseline@baa.com			165779	169583	
	BHX	Birmingham	clairew@bhx.co.uk marieb@bhx.co.uk	1217677311	1217677065	125654	125147	
	GLA	Glasgow	Roddy_Yarr@baa.co.uk maggie_mcalister@baa.com			104929	103517	
	EDI	Edinburgh	andy_nimmo@baa.co.uk norman_allan@baa.com		44 131 333 5055	102368	112361	
	ABZ	Aberdeen Airport	john_muir@baa.co.uk aberdeen_feedback@baa.com	+44 (1224) 722331	+44 (1224) 725751	99564	86422	34000 non-scheduled
	BFS	Belfast International Airport	kathryn.cleaver@bia.co.uk			97583	95354	
	BOH	Bournemouth International Airport	paul_knight@bia-ltd.co.uk mats@bia-ltd.co.uk			86468	78365	LA No scheduled flights
	LTN	Luton	noise@london-luton.co.uk			84745	83339	
	NCL	Newcastle Airport	NickB@newcastleairport.com			82919	82456	
	JER	Jersey Airport	anyon.m@jersey-airport.com information@jersey-airport.com			79884	145883	TP /Bussnes
	EMA	East Midlands Airport	tmalone@eastmidlandsairport.com bblanchard@eastmidlandsairport.com	+44 (1332) 852852	+44 (1332) 853202	76656	77708	Cargo airport
	LPL	Liverpool John Lennon Airport	adutton@liverpoolairport.com			76257	74659	
	CWL	Cardiff International Airport	alanw@cial.co.uk			64318	67621	LA
	BRS	Bristol International	feedback@bristolairport.com lpurcell@bristolairport.com	44 127 5474444	44 1275 474 482 /+44 1275 474800	63252	69854	3.5 M Pax
	CVT	Coventry Airport - West Midlands	info@coventry-airport.co.uk			59309	63853	LA
	MME	Teesside	information@teessideairport.com	+44 1325 332 811	+44 1325 332 810	54829	57638	195000 Ton, 2.4 MPax
	LCY	London City Airport	robgrafton@londoncityairport.com	+44 207 646 0200	+44 207 511 1040	52202	57361	City airport
	PIK	Prestwick International	tmw@gpia.co.uk ssinclair@gpia.co.uk ; iwc@gpia.co.uk	+44 (1292) 511000	+44 (1292) 511070	44922	48144	Cargo airport
	GLO	Gloucester/Cheltenham	cran@gloucestershireairport.co.uk	+44 (1452) 857700	+44 (1452) 715174	82334	82408	L. A. No scheduled flights
	BQH	Biggin Hill Airport (London)	enquiries@bigginhillairport.com			79601	92412	Bussiness airport
	BLK	Blackpool Airport	admin@blackpoolairport.com	+44 (1253) 343434	+44 (1253) 405009	75496	72363	L. A.
	ESH	Shoreham-by Sea	admin@shorehamairport.co.uk	01273 296900	01273 296899	69204	78458	No scheduled flights
	SEN	London Southend Airport	DHollander@southendairport.net enquiries@southendairport.net	+44 (1702) 608100	+44 (1702) 608110	61936	59768	L. A.
	GCI	Guernsey Airport	director@guernsey-airport.gov.gg	+44 (1481) 237766	+44 (1481) 239595	56781	56729	L. A. Bussiness
	SOU	Southampton International Airport	mark_gibb@baa.co.uk colin_hobbs@baa.co.uk	+44 (23) 8062 0021	+44 (23) 8062 7193	54140	28357	
	NWI	Norwich Airport	norwichairport@vitalo.com	+44 (1603) 411923	+44 (1603) 487523	48579	49450	30% < 34 Tm T. P.
	CBG	Cambridge Airport	martyn.redmore@marshallaerospace.com	+44 (1223) 373737	+44 (1223) 373259	46776	52542	LA. No scheduled flights
	EXT	Exeter Airport	john_payne@exeter-airport.co.uk marketing@exeter-airport.co.uk	+44 (1392) 367433	+44 (1392) 364593	46255	49553	
	LBA	Leeds-Bradford International Airport	info@lbia.co.uk general@lbia.co.uk	+44 (113) 250 9696	+44 (113) 250 5426	34550	66526	

Annex I-2

List of airports not affected by Directive 2002/30-EC

(Airports to which the reduced questionnaire was sent)

Country	Airport	
	IATA	Name
Austria	KLU LNZ	Klagenfurt Linz
Belgium	GNE KJK LGG	Ghent Kortrijk Liege
Denmark	AAL AAR EBJ KRP RNN SGD TED	Aalborg Airport Aarhus Tirstrup Airport Esbjerg Airport Karup Bornholm Sonderborg Airport Thisted
Finland	ENF IVL JOE JYV KAJ KAO KEM KOK KTT KUO LPP MHQ MIK OUL POR RVN SJY SVL TKU TMP VAA VRK	Enontekio Ivalo Joensuu Jyväskylä Kajaani Kuusamo Kemi/Tornio Kokkola/Pietarsaari Kittilä Kuopio Lappeenranta Mariehamn Mikkeli Oulu Pori Rovaniemi Seinäjoki Savonlinna Turku Tampere Vaasa Varkaus
Germany	AOC BMK BRV DRS EME ERF GWT HDF HEI HGL HHN HOQ KEL LBC MGL MHG NDZ NRN RLG SCN SGE WVN	Altenburg Borkum Bremerhaven Dresden Emden Erfurt Westerland Heringsdorf Heide/Buesum Helgoland Frankfurt Hahn Airport Hof Kiel Hamburg Luebeck Airport Dusseldorf Moenchengladbach Mannheim Nordholz-Spieka Niederrhein Rostock-Laage Saarbrücken Ensheim Airport Siegen Wilhelmshaven
France	CFE AGF ANE ANG AUR BIA BIQ BVA BVE BZR CER CFR CLY DCM DIJ DOL EBU EGC EPL ETZ FNI FSC	Clermont-Ferrand Agen Angers Marce Airport Angoulême Aurillac Bastia Biarritz Paris Beauvais-Tille Airport Brive-La-Gaillarde Beziers Cherbourg Caen Calvi Castres Dijon Deauville St Etienne Bergerac Epinal Metz/Nancy Nîmes Figari

Country	IATA	Name	Airport
France	JCA	Cannes Croisette H/P	
	LAI	Lannion	
	LDE	Lourdes/Tarbes	
	LIG	Limoges	
	LPY	Le Puy	
	LRH	La Rochelle	
	LRT	Lorient	
	PGF	Perpignan	
	PGX	Perigueux	
	PIS	Poitiers Biard Airport	
	RDZ	Rodez	
	TLN	Toulon	
	TUF	Tours St Symphorien Airport	
	UIP	Quimper	
	LTQ	Le Touquet	
	LTT	St Tropez	
	NCY	Annecy	
	RHE	Reims	
Greece	AOK	Karpathos	
	AXD	Alexandroupolis	
	CFU	Kerkyra	
	CHQ	Chania	
	EFL	Kefallinia	
	GPA	Patras	
	IOA	Ioannina	
	JKI	Ikaria Island	
	JKH	Chios	
	JMK	Mikonos	
	JNX	Naxos Is	
	JSH	Sitia	
	JSI	Skiathos	
	JSY	Syros Island	
	JTR	Thira	
	JTY	Astypalaia Island	
	KGS	Kos	
	KIT	Kithira	
	KLX	Kalamata	
	KSJ	Kasos Island	
	KSO	Kastoria	
	KVA	Kavala	
	KZI	Kozani	
	KZS	Kastelorizo	
	LRS	Leros	
	LXS	Limnos	
	MJT	Mytilene	
	MLO	Milos	
	PAS	Paros	
	PVK	Preveza/Lefkas	
	RHO	Rhodes	
	SKG	Thessaloniki	
	SKU	Skiros	
	SMI	Samos	
	ZTH	Zakinthos	
Italy	BLQ	Bologna	
	AHO	Alghero	
	AOI	Ancona	
	AOT	Aosta	
	BDS	Brindisi	
	BRI	Bari	
	BZO	Bolzano	
	CAG	Cagliari	
	CIA	Rome Ciampino Apt	
	CRV	Crotone	
	CUF	Cuneo	
	FLR	Florence Amerigo Vespucci	
	FOG	Foggia	
	FRL	Forli	
	GOA	Genoa	
	LMP	Lampedusa	
	OLB	Olbia	
	PEG	Perugia	

Country	Airport	
	IATA	Name
Italy	PMF	Parma
	PMO	Palermo
	PNL	Pantelleria
	PSA	Florence Pisa Airport
	PSR	Pescara
	REG	Reggio Calabria
	RMI	Rimini
	SAY	Siena
	SUF	Lamezia Terme
	TQR	San Domino Island (tremiti Islands)
	TRS	Trieste
	TSF	Venice Treviso Apt
	TTB	Tortoli
	VBS	Verona Brescia Airport
	VRN	Verona Airport
Ireland	CFN	Donegal
	GWY	Galway
	KIR	Kerry County
	NOC	Knock
	SXL	Sligo
Netherlands	WAT	Waterford
	EIN	Eindhoven Airport
Portugal	GRQ	Groningen
	BGC	Braganca
	CVU	Corvo Island
	FAO	Faro
	FLW	Flores Island
	FNC	Funchal
	GRW	Graciosa Island
	HOR	Horta
	PDL	Ponta Delgada
	PIX	Pico Island
	PXO	Porto Santo
	SJZ	Sao Jorge Island
	SMA	Santa Maria (XB)
	TER	Terceira
Spain	VRL	Vila Real
	BJZ	Badajoz
	EAS	San Sebastian
	FUE	Fuerteventura
	GMZ	San Sebastian de la Gomera
	GRO	Gerona
	GRX	Granada
	JCU	Ceuta Heliport
	LCG	La Coruna
	LEI	Almeria
	LEN	Leon
	MAH	Menorca
	MJV	Murcia
	MLN	Melilla
	OVD	Asturias
	PNA	Pamplona
	REU	Reus
	SCQ	Santiago de Compostela
	SDR	Santander
	SPC	Santa Cruz de la Palma
	SVQ	Seville
	VIT	Vitoria (ES)
	VGO	Vigo
	SLM	Salamanca
	VDE	Valverde
	VLL	Valladolid
	XRY	Jerez de la Frontera
	ZAZ	Zaragoza
Sweden	AGH	Angelholm/Helsingborg Angelholm Apt
	AJR	Arvidsjaur
	BLE	Borlange/Falun
	EVG	Sveg
	GEV	Gallivare
	HAD	Halmstad
	HFS	Hagfors

Country	IATA	Name	Airport
Sweden	HLF	Hultsfred	
	HMV	Hemavan	
	JKG	Jonkoping	
	KID	Kristianstad	
	KLR	Kalmar	
	KRF	Kramfors	
	KRN	Kiruna	
	KSD	Karlstad	
	KSK	Karlskoga	
	LLA	Lulea	
	LPI	Linkoping	
	LYC	Lycksele	
	MXX	Mora	
	NRK	Norrkoping	
	NYO	Stockholm Skavsta Airport	
	OER	Ornskoldsvik	
	ORB	Orebro	
	OSD	Ostersund	
	OSK	Oskarshamn	
	PJA	Pajala	
	RNB	Ronneby	
	SDL	Sundsvall	
	SFT	Skelleftea	
	SQO	Storuman	
	THN	Trollhattan	
	TYF	Torsby	
	UME	Umea	
	VBV	Visby	
	VHM	Vilhelmina	
	VST	Stockholm Vasteras Apt	
	VXO	Vaxjo	
United Kingdom	ACI	Alderney	
	BBP	Bembridge	
	BEB	Benbecula	
	BRR	Barra	
	BZZ	Brize Norton	
	CAL	Campbeltown	
	DND	Dundee	
	EOI	Eday	
	FIE	Fair Isle	
	HUY	Humberside	
	ILY	Islay	
	INV	Inverness	
	IOM	Isle of Man	
	ISC	Isles of Scilly St Mary's Apt	
	KOI	Kirkwall	
	LDY	Londonderry	
	LEQ	Lands End	
	LSI	Shetland Islands Sumburgh Apt	
	LWK	Shetland Islands Lerwick/Tingwall Apt	
	MSE	Manston	
	NDY	Sanday	
	NQY	Newquay	
	NRL	North Ronaldsay	
	PLH	Plymouth	
	PPW	Papa Westray	
	PZE	Penzance	
	SOY	Stronsay	
	SWS	Swansea	
	SYW	Stornoway	
	TRE	Tiree	
	TSO	Isles of Scilly Tresco Apt	
	WIC	Wick	
	WRY	Westray	
	GIB	Gibraltar	

Annex I-3

Number of scheduled movements at all EU airports in 2003 (ref. OAG)

Airport	Civil subsonic jet aircraft			All aircraft types			% Jets
	Departures	Arrivals	Total	Departures	Arrivals	Total	
CDG	232818	232982	465800	236947	237113	474060	98
LHR	231184	231521	462705	232932	233267	466199	99
FRA	208202	208879	417081	219407	220082	439489	95
MAD	168998	170244	339242	181399	182596	363995	93
AMS	161664	161328	322992	183982	183640	367622	88
MUC	133786	133777	267563	172385	172366	344751	78
FCO	132215	132443	264658	143586	143718	287304	92
BCN	118821	117983	236804	128359	127446	255805	93
BRU	93171	93734	186905	102641	103415	206056	91
ORY	88252	87754	176006	96536	96036	192572	91
LGW	87088	86927	174015	92321	92199	184520	94
MXP	85553	85968	171521	95698	96252	191950	89
CPH	84391	84352	168743	122954	122909	245863	69
DUS	75871	75757	151628	84273	84160	168433	90
ARN	72713	72749	145462	107150	107107	214257	68
VIE	71087	71164	142251	92224	92331	184555	77
STN	70334	70214	140548	72574	72454	145028	97
MAN	63288	63080	126368	76600	76316	152916	83
DUB	61715	61204	122919	72738	72453	145191	85
TXL	58883	58721	117604	63719	63613	127332	92
ATH	56617	55899	112516	73239	72490	145729	77
NCE	53053	52842	105895	90954	91432	182386	58
HAM	52592	52503	105095	63910	63809	127719	82
LIS	51201	51234	102435	54974	55268	110242	93
BHX	50301	50674	100975	60015	60132	120147	84
HEL	46944	46950	93894	71568	71702	143270	66
LYS	46967	46902	93869	52362	52297	104659	90
LIN	45492	45817	91309	46007	46332	92339	99
PMI	43852	43792	87644	51738	51677	103415	85
CGN	40981	41747	82728	48972	49719	98691	84
EDI	40341	40205	80546	48812	48725	97537	83
STR	39363	39385	78748	51710	51726	103436	76
GLA	31598	30702	62300	39513	39420	78933	79
AGP	31015	30932	61947	36270	36193	72463	85
TLS	29160	28942	58102	33578	33280	66858	87
MRS	28173	28234	56407	34663	34723	69386	81
VCE	26651	26290	52941	31523	31046	62569	85
LTN	24968	25000	49968	25727	25739	51466	97
NAP	23126	23459	46585	28368	28701	57069	82
HAJ	22344	22402	44746	30331	30390	60721	74
CTA	22347	22016	44363	23759	23428	47187	94
GOT	20209	20247	40456	25934	25969	51903	78
ALC	19436	19248	38684	20275	20087	40362	96
LUX	16798	16817	33615	23148	23166	46314	73
EMA	13568	14337	27905	14876	15645	30521	91
ABZ	12169	12173	24342	22179	22183	44362	55
LPA	12212	11978	24190	27282	27048	54330	45
TFS	8821	8732	17553	10020	9931	19951	88
MLH	5630	5629	11259	6724	6723	13447	84
BHD	9256	9746	19002	17838	18431	36269	52
BMA	8057	8048	16105	14220	14266	28486	57
LCY	6554	6581	13135	25688	25759	51447	26
THF	1345	1346	2691	10353	10358	20711	13
BLQ	19398	19315	38713	25530	25271	50801	76
PMO	19101	18934	38035	20756	20589	41345	92
TRN	18770	18889	37659	21672	21789	43461	87
OPO	18315	18557	36872	18585	18827	37412	99
SXB	17798	17848	35646	19309	19361	38670	92
BOD	17638	17850	35488	20383	20594	40977	87
BRS	16744	16768	33512	20228	20261	40489	83
BIO	16296	16290	32586	19086	19022	38108	86
SKG	14789	15021	29810	18932	19163	38095	78
BFS	14180	13973	28153	14472	14265	28737	98
EMA	13568	14337	27905	14876	15645	30521	91
NCL	12343	12231	24574	17874	18020	35894	68
ABZ	12169	12173	24342	22179	22183	44362	55

Airport	Civil subsonic jet aircraft			All aircraft types			% Jets
	Departures	Arrivals	Total	Departures	Arrivals	Total	
LPA	12212	11978	24190	27282	27048	54330	45
NTE	12068	12068	24136	13926	13926	27852	87
NUE	11921	11912	23833	19863	19853	39716	60
BGY	11608	11748	23356	13938	13727	27665	84
LBA	10782	10781	21563	13383	13640	27023	80
LPL	10428	10408	20836	13774	13753	27527	76
VLC	9976	10112	20088	18161	18035	36196	55
SVQ	9831	9840	19671	11027	11035	22062	89
CAG	9709	9729	19438	10161	10181	20342	96
VRN	9634	9505	19139	14953	14863	29816	64
PSA	9117	9116	18233	11506	11506	23012	79
ORK	8909	9172	18081	14723	14725	29448	61
FAO	8932	8934	17866	8932	8934	17866	100
MPL	8781	8776	17557	10755	10746	21501	82
TFS	8821	8732	17553	10020	9931	19951	88
FLR	8550	8496	17046	14247	14193	28440	60
HER	7995	8304	16299	9878	10187	20065	81
SNN	8223	7864	16087	8980	8770	17750	91
HHN	7902	7900	15802	7902	7900	15802	100
LIL	7786	7785	15571	8620	8619	17239	90
IBZ	7637	7569	15206	11885	11895	23780	64
JER	7687	7186	14873	20201	18987	39188	38
MMX	7486	7271	14757	8795	8580	17375	85
FNC	7315	7347	14662	9933	9965	19898	74
SOU	6911	7092	14003	18832	18963	37795	37
PIK	6710	6711	13421	6935	6936	13871	97
CFE	6699	6694	13393	17979	17978	35957	37
BLL	6481	6499	12980	11807	11807	23614	55
FMO	6425	6426	12851	10205	10228	20433	63
BRI	5954	5954	11908	7501	7495	14996	79
OLB	5897	5824	11721	6395	6322	12717	92
MLH	5630	5629	11259	6724	6723	13447	84
CRL	5509	5509	11018	5509	5509	11018	100
ACE	5463	5440	10903	11146	11123	22269	49
SCQ	5444	5440	10884	6005	6059	12064	90
CIA	5361	5361	10722	5489	5489	10978	98
TFN	5351	5339	10690	18230	18218	36448	29
SUF	5343	5347	10690	5516	5520	11036	97
RHO	5328	5350	10678	7701	7723	15424	69
CWL	5170	5170	10340	7381	7381	14762	70
BRE	5131	5184	10315	12124	12160	24284	42
BES	5124	5125	10249	5124	5125	10249	100
SXF	5065	5114	10179	5066	5115	10181	100
GRZ	5071	5096	10167	8748	8750	17498	58
DRS	4990	4995	9985	10449	10455	20904	48
GOA	4970	4973	9943	9777	9777	19554	51
OVD	4888	4900	9788	4888	4900	9788	100
BIQ	4747	4751	9498	4818	4822	9640	99
MAH	4732	4745	9477	8319	8334	16653	57
FUE	4616	4615	9231	8996	8995	17991	51
LEJ	4605	4605	9210	11717	11722	23439	39
RNS	4412	4412	8824	7080	7082	14162	62
VGO	4367	4370	8737	4715	4718	9433	93
OUL	4128	4133	8261	5173	5179	10352	80
LNZ	4106	4106	8212	7309	7311	14620	56
SZG	4085	4087	8172	7327	7330	14657	56
PUF	4024	4024	8048	4024	4024	8048	100
UME	3900	3909	7809	4870	4879	9749	80
BVA	3374	3375	6749	3374	3375	6749	100
AJA	3359	3367	6726	5314	5321	10635	63
AHO	3276	3365	6641	3432	3521	6953	96
PAD	3274	3269	6543	8228	8211	16439	40
CFU	3259	3266	6525	3530	3537	7067	92
DTM	3220	3219	6439	9932	9931	19863	32
LLA	3065	3067	6132	5246	5282	10528	58
AAL	3055	3058	6113	6406	6415	12821	48
NYO	3024	3024	6048	3076	3076	6152	98
BIA	2926	2919	5845	4741	4739	9480	62

Airport	Civil subsonic jet aircraft			All aircraft types			% Jets
	Departures	Arrivals	Total	Departures	Arrivals	Total	
XRY	2919	2921	5840	2919	2921	5840	100
GRO	2881	2890	5771	2933	2943	5876	98
BDS	2872	2875	5747	2872	2875	5747	100
LCG	2790	2792	5582	3444	3446	6890	81
CHQ	2738	2747	5485	3310	3319	6629	83
GRX	2728	2727	5455	2983	2982	5965	91
GCI	2048	2989	5037	15830	16595	32425	16
REG	2513	2514	5027	2513	2514	5027	100
MME	2464	2465	4929	3499	3500	6999	70
TLN	2457	2458	4915	3184	3184	6368	77
AAR	2070	2072	4142	5990	6011	12001	35
NWI	2056	2056	4112	4993	4993	9986	41
PGF	1995	1994	3989	2565	2564	5129	78
KGS	1971	1979	3950	2151	2159	4310	92
LRT	1927	1927	3854	2124	2124	4248	91
TRS	1898	1899	3797	4451	4459	8910	43
OSD	1843	1796	3639	2481	2437	4918	74
SDL	1807	1809	3616	3681	3683	7364	49
INV	1767	1767	3534	5423	5424	10847	33
TSF	1732	1732	3464	2229	2230	4459	78
MJV	1706	1706	3412	2559	2559	5118	67
AGH	1666	1667	3333	1815	1816	3631	92
RVN	1654	1656	3310	1822	1824	3646	91
SFT	1649	1651	3300	1991	1992	3983	83
LBC	1611	1611	3222	1611	1611	3222	100
LEI	1603	1602	3205	3981	4046	8027	40
AXD	1582	1582	3164	1838	1838	3676	86
PDL	1512	1516	3028	4698	4693	9391	32
LIG	1486	1487	2973	2269	2270	4539	65
IOM	1439	1496	2935	13750	13387	27137	11
LGG	1422	1378	2800	1422	1378	2800	100
FNI	1352	1352	2704	1352	1352	2704	100
ETZ	1331	1357	2688	3475	3500	6975	39
PSR	1296	1297	2593	2529	2530	5059	51
VLL	1265	1265	2530	1882	1882	3764	67
KVA	1262	1264	2526	1516	1518	3034	83
AVN	1238	1238	2476	1238	1238	2476	100
UIP	1218	1218	2436	1218	1218	2436	100
RTM	1186	1194	2380	5935	5982	11917	20
RNB	1186	1187	2373	2040	2041	4081	58
TKU	1136	1164	2300	5366	5378	10744	21
RDZ	1124	1124	2248	1852	1852	3704	61
SCN	1114	1112	2226	4673	4667	9340	24
KID	1107	1109	2216	2357	2358	4715	47
FSC	1089	1091	2180	2422	2422	4844	45
KEM	1079	1080	2159	1079	1080	2159	100
MGL	1077	1077	2154	1206	1206	2412	89
VAA	1025	1026	2051	3777	3780	7557	27
CFR	997	998	1995	1363	1364	2727	73
SPC	954	952	1906	5438	5436	10874	18
GSE	951	951	1902	999	1003	2002	95
KIR	945	945	1890	2249	2249	4498	42
MST	933	933	1866	2541	2541	5082	37
KLR	904	905	1809	2179	2179	4358	42
KTT	886	885	1771	886	885	1771	100
CUF	880	880	1760	981	981	1962	90
BOH	869	869	1738	1287	1287	2574	68
CCF	840	840	1680	840	840	1680	100
FRL	840	840	1680	840	840	1680	100
BZR	837	837	1674	837	837	1674	100
FDH	822	821	1643	3783	3784	7567	22
URO	808	807	1615	1497	1496	2993	54
FKB	808	795	1603	923	910	1833	87
MJT	789	789	1578	3642	3645	7287	22
ERF	779	777	1556	3204	3202	6406	24
KUO	779	777	1556	2287	2298	4585	34
ZAZ	805	725	1530	1900	1895	3795	40
IVL	753	753	1506	753	753	1506	100

Airport	Civil subsonic jet aircraft			All aircraft types			% Jets
	Departures	Arrivals	Total	Departures	Arrivals	Total	
BLK	744	744	1488	1025	1025	2050	73
KAJ	730	731	1461	964	964	1928	76
LMP	727	727	1454	786	786	1572	92
PNA	725	726	1451	3194	3168	6362	23
TER	725	713	1438	4354	4343	8697	17
KRN	718	719	1437	996	997	1993	72
SDR	693	694	1387	3626	3627	7253	19
LEH	693	694	1387	3191	3193	6384	22
HUY	646	646	1292	2760	2760	5520	23
VXO	645	645	1290	2636	2637	5273	24
KAO	635	634	1269	635	634	1269	100
EAS	625	625	1250	3084	3085	6169	20
TMP	607	610	1217	4636	4735	9371	13
EBJ	608	608	1216	1180	1181	2361	52
CLY	603	603	1206	1880	1880	3760	32
NOC	576	576	1152	1225	1225	2450	47
LDY	562	562	1124	2015	2016	4031	28
NRN	549	549	1098	549	549	1098	100
VBS	542	542	1084	1479	1479	2958	37
AOI	542	541	1083	3998	3998	7996	14
EIN	502	567	1069	4056	4121	8177	13
EGC	681	375	1056	1343	1298	2641	40
VST	510	510	1020	2989	3074	6063	17
GIB	1010	0	1010	1010	0	1010	100
NQY	476	476	952	2289	2289	4578	21
KOK	475	473	948	1738	1737	3475	27
OER	463	463	926	1250	1251	2501	37
LRH	461	462	923	1383	1384	2767	33
GNB	452	452	904	1362	1361	2723	33
EBU	444	444	888	773	773	1546	57
REU	426	427	853	919	919	1838	46
CRV	424	424	848	424	424	848	100
HOR	415	415	830	2209	2206	4415	19
INN	421	400	821	5416	5407	10823	8
JOE	399	399	798	1707	1708	3415	23
KLU	369	370	739	2979	2980	5959	12
SYU	361	361	722	1682	1682	3364	21
DNR	321	321	642	1442	1442	2884	22
GRQ	314	314	628	314	314	628	100
PIS	297	297	594	1108	1108	2216	27
TUF	295	295	590	651	651	1302	45
JTR	268	269	537	2541	2542	5083	11
BJZ	259	259	518	494	494	988	52
SMI	251	251	502	1623	1623	3246	15
KSD	244	244	488	2482	2484	4966	10
OST	244	244	488	244	244	488	100
AOC	244	244	488	244	244	488	100
JYV	238	238	476	2360	2361	4721	10
LXS	235	235	470	1530	1530	3060	15
AOT	239	229	468	239	229	468	100
PXO	229	229	458	2847	2847	5694	8
GPA	228	229	457	228	229	457	100
LDE	225	225	450	225	225	450	100
ZTH	222	222	444	664	664	1328	33
LPI	182	181	363	2191	2190	4381	8
RHE	178	178	356	178	178	356	100
JMK	170	169	339	2238	2257	4495	8
PNL	166	167	333	225	226	451	74
RLG	144	148	292	1112	1116	2228	13
RMI	133	133	266	953	954	1907	14
BZZ	104	105	209	104	105	209	100
AOK	96	97	193	1116	1117	2233	9
CMF	95	94	189	179	178	357	53
JSI	72	72	144	276	276	552	26
KLX	72	72	144	72	72	144	100
PVK	69	73	142	487	491	978	15
POR	64	64	128	1684	1686	3370	4
EXT	54	54	108	1501	1501	3002	4

Airport	Civil subsonic jet aircraft			All aircraft types			% Jets
	Departures	Arrivals	Total	Departures	Arrivals	Total	
EFL	43	43	86	608	608	1216	7
SLM	41	41	82	41	41	82	100
VIT	40	40	80	854	856	1710	5
DIJ	35	35	70	607	608	1215	6
ENF	33	33	66	33	33	66	100
SVL	24	24	48	1122	1123	2245	2
PEG	24	24	48	912	913	1825	3
IOA	15	15	30	1424	1424	2848	1
DOL	10	10	20	10	10	20	100
VBV	8	8	16	7532	7477	15009	0
JKH	8	8	16	1667	1676	3343	0
HDF	7	7	14	148	148	296	5
MXX	2	2	4	722	722	1444	0
SMA	1	1	2	648	648	1296	0
JCA	0	0	0	5792	5788	11580	0
KOI	0	0	0	4250	4249	8499	0
KRP	0	0	0	3942	3801	7743	0
MLN	0	0	0	3458	3384	6842	0
JKG	0	0	0	3253	3254	6507	0
ANR	0	0	0	3110	3070	6180	0
PZE	0	0	0	3005	2992	5997	0
BLE	0	0	0	2991	2952	5943	0
ACI	0	0	0	2997	2930	5927	0
KEL	0	0	0	2799	2800	5599	0
ORB	0	0	0	2601	2560	5161	0
NRK	0	0	0	2188	2190	4378	0
THN	0	0	0	2168	2169	4337	0
GWY	0	0	0	2159	2159	4318	0
PLH	0	0	0	2152	2153	4305	0
HAD	0	0	0	2132	2137	4269	0
HGL	0	0	0	1704	2536	4240	0
ISC	0	0	0	2099	2112	4211	0
MHG	0	0	0	1951	1952	3903	0
MHQ	0	0	0	1901	1901	3802	0
RNN	0	0	0	1882	1883	3765	0
BQH	0	0	0	1825	1825	3650	0
BBP	0	0	0	1825	1825	3650	0
LSI	0	0	0	1802	1803	3605	0
LPP	0	0	0	1679	1680	3359	0
LYC	0	0	0	1566	1554	3120	0
PGX	0	0	0	1533	1533	3066	0
SGD	0	0	0	1438	1579	3017	0
DND	0	0	0	1498	1508	3006	0
NDZ	0	0	0	1460	1460	2920	0
VDE	0	0	0	1408	1408	2816	0
BMK	0	0	0	1306	1306	2612	0
EME	0	0	0	1306	1306	2612	0
BZO	0	0	0	1317	1293	2610	0
KRF	0	0	0	1193	1193	2386	0
SQO	0	0	0	1147	1147	2294	0
WIC	0	0	0	1135	1135	2270	0
PMF	0	0	0	1133	1133	2266	0
SWS	0	0	0	1105	1105	2210	0
GMZ	0	0	0	1095	1095	2190	0
GWT	0	0	0	1060	1060	2120	0
OSK	0	0	0	998	998	1996	0
SJY	0	0	0	997	990	1987	0
TSO	0	0	0	988	988	1976	0
VRK	0	0	0	983	984	1967	0
AGB	0	0	0	911	911	1822	0
AJR	0	0	0	797	855	1652	0
HOQ	0	0	0	823	823	1646	0
RKE	0	0	0	800	800	1600	0
BRV	0	0	0	799	799	1598	0
JCU	0	0	0	782	782	1564	0
GEV	0	0	0	784	748	1532	0
DCM	0	0	0	732	732	1464	0
FOG	0	0	0	730	730	1460	0

Airport	Civil subsonic jet aircraft			All aircraft types			% Jets
	Departures	Arrivals	Total	Departures	Arrivals	Total	
TQR	0	0	0	730	730	1460	0
SXL	0	0	0	725	725	1450	0
NRL	0	0	0	693	693	1386	0
PPW	0	0	0	693	693	1386	0
HFS	0	0	0	682	682	1364	0
VHM	0	0	0	680	681	1361	0
LAI	0	0	0	655	655	1310	0
GNE	0	0	0	645	645	1290	0
PIX	0	0	0	635	638	1273	0
LEN	0	0	0	625	625	1250	0
ANG	0	0	0	615	614	1229	0
NCY	0	0	0	613	613	1226	0
AGF	0	0	0	607	607	1214	0
CER	0	0	0	603	603	1206	0
NDY	0	0	0	600	600	1200	0
WRY	0	0	0	600	600	1200	0
BRR	0	0	0	593	593	1186	0
PAS	0	0	0	592	592	1184	0
HEI	0	0	0	1007	175	1182	0
FLW	0	0	0	586	589	1175	0
SOY	0	0	0	583	583	1166	0
SJZ	0	0	0	571	574	1145	0
BEB	0	0	0	568	568	1136	0
ILY	0	0	0	567	567	1134	0
ANE	0	0	0	544	542	1086	0
MIK	0	0	0	539	539	1078	0
BGC	0	0	0	522	522	1044	0
VRL	0	0	0	522	522	1044	0
KJK	0	0	0	516	516	1032	0
TED	0	0	0	505	513	1018	0
CAL	0	0	0	509	509	1018	0
LRS	0	0	0	507	507	1014	0
PJA	0	0	0	495	501	996	0
EVG	0	0	0	495	495	990	0
HLF	0	0	0	492	489	981	0
CFN	0	0	0	487	487	974	0
AUR	0	0	0	427	428	855	0
GRW	0	0	0	403	405	808	0
BVE	0	0	0	403	403	806	0
WVN	0	0	0	365	365	730	0
LPY	0	0	0	364	364	728	0
FIE	0	0	0	357	357	714	0
MLO	0	0	0	354	354	708	0
TYF	0	0	0	352	352	704	0
LWK	0	0	0	333	333	666	0
JTY	0	0	0	322	322	644	0
TRE	0	0	0	309	309	618	0
JNX	0	0	0	303	303	606	0
KIT	0	0	0	299	299	598	0
CVU	0	0	0	288	288	576	0
KSJ	0	0	0	272	272	544	0
KZS	0	0	0	259	259	518	0
JSH	0	0	0	257	257	514	0
JSY	0	0	0	252	252	504	0
WAT	0	0	0	249	249	498	0
EPL	0	0	0	227	227	454	0
SEN	0	0	0	209	209	418	0
MSE	0	0	0	209	209	418	0
JKI	0	0	0	195	195	390	0
HMV	0	0	0	191	190	381	0
SKU	0	0	0	179	179	358	0
KSO	0	0	0	157	157	314	0
KZI	0	0	0	153	153	306	0
EOI	0	0	0	102	102	204	0
SGE	0	0	0	63	63	126	0

Airport	Civil subsonic jet aircraft			All aircraft types			% Jets
	Departures	Arrivals	Total	Departures	Arrivals	Total	
LEQ	0	0	0	54	54	108	0
KSK	0	0	0	52	52	104	0
CVT	0	0	0	47	48	95	0
SAY	0	0	0	44	44	88	0
TTB	0	0	0	44	44	88	0
LTT	0	0	0	32	32	64	0
LTQ	0	0	0	52	0	52	0
OXF	0	0	0	0	52	52	0

Annex I-4

Questionnaires



**Study on current and future aircraft noise exposure
at and around Community airports
– Questionnaire –**

General

Airport name:	
IATA code:	
Full address:	
Web site:	
Contact person:	
Position/Department:	
Phone:	
Fax:	
e-mail :	

General description of the noise situation

1. Type of surroundings:

☐ Industrial
☐ Residential
☐ Rural

2. Is your airport affected by noise problems? :

☐ Yes
☐ No

3. Do you expect it will be in the future (2007-2015)? :

☐ Yes
☐ No

4. If Yes, When?: (*)

☐ Day
☐ Night
☐ Depending on runway configuration

5. If Yes, noise problems exist for: (*)

☐ Departure
☐ Landing
☐ Beneath flight path
☐ Sideline
☐ Taxiing
☐ Terminal area

6. Types of aircraft that you consider produce the mayor problems at your airport: (*)

☐ Cargo
☐ Intercontinental
☐ Hush-kitted
☐ Marginally compliant Chapter 3
☐ All types
☐ Other:

(*) *Select all applicable*



1



*Study on current and future aircraft noise exposure
at and around Community airports
– Questionnaire –*

Noise monitoring and calculation

7. Is there any monitoring system installed? :

- ☐ Yes
☐ No

8. If Yes, it is used for: (*)

- ☐ Information
☐ Reporting
☐ Enforcement of regulations
☐ Public dissemination

9. If Yes, how many monitoring stations are operational:

10. If Yes, is flight track monitoring incorporated? :

- ☐ Yes
☐ No

11. If Yes, Model and short description of the system:

12. Noise metric(s) used: (*)

- ☐ LAE
☐ SEL
☐ LAmax
☐ Lden
☐ Lnight
☐ EPNL
☐ PNL(T)max
☐ Other:

13. Calculation model used:

- ☐ None
☐ INM
☐ DANSIM
☐ ECAC Doc 29
☐ Other:

14. Would you be prepared to provide us (on request) with the following information, to assist in the study: (*)

- ☐ Noise contours
☐ Noise model input files
☐ Digitised maps
☐ SID/STARs

(*) Select all applicable





**Study on current and future aircraft noise exposure
at and around Community airports
– Questionnaire –**

Airport details

15. Airport reference point:

Longitude:
Latitude:

16. Airport altitude: [m]

17. Climate type:

- ☐ Continental
☐ Oceanic
☐ Mediterranean

18. Yearly average temperature:

[°C]

19. Please fill the following table for all operational runways:

Note: here each direction is considered a separate runway (i.e. 27R and 09L are 2 runways)

Runway	ID (e.g. 01L)	Orientation [°]	Length [m]	Slope [°]	Reference point	
					Longitude	Latitude
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						

20. Are new runway(s) or terminal(s) in project:

- ☐ Yes
☐ No

21. Is the growth in capacity constraint:

- ☐ Yes
☐ No





**Study on current and future aircraft noise exposure
at and around Community airports
– Questionnaire –**

Traffic details

22. Please fill the following table as detailed as possible (use runway numbering as in point 19)

		Year				
		2000	2001	2002	2007	2015
N° of movements (D/L)*	Runway 1					
	Runway 2					
	Runway 3					
	Runway 4					
	Runway 5					
	Runway 6					
	Runway 7					
	Runway 8					
	Runway 9					
	Runway 10					
Average daily Operations (D/N)** (%)	General aviation/commuter					
	Civil jet					
	Military					
	Other					
N° pax						
Cargo	Tons					
	N° movements					
% of total movements by generic class (see also Annex 1)	Class 1 (0-80 pax)					
	Class 2 (81-150 pax)					
	Class 3 (151-210 pax)					
	Class 4 (201-300 pax)					
	Class 5 (301-400 pax)					
	Class 6 (401-500 pax)					
	Class 7 (> 500 pax)					
Stage length of flights from/to airport (%)	< 1000 km					
	1000 - 2000 km					
	2000 - 4000 km					
	> 4000 km					

* D/L: If possible, please subdivide in Departure/Landing

** D/N: If possible, please subdivide in day/night

23. Can you provide us with a detailed fleet mix for an average (i.e. representative) day of operations (if Yes, please fill the table in Annex 1):

- ☐ Yes
☐ No





**Study on current and future aircraft noise exposure
at and around Community airports
– Questionnaire –**

Noise Abatement Practices

24. Is your airport currently applying or developing any of the following means of noise abatement? (*)

Curfews	Current	Projected
Preferential runway use		
Operational restrictions		
SID/STARS for noise abatement		
Noise Abatement Procedures (vertical profile)		
Operating quota		
Thrust reverser restrictions		
Engine run-up restrictions		
APU restrictions		
Noise barriers		
Noise level limits		
Noise tax		
Noise isolation programs		
Zoning/land use planning		
Land acquisition and reallocation		
Other measures [specify below]		

25. Is your airport planning to introduce (additional) restrictions in the framework of European Directive 2002/30-EC?

- ☐ Yes
☐ No

26. If Yes specify:

(*) Select all applicable





**Study on current and future aircraft noise exposure
at and around Community airports
– Questionnaire –**

Population details

Note: This information will only be used in the framework of the present study and will not be used for any other purpose without prior authorisation of the airport

27. Please fill the following table as detailed as possible for all towns/villages affected by noise from the airport:

Name of town/village	N° inhabitants	Area (km ²)	Population density (n°/km ²)	Dominant Type of building (*)	Estimated future growth (until 2007) % / year

(*) None = 0; 1-3 storeys = 1; 4-10 storeys = 2; >10 storeys = 3; individual = 4

28. Estimated total n° of people affected by noise from the airport for the different levels and metrics used in your noise studies (past, current and future):

Metric	Level	N° of people affected				
		2000	2001	2002	Year.....	Year.....

Comments





**Study on current and future aircraft noise exposure
at and around Community airports
– Questionnaire –**

Annex 1 Fleet mix for a representative day (in n° of movements or % of total)

AIRCRAFT	Year.....	2002	2007	2015
GENERIC CLASS 1 (0-80 pax)				
Turboprop				
CRJ/ERJ/jets				
TU-134				
GENERIC CLASS 2 (81-150 pax)				
A-318				
A-319				
A-320				
B-727				
B-737-3/4/500				
B-737-6/700				
MD80/B-717				
BAE146				
F70				
F100				
BAC 1-11				
YAK-42				
GENERIC CLASS 3 (151-210 pax)				
B-737-8/900				
A310				
A321				
B-757				
IL-62				
TU-154				
TU-154M				
TU-204				
GENERIC CLASS 4 (201-300 pax)				
A-300				
B707				
B767				
DC8				
IL-86				
IL-96				
GENERIC CLASS 5 (301-400 pax)				
A.330				
A-340				
B-747-2/300				
B-777				
DC-10				
MD-11				
L-1011				
GENERIC CLASS 6 (401-500 pax)				
B-747-400				
GENERIC CLASS 7 (>500 pax)				
A-380				
OTHERS (Specify)				

[Send questionnaire](#)



7



**“Study on current and future aircraft noise exposure
at and around community airports”
- Questionnaire 2 -**

General

Airport name	<input type="text"/>
Contact person	<input type="text"/>
Position/Department	<input type="text"/>
Phone	<input type="text"/>
Fax	<input type="text"/>
e-mail	<input type="text"/>
Web-site	<input type="text"/>
Full address	<input type="text"/>

General description of the noise situation

1. Type of surroundings
 - ☐ Industrial
 - ☐ Residential
 - ☐ Rural
2. Is your airport affected by noise problems ?
 - ☐ Yes
 - ☐ No
3. Do you expect it will be in the future ?
 - ☐ Yes
 - ☐ No
4. If Yes, when ?
 - ☐ Day
 - ☐ Night
 - ☐ Depending on runway configuration
5. If Yes, noise problems exist for:
 - ☐ Departure
 - ☐ Landing
 - ☐ Beneath flight path
 - ☐ Sideline
 - ☐ Taxiing
 - ☐ Terminal area
6. Types of aircraft that you consider produce the mayor problems at your airport:
 - ☐ Cargo
 - ☐ Intercontinental
 - ☐ Hush-kitted
 - ☐ Marginally compliant Chapter 3
 - ☐ All types
 - ☐ Other:





**“Study on current and future aircraft noise exposure
at and around community airports”
- Questionnaire 2 -**

Airport capacity

7. What is the maximum capacity of your airport (in terms of number of movements per year)

8. Is this maximum capacity due to noise?

- ☐ Yes
☐ No

9. In which year this maximum capacity is expected to be reached?

10. Which actions are planned to avoid the capacity problem? (e.g. new runway in year X)

Noise Abatement Practices

11. Is your airport currently applying or developing any of the following means of noise abatement ?
Can you indicate in the last column if the introduction of the corresponding NAP is caused by the new
European Directive 2002/30-EC?

	Current	Projected	Caused by Directive
Curfews			
Preferential runway use			
Operational restrictions			
SID/STARS for noise abatement			
Noise Abatement Procedures (vertical profile)			
Operating quota			
Thrust reverser restrictions			
Engine run-up restrictions			
APU restrictions			
Noise barriers			
Noise level limits			
Noise tax			
Noise isolation programs			
Zoning/land use planning			
Land acquisition and reallocation			
Other measures <i>[specify]</i>			

12. Would you be prepared to provide us (on request) with your noise contours?

- ☐ Yes
☐ No





**“Study on current and future aircraft noise exposure
at and around community airports”
- Data sheet -**

Introduction

In the following, detailed information is requested on the traffic flows at your airport. This information is essential for the calculations to be performed in the present study. We therefore kindly request you to fill out as much fields as possible with the most recent data you have available. If this information is available from other sources which could be made available to Anotec, please let us know. If you already filled our first questionnaire, you would only have to provide the information not supplied in the first one.

Number of movements

Please give the corresponding number of movements per year

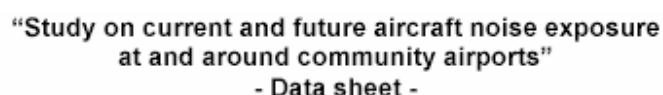
	2000	2001	2002	2003 (forecast)
Scheduled flights				
Non-scheduled flights				
Total				

Runway usage

Please give the % or number of movements per year for each of the operational runways, distinguishing between Arrivals and Departures and also between Day and Night.

Year for which data are given:		Number of movements per year		
Runway ID	Type of operation	Day	Night	Total
	Arrivals			
	Departures			
	Arrivals			
	Departures			
	Arrivals			
	Departures			
	Arrivals			
	Departures			
	Arrivals			
	Departures			
	Arrivals			
	Departures			
	Arrivals			
	Departures			
	Arrivals			
	Departures			
	Arrivals			
	Departures			
	Arrivals			
	Departures			
	Arrivals			
	Departures			
	Arrivals			
	Departures			
	Arrivals			
	Departures			



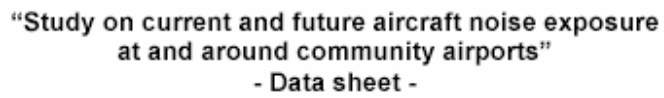


To determine as accurate as possible the noise contours around the airport, it is important to know the distribution of the movements among the various SIDs. Please give the % or number of movements per procedure for each operational runway indicated before, distinguishing between Day and Night. The picture gives an idea of the information requested here

<http://www.brusselsairport.be/night/nl/route.html>).

☐ Yes
☐ No







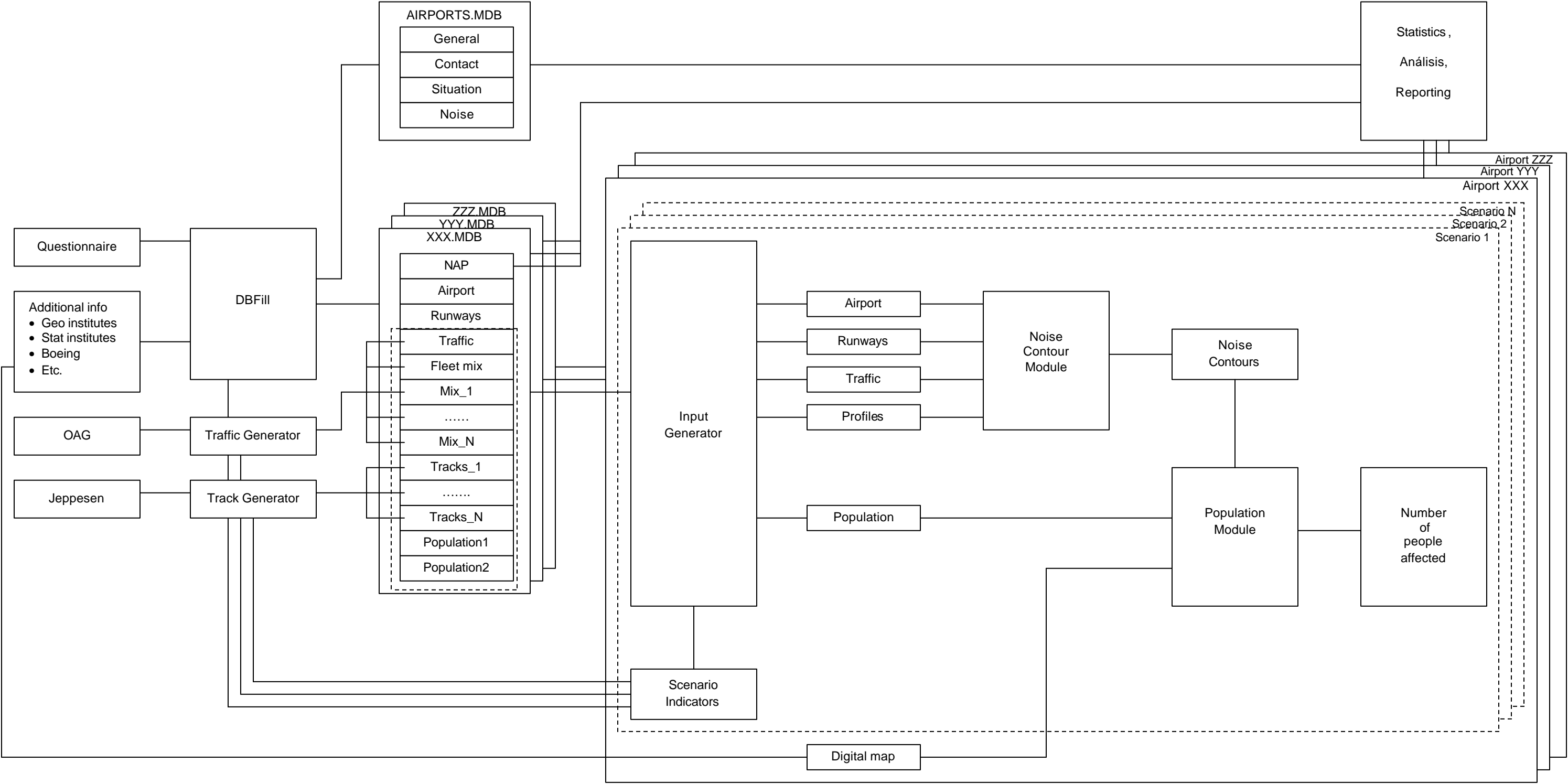
“Study on current and future aircraft noise exposure
at and around community airports”
- Data sheet -

Runway ID	SID ID	Number (or % of total runway) movements per year		
		Day	Night	Total



Annex I-5

Detailed calculation scheme





Annex II-1

Number of movements used in the various scenarios



Total number of aircraft movements*							
Airport	Scenario						
	Baseline Year	Probable		Conservative		Differentiated	
		2007	2015	2007	2015	2007	2015
ABZ	53420	63753	84602	56145	60797	64931	87843
AGP	101194	120768	160262	106356	115168	123355	171254
ALC	60584	72303	95948	63674	68950	73852	102528
AMS	406273	484859	643420	448558	525558	481593	633799
ARN	233157	278258	369254	245051	265354	267418	342831
ATH	158938	189683	251712	167046	180886	202078	322347
BCN	282563	337221	447498	319694	389516	344443	478192
BHD	34862	41606	55211	36640	39676	40415	51067
BHX	124190	148213	196681	130525	141340	150951	204215
BMA	39014	46561	61787	41004	44402	41720	47589
BRU	245983	293565	389568	278307	339091	296124	404489
CDG	514913	614514	815475	568506	666095	610669	811392
CGN	144771	172775	229276	152156	164763	172775	236573
CPH	259733	309975	411343	293864	358045	308630	421787
CTA	49914	59569	79049	52460	56807	61285	88788
DUB	173502	207062	274776	182351	197460	229133	362869
DUS	186408	222466	295217	195917	212150	222466	304614
EDI	112590	134368	178309	118332	128137	136850	185139
EMA	61944	73926	98102	65104	70498	75292	101860
FCO	297604	355171	471319	336712	410251	365401	529384
FRA	461792	551119	731347	509856	597377	551119	755570
GLA	97793	116710	154876	102781	111298	118866	160809
GOT	62267	74312	98613	65443	70866	71417	91557
HAJ	77248	92188	122336	81186	87913	92188	126229
HAM	136615	163041	216359	143584	155481	163041	223245
HEL	154663	184580	244942	162552	176021	191175	281341
LCY	52805	63019	83628	55499	60097	61215	77350
LGW	245681	293205	389089	277965	338674	298621	403992
LHR	462791	552312	732928	510959	598670	561164	757204
LIN	115575	137931	183038	121471	131535	141904	205587
LIS	116025	138468	183751	121943	132047	144450	210532
LPA	98341	117364	155744	103357	111921	119877	166426
LTN	78327	93478	124048	82322	89143	95205	128799
LUX	55535	66277	87952	58368	63204	66855	91321
LYS	118600	141541	187828	124650	134978	140791	187358
MAD	381062	454773	603494	420723	492945	463843	642473
MAN	198798	237252	314839	208939	226250	241636	326899
MLH	77370	92336	122532	81317	88054	91847	122225
MRS	88101	105143	139527	92595	100267	104586	139177
MUC	350331	418097	554824	396367	482935	418097	572483
MXP	217081	259072	343794	245607	299249	266534	386149
NAP	72471	86489	114773	76168	82479	88981	128913
NCE	144148	172031	228289	151501	164054	171120	227717
ORY	207562	247712	328719	234837	286126	246399	327895
PMI	168984	201671	267622	177604	192319	205990	285978
STN	182251	217505	288633	191548	207419	221523	299691
STR	129069	154036	204408	135653	146893	154036	210914
TFS	60857	72629	96380	63961	69261	74184	102990
THF	32238	38474	51056	33882	36690	36368	44666
TLS	87958	104972	139300	92445	100104	104416	138951
TXL	134406	160405	212861	141262	152967	160405	219636
VCE	75682	90320	119857	79542	86132	92922	134623
VIE	208768	249151	330628	219417	237597	250960	352423

* Both scheduled and non-scheduled flights

Total number of aircraft movements contemplated in the calculations with unconstrained growth



Annex II-2

Noise Contours Baseline Year (2002) - L_{den} -



Airport		Page
IATA	Name	
ABZ	Aberdeen	II-2-3
AGP	Málaga	II-2-4
ALC	Alicante	II-2-5
AMS	Schiphol (Amsterdam)	II-2-6
ARN	Arlanda (Stockholm)	II-2-7
ATH	Athens	II-2-8
BCN	Barcelona	II-2-9
BHD	Belfast City Airport	II-2-10
BHX	Birmingham	II-2-11
BMA	Bromma (Stockholm)	II-2-12
BRU	Brussels National	II-2-13
CDG	Charles de Gaulle (Paris-Roissy)	II-2-14
CGN	Koln-Bonn (Cologne-Bonn)	II-2-15
CPH	Copenhagen (Kastrup)	II-2-16
CTA	Catania	*)
DUB	Dublin	II-2-17
DUS	Dusseldorf	II-2-18
EDI	Edinburgh	II-2-19
EMA	East Midlands Airport	II-2-20
FCO	Fiumicino (Rome)	II-2-21
FRA	Frankfurt	II-2-22
GLA	Glasgow	II-2-23
GOT	Landvetter (Göteborg)	II-2-24
HAJ	Hannover	II-2-25
HAM	Hamburg	II-2-26
HEL	Vantaa (Helsinki)	II-2-27
LCY	London City Airport	II-2-28
LGW	Gatwick Airport	II-2-29
LHR	Heathrow	II-2-30
LIN	Linate Airport (Milan)	*)
LIS	Lisbon International	II-2-31
LPA	Las Palmas de Gran Canaria	II-2-32
LTN	London Luton	II-2-33
LUX	Luxembourg International Airport	II-2-34
LYS	Lyon-Saint-Exupéry	II-2-35
MAD	Barajas (Madrid)	II-2-36
MAN	Manchester	II-2-37
MLH	Basel-Mulhouse (Euroairport)	II-2-38
MRS	Marseille-Provence International Airport	II-2-39
MUC	Munich	II-2-40
MPX	Malpensa Airport (Milan)	II-2-41
NAP	Napoli	II-2-42
NCE	Côte d'Azur (Nice)	II-2-43
ORY	Orly (Paris)	II-2-44
PMI	Son San Juan (Palma)	II-2-45
STN	Stansted Airport	II-2-46
STR	Stuttgart	II-2-47
TFS	Tenerife Sur Reina Sofía Airport	II-2-48
THF	Tempelhof (Berlin)	II-2-49
TLS	Toulouse (Blagnac)	II-2-50
TXL	Tegel (Berlin)	II-2-51
VCE	Venice Marco Polo Airport	II-2-52
VIE	Vienna International Airport	II-2-53



Annex II-3

Noise Contours Baseline Year (2002)

- L_{night} -



Airport		Page
IATA	Name	
ABZ	Aberdeen	II-3-3
AGP	Málaga	II-3-4
ALC	Alicante	II-3-5
AMS	Schiphol (Amsterdam)	II-3-6
ARN	Arlanda (Stockholm)	II-3-7
ATH	Athens	II-3-8
BCN	Barcelona	II-3-9
BHD	Belfast City Airport	II-3-10
BHX	Birmingham	II-3-11
BMA	Bromma (Stockholm)	II-3-12
BRU	Brussels National	II-3-13
CDG	Charles de Gaulle (Paris-Roissy)	II-3-14
CGN	Koln-Bonn (Cologne-Bonn)	II-3-15
CPH	Copenhagen (Kastrup)	II-3-16
CTA	Catania	*)
DUB	Dublin	II-3-17
DUS	Dusseldorf	II-3-18
EDI	Edinburgh	II-3-19
EMA	East Midlands Airport	II-3-20
FCO	Fiumicino (Rome)	II-3-21
FRA	Frankfurt	II-3-22
GLA	Glasgow	II-3-23
GOT	Landvetter (Göteborg)	II-3-24
HAJ	Hannover	II-3-25
HAM	Hamburg	II-3-26
HEL	Vantaa (Helsinki)	II-3-27
LCY	London City Airport	II-3-28
LGW	Gatwick Airport	II-3-29
LHR	Heathrow	II-3-30
LIN	Linate Airport (Milan)	*)
LIS	Lisbon International	II-3-31
LPA	Las Palmas de Gran Canaria	II-3-32
LTN	London Luton	II-3-33
LUX	Luxembourg International Airport	II-3-34
LYS	Lyon-Saint-Exupéry	II-3-35
MAD	Barajas (Madrid)	II-3-36
MAN	Manchester	II-3-37
MLH	Basel-Mulhouse (Euroairport)	II-3-38
MRS	Marseille-Provence International Airport	II-3-39
MUC	Munich	II-3-40
MPX	Malpensa Airport (Milan)	II-3-41
NAP	Napoli	II-3-42
NCE	Cote D'Azur (Nice)	II-3-43
ORY	Orly (Paris)	II-3-44
PMI	Son San Juan (Palma)	II-3-45
STN	Stansted Airport	II-3-46
STR	Stuttgart	II-3-47
TFS	Tenerife Sur Reina Sofia Airport	II-3-48
THF	Tempelhof (Berlin)	II-3-49
TLS	Toulouse (Blagnac)	II-3-50
TXL	Tegel (Berlin)	II-3-51
VCE	Venice Marco Polo Airport	II-3-52
VIE	Vienna International Airport	II-3-53



Annex II-4

Noise Exposure Baseline Year (2002) - L_{den} and L_{night} -



Airports	Number of people affected						
	LA	A	HA	55-60	60-65	65-70	>=70
ABZ	3182	1833	761	5279	468	0	0
AGP	3701	2130	883	6095	627	0	0
ALC	4296	2516	1085	6656	832	0	0
AMS	27188	15932	6870	38425	7185	2191	0
ARN	127	73	31	198	33	0	0
ATH	139735	79893	32579	233016	22344	1064	0
BCN	20683	12050	5133	27409	8788	466	0
BHD	1992	1137	463	3294	360	0	0
BHX	50430	30236	13696	55440	22100	7800	0
BMA	9299	5366	2235	15007	1745	0	0
BRU	54357	32847	15102	58499	23004	7157	2532
CDG	59923	34922	14884	86053	15718	4658	0
CGN	28591	16658	7098	40577	9452	600	0
CPH	17701	10520	4665	25826	1396	2094	1745
DUB	15634	9103	3873	22180	5052	574	0
DUS	27593	16487	7411	28444	16679	1082	660
EDI	11273	6648	2912	13323	6158	0	0
EMA	13729	8355	3896	13387	6657	2145	390
FCO	19674	11542	4992	25410	8330	770	0
FRA	56683	33275	14418	69212	28870	848	0
GLA	11708	6792	2864	16746	4152	0	0
GOT	56	32	14	99	0	0	0
HAJ	24666	14666	6530	27397	13438	1214	0
HAM	69939	41708	18680	80956	31250	6500	750
HEL	6701	3827	1560	11027	1129	175	35
LCY	1293	732	291	2200	220	0	0
LGW	5106	2952	1237	7489	1684	0	0
LHR	256592	156145	72716	278708	88263	43377	18121
LIS	69892	41444	18348	80808	35076	4139	0
LPA	2484	1440	604	3845	600	0	0
LTN	8244	4896	2174	9875	3184	1194	0
LUX	13061	7540	3145	19756	3738	0	0
LYS	837	475	190	1352	215	0	0
MAD	38273	22048	9155	59153	10283	0	0
MAN	40978	24774	11412	38896	23295	5376	672
MLH	1286	752	324	1873	310	0	101
MRS	6433	3802	1671	7709	3182	208	0
MUC	3017	1751	739	4299	1083	0	0
MXP	15304	9101	4053	17227	8056	705	0
NAP	34679	20566	9107	39299	20230	0	0
NCE	7619	4369	1794	12406	1473	0	0
ORY	93196	56370	25963	96877	44822	11108	3198
PMI	16632	10414	5125	9088	12675	4225	0
STN	7052	4198	1870	9680	989	1369	164
STR	16315	9575	4144	21629	6010	939	0
TFS	1002	602	275	1100	400	200	0
THF	34399	20158	8701	43974	16054	349	0
TLS	8299	4800	2012	12519	2214	174	0
TXL	137563	81861	36504	159144	60726	15705	0
VCE	115	66	28	204	0	0	0
VIE	3686	2102	852	6414	364	0	0
All	1502218	891481	395069	1855479	580913	128406	28368

Number of people affected: Baseline Year (2002) - Lden



Number of people affected							
Airports	LA	A	HA	45-50	50-55	55-60	>60
ABZ	N/A	N/A	N/A	5034	390	104	0
AGP	N/A	N/A	N/A	9543	1454	0	0
ALC	N/A	N/A	N/A	5052	4160	0	0
AMS	N/A	N/A	N/A	47465	13660	2939	1027
ARN	N/A	N/A	N/A	165	132	0	0
ATH	N/A	N/A	N/A	328776	76608	0	0
BCN	N/A	N/A	N/A	48498	16859	3251	0
BHD	N/A	N/A	N/A	4129	743	0	0
BHX	N/A	N/A	N/A	75265	28600	12675	325
BMA	N/A	N/A	N/A	40633	24081	5933	349
BRU	N/A	N/A	N/A	79972	42702	15787	5454
CDG	N/A	N/A	N/A	175234	43842	5482	484
CGN	N/A	N/A	N/A	67676	29704	4768	328
CPH	N/A	N/A	N/A	43974	6980	1745	2443
DUB	N/A	N/A	N/A	8903	682	70	0
DUS	N/A	N/A	N/A	58293	25173	6837	924
EDI	N/A	N/A	N/A	14386	9237	384	0
EMA	N/A	N/A	N/A	19061	14887	3429	1950
FCO	N/A	N/A	N/A	24290	6930	2660	560
FRA	N/A	N/A	N/A	91578	55685	9162	0
GLA	N/A	N/A	N/A	25901	7002	189	0
GOT	N/A	N/A	N/A	132	99	0	0
HAJ	N/A	N/A	N/A	27044	24047	26749	5168
HAM	N/A	N/A	N/A	107876	49750	16000	1500
HEL	N/A	N/A	N/A	32773	4511	525	70
LCY	N/A	N/A	N/A	1100	0	0	0
LGW	N/A	N/A	N/A	15541	3315	150	0
LHR	N/A	N/A	N/A	274829	152967	53572	28715
LIS	N/A	N/A	N/A	115455	54286	11257	572
LPA	N/A	N/A	N/A	7690	1918	300	0
LTN	N/A	N/A	N/A	25907	4975	2189	597
LUX	N/A	N/A	N/A	23478	5340	178	0
LYS	N/A	N/A	N/A	3829	430	0	0
MAD	N/A	N/A	N/A	122835	24032	4336	0
MAN	N/A	N/A	N/A	53195	32981	12936	1344
MLH	N/A	N/A	N/A	5697	573	36	101
MRS	N/A	N/A	N/A	11743	4123	253	0
MUC	N/A	N/A	N/A	7864	2036	0	0
MXP	N/A	N/A	N/A	6993	4075	1128	0
NAP	N/A	N/A	N/A	89394	28428	7644	0
NCE	N/A	N/A	N/A	25696	4419	0	0
ORY	N/A	N/A	N/A	105553	51872	17292	5400
PMI	N/A	N/A	N/A	6760	13313	7605	2535
STN	N/A	N/A	N/A	16859	3020	1529	328
STR	N/A	N/A	N/A	37825	13843	3545	223
TFS	N/A	N/A	N/A	2400	500	400	0
THF	N/A	N/A	N/A	66659	27571	7678	0
TLS	N/A	N/A	N/A	18756	6720	474	0
TXL	N/A	N/A	N/A	242555	102955	30363	3490
VCE	N/A	N/A	N/A	612	204	0	0
VIE	N/A	N/A	N/A	12545	2752	0	0
All	N/A	N/A	N/A	2643423	1034566	281554	63887

Number of people affected: Baseline Year (2002) - Knight



Annex II-5

Noise Exposure Probable scenario (2007-2015) - L_{den} and L_{night} -



Airports	Number of people affected						
	LA	A	HA	55-60	60-65	65-70	>=70
ABZ	3449	1991	830	5733	468	0	0
AGP	4084	2360	988	6095	1254	0	0
ALC	4371	2583	1137	4992	2496	0	0
AMS	25813	14970	6311	38432	7266	374	0
ARN	134	79	35	165	66	0	0
ATH	170505	97662	39995	279832	29792	2128	0
BCN	20100	11765	5065	25374	9709	233	0
BHD	2956	1695	696	4646	743	0	0
BHX	47726	28547	12866	53490	20800	6825	0
BMA	11607	6693	2784	18497	2443	0	0
BRU	53674	32342	14785	60009	21946	6167	2332
CDG	71350	41624	17778	99549	21976	5142	0
CGN	29600	17211	7302	42973	9160	464	0
CPH	20445	12132	5363	30014	2094	2094	1745
DUB	5548	3207	1346	7903	2043	0	0
DUS	30115	17911	7979	32972	16578	1425	660
EDI	10637	6264	2734	12958	5459	0	0
EMA	12208	7229	3191	14766	5433	780	0
FCO	20143	11890	5212	24920	9030	1050	0
FRA	68698	40728	18029	73725	42456	1696	0
GLA	13835	8044	3413	19205	5320	63	0
GOT	54	32	13	99	0	0	0
HAJ	24117	14266	6284	27692	13215	607	0
HAM	79902	47987	21802	86570	38000	8750	1500
HEL	8523	4849	1954	14485	1164	175	35
LCY	1778	1010	406	2860	440	0	0
LGW	6262	3631	1531	9353	1844	0	0
LHR	303482	185185	86674	322355	112358	47249	22712
LIS	75166	44520	19662	87223	37797	4425	0
LPA	2869	1661	696	4454	600	100	0
LTN	7720	4541	1975	10186	2786	597	0
LUX	13887	8055	3397	20482	4272	0	0
LYS	872	492	194	1518	129	0	0
MAD	40481	23387	9776	61976	9475	1690	0
MAN	45073	27363	12706	40540	26319	6888	840
MLH	1473	860	368	2140	382	0	101
MRS	5499	3267	1452	6265	2928	208	0
MUC	3454	1999	839	5032	1161	0	0
MXP	15626	9322	4176	17156	8392	846	0
NAP	33906	20191	9019	37283	20230	266	0
NCE	10529	5993	2417	17529	1964	0	0
ORY	97502	59103	27336	99001	47455	13072	3198
PMI	17254	10848	5377	9088	11830	5915	0
STN	5116	3060	1380	6102	1655	829	164
STR	17758	10453	4554	23067	6917	939	0
TFS	1232	737	334	1400	500	200	0
THF	39746	23416	10224	48860	19544	698	0
TLS	8018	4661	1978	11562	2514	174	0
TXL	160551	95969	43192	180782	73290	17799	1047
VCE	169	96	39	306	0	0	0
VIE	3981	2280	932	6776	489	0	0
All	1658998	986161	438526	2018392	664182	139868	34334

Number of people affected: Probable scenario (2007) - Lden



Airports	Number of people affected						
	LA	A	HA	55-60	60-65	65-70	>=70
ABZ	5007	2902	1221	7834	967	156	0
AGP	5603	3255	1380	8536	1454	0	0
ALC	5497	3255	1436	5262	4160	0	0
AMS	35424	20658	8822	48627	13261	748	0
ARN	291	168	70	396	132	0	0
ATH	225497	130446	54671	353248	46816	4256	0
BCN	23181	13675	5989	27062	12631	466	0
BHD	4740	2743	1151	7235	1264	0	0
BHX	57942	34847	15880	62915	25350	9425	0
BMA	36761	22038	9982	38639	19544	3839	0
BRU	63579	38364	17584	67850	27869	8546	2732
CDG	96805	56594	24293	131529	34415	5223	0
CGN	38465	22545	9733	51698	15112	600	0
CPH	27587	16393	7266	40135	3839	2094	2094
DUB	7685	4472	1902	10156	3485	0	0
DUS	38882	23084	10239	44819	19752	1702	726
EDI	14708	8699	3832	16293	8661	384	0
EMA	13558	8104	3648	14530	7605	780	0
FCO	22196	13212	5891	27020	8190	2590	280
FRA	83905	50182	22623	85463	53589	2922	0
GLA	18646	10888	4660	25405	7274	252	0
GOT	74	43	18	99	33	0	0
HAJ	23000	13617	6008	26912	12001	607	0
HAM	97687	59211	27397	96152	50750	13000	2500
HEL	11327	6477	2647	19116	1412	245	35
LCY	2462	1413	580	4045	440	0	0
LGW	10314	5975	2512	14938	3424	150	0
LHR	356856	218756	103253	363712	142013	55896	27522
LIS	86172	51387	23020	95585	44379	6411	286
LPA	3944	2318	1005	5363	1409	100	0
LTN	14867	8631	3646	22198	3383	995	199
LUX	17634	10335	4462	22657	8010	178	0
LYS	1724	972	385	2984	258	0	0
MAD	53349	30913	13005	81567	10061	4336	0
MAN	55265	33645	15705	51891	28342	10080	1008
MLH	2106	1229	523	3142	519	0	101
MRS	6689	3997	1798	7130	3598	624	0
MUC	6019	3458	1425	8771	2207	0	0
MXP	17016	10214	4638	17378	10078	987	0
NAP	38423	23058	10465	39709	20435	4564	0
NCE	18886	10764	4358	31425	3437	0	0
ORY	110420	67276	31422	109938	51682	16718	4428
PMI	18888	12090	6178	5915	15003	5915	1690
STN	7888	4714	2117	9892	2114	1369	164
STR	24282	14335	6285	30433	10289	1432	0
TFS	1758	1056	477	2100	500	400	0
THF	52194	30975	13737	60726	26873	2094	0
TLS	10395	6061	2587	14229	3996	174	0
TXL	205699	123995	56758	215682	101908	24081	3490
VCE	223	127	52	408	0	0	0
VIE	5725	3289	1356	9626	729	55	0
All	2087245	1246855	560092	2448375	874653	194394	47255

Number of people affected: Probable scenario (2015) - Lden



Number of people affected							
Airports	LA	A	HA	45-50	50-55	55-60	>60
ABZ	N/A	N/A	N/A	5008	650	156	0
AGP	N/A	N/A	N/A	8916	1454	627	0
ALC	N/A	N/A	N/A	5262	4160	0	0
AMS	N/A	N/A	N/A	60978	12823	1496	0
ARN	N/A	N/A	N/A	495	165	0	0
ATH	N/A	N/A	N/A	336224	95760	1064	0
BCN	N/A	N/A	N/A	47543	16478	3939	0
BHD	N/A	N/A	N/A	5772	812	0	0
BHX	N/A	N/A	N/A	81765	28925	13325	650
BMA	N/A	N/A	N/A	43225	27571	7678	698
BRU	N/A	N/A	N/A	87130	41254	15822	3896
CDG	N/A	N/A	N/A	192342	46508	5644	1996
CGN	N/A	N/A	N/A	73554	31256	3472	328
CPH	N/A	N/A	N/A	46766	7678	1745	2792
DUB	N/A	N/A	N/A	471	125	0	0
DUS	N/A	N/A	N/A	62968	26269	7054	924
EDI	N/A	N/A	N/A	17555	9958	576	0
EMA	N/A	N/A	N/A	13924	13899	2535	195
FCO	N/A	N/A	N/A	24990	7840	3500	560
FRA	N/A	N/A	N/A	90044	60077	21536	636
GLA	N/A	N/A	N/A	29120	8802	424	0
GOT	N/A	N/A	N/A	198	33	0	0
HAJ	N/A	N/A	N/A	29200	24743	25379	4561
HAM	N/A	N/A	N/A	114842	61864	19250	2750
HEL	N/A	N/A	N/A	36213	4657	560	70
LCY	N/A	N/A	N/A	1980	0	0	0
LGW	N/A	N/A	N/A	20632	4844	306	0
LHR	N/A	N/A	N/A	254985	189857	67657	35333
LIS	N/A	N/A	N/A	118157	58132	12822	572
LPA	N/A	N/A	N/A	7990	1818	400	0
LTN	N/A	N/A	N/A	28355	4179	1592	398
LUX	N/A	N/A	N/A	22126	8010	178	0
LYS	N/A	N/A	N/A	4622	344	0	0
MAD	N/A	N/A	N/A	115021	23591	5659	0
MAN	N/A	N/A	N/A	57321	36300	14280	2688
MLH	N/A	N/A	N/A	5780	645	209	101
MRS	N/A	N/A	N/A	9867	2708	253	0
MUC	N/A	N/A	N/A	10145	2281	155	0
MXP	N/A	N/A	N/A	7147	4877	1410	0
NAP	N/A	N/A	N/A	94244	27896	8176	0
NCE	N/A	N/A	N/A	32914	5401	0	0
ORY	N/A	N/A	N/A	108441	54340	18636	5859
PMI	N/A	N/A	N/A	7605	13313	7605	2535
STN	N/A	N/A	N/A	14277	2114	1585	164
STR	N/A	N/A	N/A	41069	16238	3322	446
TFS	N/A	N/A	N/A	3000	600	400	100
THF	N/A	N/A	N/A	69451	33155	8725	0
TLS	N/A	N/A	N/A	17781	7020	474	0
TXL	N/A	N/A	N/A	264193	125291	40833	5584
VCE	N/A	N/A	N/A	612	204	0	0
VIE	N/A	N/A	N/A	15110	3232	55	0
All	N/A	N/A	N/A	2747330	1160151	330514	73836

Number of people affected: Probable scenario (2007) - Lnight



Airports	Number of people affected						
	LA	A	HA	45-50	50-55	55-60	>60
ABZ	N/A	N/A	N/A	6175	767	208	0
AGP	N/A	N/A	N/A	7770	2708	627	0
ALC	N/A	N/A	N/A	3658	5408	416	0
AMS	N/A	N/A	N/A	85504	19221	2526	0
ARN	N/A	N/A	N/A	594	198	33	0
ATH	N/A	N/A	N/A	368144	160664	5320	0
BCN	N/A	N/A	N/A	53290	17825	7094	0
BHD	N/A	N/A	N/A	8786	1965	0	0
BHX	N/A	N/A	N/A	98990	35750	17225	1950
BMA	N/A	N/A	N/A	50652	32108	10819	1396
BRU	N/A	N/A	N/A	97716	49528	18865	5254
CDG	N/A	N/A	N/A	209219	67191	10003	3690
CGN	N/A	N/A	N/A	104997	40068	6120	328
CPH	N/A	N/A	N/A	50954	15705	1745	3141
DUB	N/A	N/A	N/A	1255	291	0	0
DUS	N/A	N/A	N/A	76175	30043	7603	1056
EDI	N/A	N/A	N/A	26683	11962	1804	0
EMA	N/A	N/A	N/A	14691	15499	3234	585
FCO	N/A	N/A	N/A	27230	7210	5740	560
FRA	N/A	N/A	N/A	99880	64358	34596	1060
GLA	N/A	N/A	N/A	35359	11931	1257	0
GOT	N/A	N/A	N/A	231	99	0	0
HAJ	N/A	N/A	N/A	31598	25796	25084	5775
HAM	N/A	N/A	N/A	128413	78706	26750	5750
HEL	N/A	N/A	N/A	36955	8042	808	140
LCY	N/A	N/A	N/A	2860	440	0	0
LGW	N/A	N/A	N/A	35018	6730	1072	0
LHR	N/A	N/A	N/A	241197	233257	76531	44973
LIS	N/A	N/A	N/A	130480	65377	17636	858
LPA	N/A	N/A	N/A	9199	3945	500	0
LTN	N/A	N/A	N/A	38362	5373	2189	597
LUX	N/A	N/A	N/A	24569	11154	534	0
LYS	N/A	N/A	N/A	5592	387	86	0
MAD	N/A	N/A	N/A	137064	30264	7716	0
MAN	N/A	N/A	N/A	59046	38369	20328	4200
MLH	N/A	N/A	N/A	6753	1097	317	101
MRS	N/A	N/A	N/A	10968	3944	357	0
MUC	N/A	N/A	N/A	12809	3040	155	0
MXP	N/A	N/A	N/A	8518	5801	1692	141
NAP	N/A	N/A	N/A	122046	30598	11256	0
NCE	N/A	N/A	N/A	50165	8347	0	0
ORY	N/A	N/A	N/A	113426	66192	21880	7616
PMI	N/A	N/A	N/A	5915	10778	10985	4225
STN	N/A	N/A	N/A	19564	4517	1654	328
STR	N/A	N/A	N/A	49676	19428	6010	669
TFS	N/A	N/A	N/A	3600	1000	400	200
THF	N/A	N/A	N/A	84458	40135	14658	349
TLS	N/A	N/A	N/A	18921	9249	768	0
TXL	N/A	N/A	N/A	306771	169614	54793	12913
VCE	N/A	N/A	N/A	714	204	0	0
VIE	N/A	N/A	N/A	18149	4919	165	0
All	N/A	N/A	N/A	3140759	1477202	439559	107855

Number of people affected: Probable scenario (2015) - Lnight



Annex II-6

Noise Exposure Conservative scenario (2007-2015) - L_{den} and L_{night} -



Number of people affected							
Airports	LA	A	HA	55-60	60-65	65-70	>=70
ABZ	3118	1788	734	5214	468	0	0
AGP	3224	1861	776	5182	627	0	0
ALC	4240	2467	1048	7072	416	0	0
AMS	31386	18409	7958	43154	9626	2349	0
ARN	131	76	32	198	33	0	0
ATH	141301	80734	32867	238336	20216	1064	0
BCN	19038	11131	4780	24652	8629	233	0
BHD	2225	1275	523	3497	563	0	0
BHX	42523	25406	11425	47965	19825	4550	0
BMA	27610	16361	7232	32806	13262	1396	0
BRU	51111	30785	14061	57344	21084	5806	1932
CDG	62623	36540	15616	88072	18105	4900	0
CGN	25528	14811	6249	38116	7104	328	0
CPH	18890	11222	4973	27571	1745	2094	1745
DUB	4734	2725	1129	7150	1414	0	0
DUS	25773	15345	6851	27179	15776	528	528
EDI	9848	5772	2492	13544	3655	0	0
EMA	10530	6217	2726	13361	4236	585	0
FCO	19003	11226	4930	22960	8960	1050	0
FRA	64788	38310	16865	70971	39192	1484	0
GLA	11762	6828	2883	16810	4152	0	0
GOT	53	31	13	99	0	0	0
HAJ	37974	23847	11800	18733	28131	12157	0
HAM	73758	44055	19794	84206	33500	6750	1250
HEL	5615	3204	1303	9110	1059	210	0
LCY	1526	863	342	2640	220	0	0
LGW	5874	3402	1429	8692	1844	0	0
LHR	283972	173168	80952	303846	101498	46232	21076
LIS	66037	39097	17252	77086	34039	2574	0
LPA	2484	1440	604	3845	600	0	0
LTN	6144	3633	1598	7706	2388	597	0
LUX	12215	7065	2959	18332	3560	0	0
LYS	631	356	141	1100	86	0	0
MAD	34956	20190	8434	52440	10283	441	0
MAN	40897	24762	11438	37342	24669	5208	672
MLH	1182	691	298	1688	310	101	0
MRS	4992	2950	1294	6294	2125	208	0
MUC	3229	1869	786	4739	1044	0	0
MXP	15429	9169	4077	18027	7372	846	0
NAP	30651	18177	8049	35184	17416	0	0
NCE	7380	4222	1723	12046	1473	0	0
ORY	94018	56923	26267	96751	45054	12187	3198
PMI	16522	10309	5040	9933	11830	4225	0
STN	4309	2583	1168	5253	1313	613	164
STR	15810	9270	4007	20788	6010	939	0
TFS	1014	614	284	1100	400	200	0
THF	34628	20356	8847	43276	16403	698	0
TLS	6861	3966	1660	10311	1854	174	0
TXL	144711	86191	38506	167520	63169	16752	0
VCE	115	66	28	204	0	0	0
VIE	3438	1957	789	5912	441	0	0
All	1535811	913715	407032	1855357	617179	137479	30565

Number of people affected: Conservative scenario (2007) - Lden



Number of people affected							
Airport	LA	A	HA	55-60	60-65	65-70	>=70
ABZ	3208	1849	766	5331	468	0	0
AGP	3978	2287	946	5988	1254	0	0
ALC	4278	2499	1071	7072	416	0	0
AMS	37399	21989	9556	49909	13086	2112	316
ARN	136	80	36	165	66	0	0
ATH	154884	88559	36115	258552	24472	1064	0
BCN	20991	12292	5297	26869	9783	233	0
BHD	3285	1886	777	5209	766	0	0
BHX	43593	26028	11688	49590	20150	4550	0
BMA	28356	16849	7493	32806	13960	1745	0
BRU	55896	33730	15461	60681	24167	6595	2532
CDG	75605	44089	18816	106164	22996	5142	0
CGN	27396	15899	6716	41085	7432	328	0
CPH	23664	14037	6199	34900	2443	2094	2094
DUB	5097	2954	1246	7063	2043	0	0
DUS	27144	16059	7074	31226	14651	660	396
EDI	10428	6135	2671	13213	4883	0	0
EMA	10560	6212	2705	13361	4404	585	0
FCO	19246	11425	5066	23030	8260	1890	0
FRA	70791	42097	18756	73617	45298	1908	0
GLA	12531	7270	3067	18152	4215	0	0
GOT	54	32	13	99	0	0	0
HAJ	36615	22728	11015	20786	29501	7752	0
HAM	77777	46664	21158	84206	37750	8250	1250
HEL	5647	3220	1306	9183	1059	210	0
LCY	1531	867	345	2640	220	0	0
LGW	7368	4303	1843	10633	2211	150	0
LHR	308611	188340	88174	327135	115019	47603	23309
LIS	64691	38255	16838	77388	32474	1716	0
LPA	2869	1661	696	4454	600	100	0
LTN	7612	4480	1950	9979	2786	597	0
LUX	12579	7294	3074	18688	3738	0	0
LYS	736	414	163	1309	86	0	0
MAD	38354	22219	9345	57391	9034	2572	0
MAN	42396	25686	11878	38469	25308	5712	840
MLH	1187	696	301	1652	346	101	0
MRS	5067	2999	1321	6086	2437	208	0
MUC	4197	2430	1021	5813	1726	0	0
MXP	16041	9557	4272	18695	7499	987	0
NAP	28508	16969	7573	31418	17150	0	0
NCE	9149	5210	2104	15434	1473	0	0
ORY	100563	60997	28246	102552	48410	13248	3444
PMI	17134	10717	5264	9088	13520	4225	0
STN	5445	3252	1462	6693	1655	829	164
STR	16976	9965	4312	22527	6280	939	0
TFS	1228	733	330	1400	500	200	0
THF	37541	22112	9650	45719	18497	1047	0
TLS	6874	3976	1668	10251	1914	174	0
TXL	159540	95230	42734	182876	70847	17450	698
VCE	113	64	27	204	0	0	0
VIE	3544	2018	815	6104	441	0	0
All	1658413	987313	440420	1992855	677694	142976	35043

Number of people affected: Conservative scenario (2015) - Lden



Number of people affected							
Airports	LA	A	HA	45-50	50-55	55-60	>60
ABZ	N/A	N/A	N/A	4405	494	156	0
AGP	N/A	N/A	N/A	8563	1454	0	0
ALC	N/A	N/A	N/A	5142	4160	0	0
AMS	N/A	N/A	N/A	63724	15164	2702	1422
ARN	N/A	N/A	N/A	429	165	0	0
ATH	N/A	N/A	N/A	310688	76608	0	0
BCN	N/A	N/A	N/A	47003	14983	3399	0
BHD	N/A	N/A	N/A	4849	766	0	0
BHX	N/A	N/A	N/A	71690	26000	11050	325
BMA	N/A	N/A	N/A	41331	24430	6282	349
BRU	N/A	N/A	N/A	83781	40562	14630	3896
CDG	N/A	N/A	N/A	182819	44943	5911	726
CGN	N/A	N/A	N/A	64608	25932	3636	164
CPH	N/A	N/A	N/A	44672	7329	2094	2443
DUB	N/A	N/A	N/A	512	70	0	0
DUS	N/A	N/A	N/A	55110	25762	4562	924
EDI	N/A	N/A	N/A	15349	8469	384	0
EMA	N/A	N/A	N/A	13843	13395	1950	0
FCO	N/A	N/A	N/A	22470	7770	3220	560
FRA	N/A	N/A	N/A	86695	56770	18016	212
GLA	N/A	N/A	N/A	26604	7319	189	0
GOT	N/A	N/A	N/A	198	33	0	0
HAJ	N/A	N/A	N/A	30035	26524	20300	3347
HAM	N/A	N/A	N/A	107834	55250	17250	2250
HEL	N/A	N/A	N/A	33371	3516	525	70
LCY	N/A	N/A	N/A	1100	0	0	0
LGW	N/A	N/A	N/A	17845	4327	150	0
LHR	N/A	N/A	N/A	263752	174987	62240	33019
LIS	N/A	N/A	N/A	110499	53416	8834	572
LPA	N/A	N/A	N/A	7690	1918	300	0
LTN	N/A	N/A	N/A	25503	3980	1194	199
LUX	N/A	N/A	N/A	21756	5162	0	0
LYS	N/A	N/A	N/A	3531	301	0	0
MAD	N/A	N/A	N/A	106582	22495	4777	0
MAN	N/A	N/A	N/A	53630	33425	13104	1512
MLH	N/A	N/A	N/A	5023	573	36	101
MRS	N/A	N/A	N/A	9718	1830	253	0
MUC	N/A	N/A	N/A	9578	2285	0	0
MXP	N/A	N/A	N/A	6974	4792	1269	0
NAP	N/A	N/A	N/A	66158	25204	7378	0
NCE	N/A	N/A	N/A	25336	4419	0	0
ORY	N/A	N/A	N/A	103940	51905	17751	5613
PMI	N/A	N/A	N/A	6760	13313	8450	1690
STN	N/A	N/A	N/A	10683	1997	1369	164
STR	N/A	N/A	N/A	38282	13391	3275	223
TFS	N/A	N/A	N/A	2600	500	400	0
THF	N/A	N/A	N/A	68055	29316	7329	0
TLS	N/A	N/A	N/A	17289	5898	174	0
TXL	N/A	N/A	N/A	246394	112727	34202	4188
VCE	N/A	N/A	N/A	612	204	0	0
VIE	N/A	N/A	N/A	12601	2272	0	0
All	N/A	N/A	N/A	2567616	1058505	288741	63969

Number of people affected: Conservative scenario (2007) - Lnight



Number of people affected							
Airport	LA	A	HA	45-50	50-55	55-60	>60
ABZ	N/A	N/A	N/A	4418	650	156	0
AGP	N/A	N/A	N/A	8110	2081	0	0
ALC	N/A	N/A	N/A	5262	4160	0	0
AMS	N/A	N/A	N/A	84111	16789	3005	1738
ARN	N/A	N/A	N/A	462	198	0	0
ATH	N/A	N/A	N/A	308560	92568	0	0
BCN	N/A	N/A	N/A	48498	15790	5548	0
BHD	N/A	N/A	N/A	6155	1061	0	0
BHX	N/A	N/A	N/A	72015	26975	12025	325
BMA	N/A	N/A	N/A	40716	25826	6980	698
BRU	N/A	N/A	N/A	92536	43067	16617	4029
CDG	N/A	N/A	N/A	197960	48394	6190	1996
CGN	N/A	N/A	N/A	73557	28680	3472	328
CPH	N/A	N/A	N/A	49558	10819	2094	2792
DUB	N/A	N/A	N/A	471	125	0	0
DUS	N/A	N/A	N/A	57785	24582	4219	924
EDI	N/A	N/A	N/A	17234	9958	576	0
EMA	N/A	N/A	N/A	14179	13785	1560	0
FCO	N/A	N/A	N/A	22330	7070	5040	560
FRA	N/A	N/A	N/A	84655	63166	24858	636
GLA	N/A	N/A	N/A	27438	7807	252	0
GOT	N/A	N/A	N/A	198	33	0	0
HAJ	N/A	N/A	N/A	26688	28885	18707	2133
HAM	N/A	N/A	N/A	111332	62250	18250	2750
HEL	N/A	N/A	N/A	33905	2804	455	70
LCY	N/A	N/A	N/A	1540	0	0	0
LGW	N/A	N/A	N/A	26978	5562	1072	0
LHR	N/A	N/A	N/A	252413	193623	68055	35532
LIS	N/A	N/A	N/A	108472	52725	8262	572
LPA	N/A	N/A	N/A	7890	1818	400	0
LTN	N/A	N/A	N/A	28550	3980	1393	398
LUX	N/A	N/A	N/A	21797	6764	0	0
LYS	N/A	N/A	N/A	3703	301	0	0
MAD	N/A	N/A	N/A	111173	25239	6100	0
MAN	N/A	N/A	N/A	53935	34851	14112	1680
MLH	N/A	N/A	N/A	5273	537	72	101
MRS	N/A	N/A	N/A	8869	1830	253	0
MUC	N/A	N/A	N/A	11421	2513	155	0
MXP	N/A	N/A	N/A	7790	4852	1551	141
NAP	N/A	N/A	N/A	55420	24406	7378	0
NCE	N/A	N/A	N/A	29395	4419	0	0
ORY	N/A	N/A	N/A	109070	57898	19016	6072
PMI	N/A	N/A	N/A	7605	13313	7605	2535
STN	N/A	N/A	N/A	14891	2475	1529	328
STR	N/A	N/A	N/A	41417	14248	3545	223
TFS	N/A	N/A	N/A	2900	600	400	100
THF	N/A	N/A	N/A	66659	31759	8725	0
TLS	N/A	N/A	N/A	17643	5898	174	0
TXL	N/A	N/A	N/A	263844	127734	40135	5584
VCE	N/A	N/A	N/A	612	102	0	0
VIE	N/A	N/A	N/A	13528	2176	55	0
All	N/A	N/A	N/A	2660921	1157146	319991	72245

Number of people affected: Conservative scenario (2015) - Lnight



Annex II-7

Noise Exposure Differentiated scenario (2007-2015) - L_{den} and L_{night} -



Airports	Number of people affected						
	LA	A	HA	55-60	60-65	65-70	>=70
ABZ	3634	2096	872	6083	468	0	0
AGP	4086	2362	990	6095	1254	0	0
ALC	4380	2591	1143	4992	2496	0	0
AMS	33852	19880	8618	45771	11142	2349	79
ARN	133	78	34	198	33	0	0
ATH	183144	105192	43363	295792	35112	2128	0
BCN	21118	12336	5286	26795	10249	233	0
BHD	2563	1473	608	3903	743	0	0
BHX	49012	29303	13196	55115	21450	6825	0
BMA	27880	16543	7335	32108	14309	1396	0
BRU	53879	32484	14867	59644	22410	6132	2532
CDG	71049	41442	17693	99060	21976	5142	0
CGN	29600	17211	7302	42973	9160	464	0
CPH	20429	12119	5353	30014	2094	2094	1745
DUB	6326	3658	1534	9009	2337	0	0
DUS	30115	17911	7979	32972	16578	1425	660
EDI	11269	6630	2887	13603	5966	0	0
EMA	12543	7418	3268	15398	5433	780	0
FCO	20373	12035	5283	25200	9100	1050	0
FRA	68698	40728	18029	73725	42456	1696	0
GLA	14037	8170	3475	19521	5320	63	0
GOT	54	32	13	99	0	0	0
HAJ	40117	25348	12676	20573	27157	13527	607
HAM	79902	47987	21802	86570	38000	8750	1500
HEL	9016	5130	2069	15375	1164	175	35
LCY	1768	1002	400	2860	440	0	0
LGW	6361	3692	1559	9513	1694	150	0
LHR	307126	187459	87779	325686	113906	47802	23110
LIS	78434	46495	20571	90145	39751	4997	0
LPA	3246	1874	781	5163	600	100	0
LTN	8145	4781	2069	10990	2786	597	0
LUX	13899	8066	3404	20482	4272	0	0
LYS	765	433	172	1309	129	0	0
MAD	41117	23765	9942	63077	9034	2131	0
MAN	45715	27756	12888	41253	26352	7224	840
MLH	1469	857	365	2140	382	0	101
MRS	5484	3255	1443	6265	2928	208	0
MUC	3454	1999	839	5032	1161	0	0
MXP	15885	9486	4261	17208	8721	846	0
NAP	34982	20848	9328	37283	21980	266	0
NCE	10281	5856	2366	17038	1964	0	0
ORY	97448	59048	27291	99493	47176	12859	3198
PMI	17307	10900	5420	9088	11830	5070	845
STN	5321	3175	1425	6496	1655	829	164
STR	17758	10453	4554	23067	6917	939	0
TFS	1285	767	346	1500	400	300	0
THF	37701	22196	9677	45719	19195	698	0
TLS	8008	4651	1971	11622	2454	174	0
TXL	160551	95969	43192	180782	73290	17799	1047
VCE	169	96	39	306	0	0	0
VIE	4008	2296	939	6824	489	0	0
All	1724896	1027332	458696	2060929	705913	157218	36463

Number of people affected: Differentiated scenario (2007) - Lden



Airports	Number of people affected						
	LA	A	HA	55-60	60-65	65-70	>=70
ABZ	5847	3369	1399	9182	1194	208	0
AGP	6133	3553	1495	9543	1454	0	0
ALC	5585	3331	1493	5262	4160	0	0
AMS	48870	28704	12444	64412	18226	2386	790
ARN	224	131	57	264	132	0	0
ATH	256511	150747	65456	341544	98952	5320	0
BCN	24750	14603	6397	28716	13711	466	0
BHD	4315	2496	1047	6718	1015	0	0
BHX	60076	36144	16483	65190	25025	10725	325
BMA	30214	17968	8005	34900	15007	1745	0
BRU	66022	39840	18260	70253	28827	9342	2732
CDG	95978	56101	24071	130308	34276	5223	0
CGN	40508	23714	10214	54835	15612	736	0
CPH	28538	16939	7491	41880	3839	1745	2443
DUB	11533	6716	2864	15994	4477	0	0
DUS	40046	23790	10567	46096	20191	1919	726
EDI	15316	9077	4014	16362	9067	891	0
EMA	13750	8244	3733	13696	8634	780	0
FCO	25547	15182	6750	31990	8820	2660	560
FRA	86529	51757	23340	87795	54443	4226	0
GLA	19273	11275	4847	25881	7716	315	0
GOT	57	33	14	66	33	0	0
HAJ	43377	27320	13583	25014	26907	14357	1214
HAM	100271	60808	28161	98620	51750	13500	2750
HEL	14879	8502	3465	25072	1946	315	35
LCY	2046	1171	479	3300	440	0	0
LGW	10753	6231	2621	15725	3424	150	0
LHR	364584	223664	105721	369995	144660	57956	28517
LIS	99821	59586	26746	108975	52285	8111	572
LPA	4748	2772	1186	6172	2118	100	0
LTN	15449	8979	3803	22811	3582	1194	199
LUX	17836	10485	4556	22123	8722	178	0
LYS	1719	968	382	2984	258	0	0
MAD	55950	32500	13747	84886	10869	4336	0
MAN	56599	34506	16150	52615	28924	10752	1008
MLH	2106	1229	523	3142	519	0	101
MRS	6683	3992	1793	7130	3598	624	0
MUC	6089	3506	1453	8821	2246	0	0
MXP	17584	10647	4920	14604	13328	987	0
NAP	43313	25966	11759	45962	22185	5096	0
NCE	18886	10764	4358	31425	3437	0	0
ORY	110367	67226	31382	110249	51371	16718	4428
PMI	19435	12454	6374	6760	15003	5915	1690
STN	8665	5159	2298	11328	2114	1369	164
STR	24771	14638	6433	30687	10782	1432	0
TFS	1874	1123	508	2300	500	400	0
THF	46423	27448	12078	55491	22685	2094	0
TLS	10395	6061	2587	14229	3996	174	0
TXL	211169	127313	58296	220568	104351	25826	3490
VCE	227	131	55	306	102	0	0
VIE	6316	3634	1501	10568	825	55	0
All	2207957	1322497	597359	2512749	967738	220326	51744

Number of people affected: Differentiated scenario (2015) - Lden



Airports	Number of people affected						
	LA	A	HA	45-50	50-55	55-60	>60
ABZ	N/A	N/A	N/A	5235	650	156	0
AGP	N/A	N/A	N/A	8943	1454	627	0
ALC	N/A	N/A	N/A	5262	3744	416	0
AMS	N/A	N/A	N/A	70361	15941	2839	1659
ARN	N/A	N/A	N/A	462	165	0	0
ATH	N/A	N/A	N/A	359632	103208	4256	0
BCN	N/A	N/A	N/A	49578	16785	3939	0
BHD	N/A	N/A	N/A	5232	812	0	0
BHX	N/A	N/A	N/A	81765	30225	13325	650
BMA	N/A	N/A	N/A	40982	25128	6282	698
BRU	N/A	N/A	N/A	86467	41419	16320	3896
CDG	N/A	N/A	N/A	191372	46216	6128	1512
CGN	N/A	N/A	N/A	73554	31256	3472	328
CPH	N/A	N/A	N/A	46766	7678	1745	2792
DUB	N/A	N/A	N/A	792	139	0	0
DUS	N/A	N/A	N/A	62968	26269	7054	924
EDI	N/A	N/A	N/A	17939	9643	1083	0
EMA	N/A	N/A	N/A	13561	14067	2535	390
FCO	N/A	N/A	N/A	26250	7840	3500	560
FRA	N/A	N/A	N/A	90044	60077	21536	636
GLA	N/A	N/A	N/A	29037	9373	424	0
GOT	N/A	N/A	N/A	198	33	0	0
HAJ	N/A	N/A	N/A	29200	24743	25379	4561
HAM	N/A	N/A	N/A	114842	61864	19250	2750
HEL	N/A	N/A	N/A	37424	5048	595	70
LCY	N/A	N/A	N/A	1320	0	0	0
LGW	N/A	N/A	N/A	20792	4844	306	0
LHR	N/A	N/A	N/A	254143	192370	68362	35731
LIS	N/A	N/A	N/A	119277	57004	14236	858
LPA	N/A	N/A	N/A	7990	1818	400	0
LTN	N/A	N/A	N/A	29599	4378	1592	398
LUX	N/A	N/A	N/A	22126	8188	178	0
LYS	N/A	N/A	N/A	4622	344	0	0
MAD	N/A	N/A	N/A	116786	26047	5659	0
MAN	N/A	N/A	N/A	57580	35997	15120	2688
MLH	N/A	N/A	N/A	5780	645	209	101
MRS	N/A	N/A	N/A	9867	2708	253	0
MUC	N/A	N/A	N/A	10145	2281	155	0
MXP	N/A	N/A	N/A	7525	4877	1410	0
NAP	N/A	N/A	N/A	98928	29380	8442	0
NCE	N/A	N/A	N/A	32603	5401	0	0
ORY	N/A	N/A	N/A	108195	54340	18636	5859
PMI	N/A	N/A	N/A	7605	12468	8450	2535
STN	N/A	N/A	N/A	14447	2114	1421	328
STR	N/A	N/A	N/A	41069	16238	3322	446
TFS	N/A	N/A	N/A	3100	600	400	100
THF	N/A	N/A	N/A	68753	31410	8027	0
TLS	N/A	N/A	N/A	17781	6900	474	0
TXL	N/A	N/A	N/A	264193	125291	40833	5584
VCE	N/A	N/A	N/A	612	204	0	0
VIE	N/A	N/A	N/A	15062	3328	55	0
All	N/A	N/A	N/A	2787766	1172952	338801	76054

Number of people affected: Differentiated scenario (2007) - Lnight



Number of people affected							
Airports	LA	A	HA	45-50	50-55	55-60	>60
ABZ	N/A	N/A	N/A	6188	819	208	0
AGP	N/A	N/A	N/A	7770	2708	627	0
ALC	N/A	N/A	N/A	3658	5408	416	0
AMS	N/A	N/A	N/A	98556	22318	4243	2054
ARN	N/A	N/A	N/A	528	198	33	0
ATH	N/A	N/A	N/A	381976	214928	13832	0
BCN	N/A	N/A	N/A	52272	20889	7941	0
BHD	N/A	N/A	N/A	7886	1716	0	0
BHX	N/A	N/A	N/A	104190	38025	16575	2925
BMA	N/A	N/A	N/A	43491	26873	7678	698
BRU	N/A	N/A	N/A	95830	52797	18797	6050
CDG	N/A	N/A	N/A	208742	66588	9833	3690
CGN	N/A	N/A	N/A	110268	40472	6632	328
CPH	N/A	N/A	N/A	50256	16752	1745	3141
DUB	N/A	N/A	N/A	2833	388	14	0
DUS	N/A	N/A	N/A	75774	31410	8067	1056
EDI	N/A	N/A	N/A	28156	12346	1804	0
EMA	N/A	N/A	N/A	14059	16131	3234	585
FCO	N/A	N/A	N/A	31640	7420	6160	770
FRA	N/A	N/A	N/A	101605	64818	35986	1272
GLA	N/A	N/A	N/A	35764	12783	1320	0
GOT	N/A	N/A	N/A	132	99	0	0
HAJ	N/A	N/A	N/A	32227	25546	25535	5931
HAM	N/A	N/A	N/A	127682	81206	27250	5750
HEL	N/A	N/A	N/A	38023	10957	951	210
LCY	N/A	N/A	N/A	2860	220	0	0
LGW	N/A	N/A	N/A	37741	6730	1072	0
LHR	N/A	N/A	N/A	238249	239297	79221	46410
LIS	N/A	N/A	N/A	141231	71900	21155	1430
LPA	N/A	N/A	N/A	9299	3845	600	0
LTN	N/A	N/A	N/A	40786	6004	2189	597
LUX	N/A	N/A	N/A	24641	11658	534	0
LYS	N/A	N/A	N/A	5592	387	86	0
MAD	N/A	N/A	N/A	141641	34917	8157	0
MAN	N/A	N/A	N/A	60633	38241	21168	4368
MLH	N/A	N/A	N/A	6753	1097	317	101
MRS	N/A	N/A	N/A	10968	3944	357	0
MUC	N/A	N/A	N/A	13076	3040	155	0
MXP	N/A	N/A	N/A	9012	5654	1899	705
NAP	N/A	N/A	N/A	165114	29319	15554	0
NCE	N/A	N/A	N/A	50165	8347	0	0
ORY	N/A	N/A	N/A	113180	66192	21880	7616
PMI	N/A	N/A	N/A	6760	10778	10985	4225
STN	N/A	N/A	N/A	20494	4939	1546	436
STR	N/A	N/A	N/A	50372	20120	6280	669
TFS	N/A	N/A	N/A	3700	1100	400	200
THF	N/A	N/A	N/A	77478	38041	11517	349
TLS	N/A	N/A	N/A	18921	9249	768	0
TXL	N/A	N/A	N/A	312704	173802	55491	15007
VCE	N/A	N/A	N/A	816	204	0	0
VIE	N/A	N/A	N/A	18933	5008	268	0
All	N/A	N/A	N/A	3240625	1567628	460480	116573

Number of people affected: Differentiated scenario (2015) - Lnight



Annex II-8

Results for Further Action scenarios (2007-2015) - L_{den}



Airports	Number of people affected						
	LA	A	HA	55-60	60-65	65-70	>70
ABZ	3661	2111	878	6135	468	0	0
AGP	3141	1807	748	5075	627	0	0
ALC	4155	2395	995	7072	416	0	0
AMS	23518	13588	5676	36191	6083	0	0
ARN	134	79	35	165	66	0	0
ATH	142526	81290	32953	241528	20216	1064	0
BCN	12878	7559	3275	16211	6236	0	0
BHD	2956	1695	696	4646	743	0	0
BHX	5903	3414	1431	8315	2275	0	0
BMA	30660	18245	8138	35249	15356	1745	0
BRU	47933	28677	12921	56690	19496	4591	932
CDG	66337	38657	16475	93542	19548	4900	0
CGN	28062	16301	6899	41525	7952	464	0
CPH	13902	8341	3773	18846	1745	2094	1396
DUB	4278	2470	1034	6489	1189	0	0
DUS	25343	14952	6546	29477	13597	660	330
EDI	11287	6640	2891	13310	6281	0	0
EMA	12513	7442	3316	14073	6462	780	0
FCO	10894	6570	3012	9940	7420	840	0
FRA	65704	38967	17263	69634	41510	1484	0
GLA	14197	8251	3497	19813	5447	0	0
GOT	53	31	13	99	0	0	0
HAJ	29960	18136	8379	25734	20751	3035	0
HAM	76647	45910	20746	84456	36750	7500	1250
HEL	3719	2131	875	5944	668	210	0
LCY	1778	1010	406	2860	440	0	0
LGW	6368	3698	1563	9513	1844	0	0
LHR	296923	181191	84816	314131	109702	47890	21872
LIS	52951	31131	13531	67963	23009	1279	0
LPA	2388	1357	544	3945	500	0	0
LTN	9360	5491	2373	12383	3383	796	0
LUX	11418	6604	2766	17086	3382	0	0
LYS	847	476	187	1518	86	0	0
MAD	18427	10797	4660	23764	8672	0	0
MAN	43453	26344	12199	39733	25269	6216	840
MLH	1076	634	279	1395	382	0	101
MRS	5336	3173	1412	6265	2645	208	0
MUC	3338	1921	796	5088	966	0	0
MXP	13757	8027	3430	20014	3459	846	0
NAP	17640	10493	4675	16230	13804	0	0
NCE	10142	5763	2316	17349	1473	0	0
ORY	80642	48701	22355	84785	38857	8871	2952
PMI	16314	10099	4867	10778	11830	3380	0
STN	5568	3325	1492	6890	1655	829	164
STR	17296	10128	4360	22653	7093	669	0
TFS	1069	645	296	1200	400	200	0
THF	39746	23416	10224	48860	19544	698	0
TLS	7592	4411	1867	10893	2454	174	0
TXL	171439	102539	46205	191252	79921	18497	1396
VCE	110	62	25	204	0	0	0
VIE	3251	1849	744	5624	393	0	0
All	1478590	878944	390853	1792535	602465	119920	31233

Number of people affected: Probable scenario (2007) - Lden

Further action: All Chapter 4 fleet



Airports	Number of people affected						
	LA	A	HA	55-60	60-65	65-70	>70
ABZ	5660	3263	1356	9059	1019	156	0
AGP	4612	2687	1144	6923	1254	0	0
ALC	5414	3178	1377	6926	2496	0	0
AMS	34038	19828	8446	48245	11314	748	0
ARN	291	168	70	396	132	0	0
ATH	203564	117573	49097	320264	42560	3192	0
BCN	19255	11285	4872	23879	9698	233	0
BHD	4740	2743	1151	7235	1264	0	0
BHX	8142	4732	2006	11890	2600	0	0
BMA	36761	22038	9982	38639	19544	3839	0
BRU	59176	35547	16152	66734	25223	6338	1932
CDG	94263	55015	23521	132322	29756	5142	0
CGN	37414	21879	9399	52246	12980	600	0
CPH	23652	14031	6197	34900	2443	2094	2094
DUB	6914	4026	1716	8756	3485	0	0
DUS	35990	21269	9344	42574	17825	1425	660
EDI	15123	8947	3943	16661	8998	384	0
EMA	14741	8793	3943	15619	8634	780	0
FCO	15112	9093	4145	15400	7350	2450	280
FRA	79933	47901	21682	78578	53165	2922	0
GLA	19030	11115	4763	25989	7337	252	0
GOT	57	33	14	66	33	0	0
HAJ	35830	22018	10471	24134	26538	7145	0
HAM	96267	58256	26867	97298	48250	12500	2500
HEL	8174	4644	1866	13855	1164	210	0
LCY	2462	1413	580	4045	440	0	0
LGW	10573	6128	2580	15391	3424	150	0
LHR	352836	216272	102071	359274	140681	55407	27215
LIS	67059	39777	17621	78544	33790	2693	0
LPA	3628	2091	869	5872	600	100	0
LTN	17146	9921	4162	26108	3582	1194	199
LUX	15506	9035	3849	22275	5162	0	0
LYS	1657	935	371	2898	215	0	0
MAD	32168	18723	7960	45834	9401	2205	0
MAN	54200	32992	15396	50402	28411	9744	1008
MLH	1904	1107	469	2903	418	0	101
MRS	6545	3917	1768	6847	3598	624	0
MUC	5854	3362	1386	8508	2168	0	0
MXP	15880	9417	4170	20300	5909	987	0
NAP	23958	14335	6469	24489	14070	2016	0
NCE	18758	10683	4316	31736	2946	0	0
ORY	97813	59398	27563	99334	47229	12607	3690
PMI	18521	11715	5866	8243	13520	5915	845
STN	8746	5201	2313	11483	2114	1369	164
STR	24084	14175	6174	31005	9573	1432	0
TFS	1652	994	453	1900	500	400	0
THF	52194	30975	13737	60726	26873	2094	0
TLS	9693	5666	2433	12777	4116	174	0
TXL	215612	129930	59438	227199	105398	25826	3490
VCE	115	66	28	204	0	0	0
VIE	5382	3081	1259	9213	585	55	0
All	1928099	1151371	516825	2266098	809785	175402	44178

Number of people affected: Probable scenario (2015) - Lden

Further action: All Chapter 4 fleet



Airports	Number of people affected						
	LA	A	HA	55-60	60-65	65-70	>70
ABZ	3449	1991	830	5733	468	0	0
AGP	3975	2285	945	5988	1254	0	0
ALC	4287	2507	1078	6656	832	0	0
AMS	23722	13726	5755	36290	5867	374	0
ARN	134	79	35	165	66	0	0
ATH	141281	80552	32627	240464	19152	1064	0
BCN	17864	10465	4515	22742	8322	233	0
BHD	2956	1695	696	4646	743	0	0
BHX	5903	3414	1431	8315	2275	0	0
BMA	30660	18245	8138	35249	15356	1745	0
BRU	47968	28722	12965	56115	19825	4756	932
CDG	66265	38625	16467	93080	19840	4900	0
CGN	27331	15846	6676	40745	7760	328	0
CPH	18889	11223	4976	27222	2094	2094	1745
DUB	4589	2650	1109	6755	1483	0	0
DUS	24381	14399	6316	27716	13597	660	330
EDI	10356	6081	2637	13342	4691	0	0
EMA	11835	7005	3089	14134	5433	780	0
FCO	18579	10959	4798	22890	8400	1050	0
FRA	64952	38523	17066	68523	41320	1484	0
GLA	13196	7662	3240	18893	4623	0	0
GOT	54	32	13	99	0	0	0
HAJ	29884	18080	8343	26274	20144	3035	0
HAM	73005	43712	19737	81842	34000	6750	1250
HEL	8142	4626	1859	13811	1164	175	35
LCY	1778	1010	406	2860	440	0	0
LGW	6075	3517	1478	9053	1844	0	0
LHR	301476	183971	86114	319792	111725	47249	22513
LIS	54205	31882	13869	69782	23295	1279	0
LPA	2412	1379	561	3945	500	0	0
LTN	8354	4898	2114	11396	2786	597	0
LUX	11418	6604	2766	17086	3382	0	0
LYS	843	473	184	1518	86	0	0
MAD	28496	16444	6855	42612	9039	0	0
MAN	43666	26477	12264	39628	25710	6216	840
MLH	1320	774	334	1854	382	0	101
MRS	5415	3213	1424	6444	2645	208	0
MUC	3046	1754	726	4550	966	0	0
MXP	15218	9008	3973	19539	5700	846	0
NAP	33158	19647	8687	39360	17682	0	0
NCE	10011	5701	2301	16547	1964	0	0
ORY	93520	56615	26117	95704	45552	11935	3198
PMI	16774	10557	5243	8243	12675	5070	0
STN	5001	2991	1349	5905	1763	721	164
STR	16153	9445	4055	21794	6010	669	0
TFS	1228	733	330	1400	500	200	0
THF	39746	23416	10224	48860	19544	698	0
TLS	7945	4617	1956	11448	2514	174	0
TXL	156885	93704	42105	178339	69800	18148	698
VCE	115	66	28	204	0	0	0
VIE	3655	2083	842	6296	441	0	0
All	1521570	904083	401646	1861848	605654	123438	31806

Number of people affected: Probable scenario (2007) - Lden

Further action: Ch.3-5dB



Airports	Number of people affected						
	LA	A	HA	55-60	60-65	65-70	>70
ABZ	5007	2902	1221	7834	967	156	0
AGP	5553	3216	1352	8509	1454	0	0
ALC	5478	3239	1424	5262	4160	0	0
AMS	34494	20099	8565	48328	12007	748	0
ARN	291	168	70	396	132	0	0
ATH	201837	116418	48462	321328	39368	3192	0
BCN	22953	13477	5843	27909	11784	466	0
BHD	4740	2743	1151	7235	1264	0	0
BHX	8134	4726	2001	11890	2600	0	0
BMA	36761	22038	9982	38639	19544	3839	0
BRU	59230	35578	16167	66336	25686	6370	1932
CDG	93678	54683	23389	131230	29756	5142	0
CGN	36495	21332	9154	51014	12652	600	0
CPH	26402	15702	6974	38390	3490	2094	2094
DUB	7370	4289	1825	9596	3485	0	0
DUS	35637	21040	9226	42338	17561	1425	660
EDI	14363	8492	3738	15909	8469	384	0
EMA	14137	8408	3745	16729	6630	780	0
FCO	20824	12376	5502	25340	7700	2800	0
FRA	79409	47585	21537	77701	53377	2710	0
GLA	17842	10418	4460	24166	7085	252	0
GOT	74	43	18	99	33	0	0
HAJ	35695	21934	10431	23911	26538	7145	0
HAM	93710	56691	26130	95298	46750	11750	2500
HEL	10978	6256	2536	18687	1342	245	35
LCY	2462	1413	580	4045	440	0	0
LGW	9887	5734	2415	14305	3264	150	0
LHR	356035	218239	102999	363331	141315	55697	27522
LIS	68622	40694	18017	80153	34918	2693	0
LPA	3715	2150	901	5972	600	100	0
LTN	15077	8747	3691	22604	3383	995	199
LUX	15506	9035	3849	22275	5162	0	0
LYS	1650	929	367	2898	215	0	0
MAD	40256	23323	9810	60360	9475	2572	0
MAN	54235	33026	15423	50336	28309	9912	1008
MLH	2094	1218	516	3142	519	0	101
MRS	6529	3902	1757	6951	3494	624	0
MUC	5408	3113	1290	7662	2168	0	0
MXP	16694	9978	4490	18641	8506	987	0
NAP	35591	21286	9595	37754	18214	4298	0
NCE	18378	10482	4249	30443	3437	0	0
ORY	107312	65288	30409	107155	51233	15503	4182
PMI	18871	12071	6161	5915	15003	5915	1690
STN	7700	4598	2065	9570	2114	1369	164
STR	23091	13577	5902	30064	8857	1432	0
TFS	1704	1024	464	2000	500	400	0
THF	52194	30975	13737	60726	26873	2094	0
TLS	10361	6042	2580	14109	4056	174	0
TXL	203522	122643	56103	213588	100512	24081	3490
VCE	223	127	52	408	0	0	0
VIE	5551	3180	1303	9501	640	0	0
All	1953760	1166647	523628	2297982	817041	179094	45577

Number of people affected: Probable scenario (2015) - Lden

Further action: Ch.3-5dB



Airports	Number of people affected						
	LA	A	HA	55-60	60-65	65-70	>70
ABZ	2818	1608	651	4825	364	0	0
AGP	2258	1292	529	3514	627	0	0
ALC	3639	2082	851	6240	416	0	0
AMS	16916	9741	4041	26619	3964	0	0
ARN	88	50	20	165	0	0	0
ATH	77208	44370	18315	123424	15960	1064	0
BCN	9771	5658	2377	16178	1239	0	0
BHD	1848	1050	422	3248	180	0	0
BHX	3052	1755	725	5200	325	0	0
BMA	19316	11258	4800	26524	7329	349	0
BRU	31580	18813	8407	36839	14037	3066	266
CDG	34470	20070	8535	52025	7704	1512	0
CGN	12832	7352	3011	20476	2980	0	0
CPH	9116	5560	2599	10470	2094	1396	1396
DUB	5129	2968	1245	7236	1960	0	0
DUS	17274	10178	4444	23852	5308	594	264
EDI	7358	4273	1808	11263	1804	0	0
EMA	6151	3563	1497	9051	1950	0	0
FCO	15073	8794	3759	21700	4340	630	0
FRA	37760	21946	9301	56602	10342	0	0
GLA	8265	4768	1986	12661	2224	0	0
GOT	17	10	4	33	0	0	0
HAJ	31681	19560	9386	20187	24544	5775	0
HAM	53020	31432	13902	64750	22750	3500	500
HEL	1882	1085	453	3017	350	35	0
LCY	1182	671	269	1980	220	0	0
LGW	3478	1997	823	5269	1072	0	0
LHR	206129	125203	58106	223176	72682	36299	13095
LIS	48809	28550	12272	64384	20580	858	0
LPA	1226	706	292	1818	400	0	0
LTN	3394	2025	909	3582	1791	398	0
LUX	9262	5318	2190	14684	2136	0	0
LYS	189	108	44	344	0	0	0
MAD	16391	9501	4002	22850	6541	0	0
MAN	30880	18420	8257	34788	15561	2184	0
MLH	860	494	203	1377	101	101	0
MRS	3902	2313	1022	4626	1872	208	0
MUC	1783	1030	430	2730	465	0	0
MXP	14189	8384	3684	17646	6569	141	0
NAP	22640	13277	5741	28582	10990	0	0
NCE	4003	2282	923	7365	0	0	0
ORY	74808	44870	20323	84045	33358	7531	1968
PMI	14208	8617	3995	13313	8450	1690	0
STN	2981	1792	816	3049	1654	328	0
STR	8713	5057	2135	12549	3005	0	0
TFS	661	399	184	600	400	100	0
THF	21500	12523	5333	28967	9074	0	0
TLS	3958	2271	934	6678	534	0	0
TXL	101285	59775	26194	125640	43625	6631	0
VCE	106	58	22	204	0	0	0
VIE	1668	937	367	2999	165	0	0
All	1006727	595814	262538	1279344	374036	74390	17489

Number of people affected: Probable scenario (2007) - Lden

Further action: Ban on night flights



Airports	Number of people affected						
	LA	A	HA	55-60	60-65	65-70	>70
ABZ	3549	2048	853	5914	468	0	0
AGP	3195	1836	759	5182	627	0	0
ALC	4231	2459	1042	7072	416	0	0
AMS	23386	13574	5732	34574	7097	0	0
ARN	129	75	32	198	33	0	0
ATH	116380	67068	27863	183008	24472	3192	0
BCN	11051	6459	2773	16348	3007	0	0
BHD	3276	1878	771	5209	766	0	0
BHX	4594	2644	1096	7015	1300	0	0
BMA	23648	13912	6055	30014	10121	1047	0
BRU	37988	22689	10191	44336	16318	3697	599
CDG	47443	27637	11764	69343	11528	3448	0
CGN	18697	10757	4451	28100	5808	0	0
CPH	14071	8417	3785	19544	1396	2094	1396
DUB	7270	4230	1797	9753	3163	0	0
DUS	20790	12291	5406	24321	10723	660	264
EDI	9880	5780	2485	14057	3271	0	0
EMA	7734	4499	1910	11391	2340	0	0
FCO	16791	9862	4276	21070	7560	770	0
FRA	49268	28862	12444	63079	22518	636	0
GLA	10946	6351	2681	15534	3980	0	0
GOT	36	20	8	66	0	0	0
HAJ	31956	19740	9483	21808	22740	6382	0
HAM	67471	40319	18130	77614	30500	5500	1250
HEL	2492	1439	598	3983	455	70	0
LCY	1798	1028	418	2860	440	0	0
LGW	4941	2862	1201	7325	1528	0	0
LHR	257126	156138	72400	285832	87646	39718	18226
LIS	59094	34698	15039	76905	24941	1430	0
LPA	2410	1377	559	3945	500	0	0
LTN	5561	3286	1444	6677	2388	597	0
LUX	12472	7229	3043	18688	3560	0	0
LYS	262	151	62	387	86	0	0
MAD	23765	13798	5831	33922	8672	0	0
MAN	37017	22249	10129	37211	20970	4032	0
MLH	927	541	230	1348	202	101	0
MRS	4957	2951	1316	5566	2392	520	0
MUC	2519	1456	613	3619	888	0	0
MXP	15281	9088	4048	17161	8056	705	0
NAP	24837	14726	6520	26239	16352	0	0
NCE	8027	4560	1830	13912	982	0	0
ORY	85801	51714	23650	91465	41374	8602	2952
PMI	15291	9466	4564	9933	10985	3380	0
STN	4463	2682	1220	5028	1763	613	164
STR	12742	7409	3144	18707	3545	446	0
TFS	997	598	271	1100	400	200	0
THF	29546	17336	7502	36994	14309	349	0
TLS	5373	3102	1295	8247	1254	174	0
TXL	132149	78657	35093	155654	57236	13262	0
VCE	110	62	25	204	0	0	0
VIE	2725	1542	613	4760	345	0	0
All	1286463	763552	338445	1592222	501421	101625	24851

Number of people affected: Probable scenario (2015) - Lden

Further action: Ban on night flights



Airports	Number of people affected						
	LA	A	HA	55-60	60-65	65-70	>70
ABZ	3449	1991	830	5733	468	0	0
AGP	4084	2360	988	6095	1254	0	0
ALC	4371	2583	1137	4992	2496	0	0
AMS	25746	14924	6286	38432	7266	280	0
ARN	134	79	35	165	66	0	0
ATH	170120	97405	39854	279832	29792	1596	0
BCN	20058	11737	5050	25374	9709	175	0
BHD	2956	1695	696	4646	743	0	0
BHX	46463	27689	12385	53490	20800	5119	0
BMA	30332	18020	8010	35249	15356	1309	0
BRU	52046	31198	14117	60009	21946	4625	1749
CDG	70384	40961	17401	99549	21976	3857	0
CGN	29515	17153	7269	42973	9160	348	0
CPH	19678	11574	5023	30014	2094	1570	1309
DUB	5548	3207	1346	7903	2043	0	0
DUS	29715	17631	7815	32972	16578	1069	495
EDI	10637	6264	2734	12958	5459	0	0
EMA	12064	7131	3137	14766	5433	585	0
FCO	19945	11752	5132	24920	9030	788	0
FRA	68386	40517	17911	73725	42456	1272	0
GLA	13824	8036	3409	19205	5320	47	0
GOT	54	32	13	99	0	0	0
HAJ	37460	23520	11633	20573	27157	10145	455
HAM	77961	46640	21026	86570	38000	6562	1125
HEL	8484	4821	1939	14485	1164	131	26
LCY	1778	1010	406	2860	440	0	0
LGW	6262	3631	1531	9353	1844	0	0
LHR	289759	175356	80790	322355	112358	35436	17033
LIS	74349	43966	19352	87223	37797	3319	0
LPA	2851	1649	689	4454	600	75	0
LTN	7607	4463	1930	10186	2786	448	0
LUX	13887	8055	3397	20482	4272	0	0
LYS	872	492	194	1518	129	0	0
MAD	40174	23183	9665	61976	9475	1267	0
MAN	43622	26365	12137	40540	26319	5166	630
MLH	1453	845	359	2140	382	0	76
MRS	5459	3240	1437	6265	2928	156	0
MUC	3454	1999	839	5032	1161	0	0
MXP	15469	9215	4116	17156	8392	634	0
NAP	33858	20158	9001	37283	20230	200	0
NCE	10529	5993	2417	17529	1964	0	0
ORY	94364	56885	26029	99001	47455	9804	2398
PMI	16139	10080	4938	9088	11830	4436	0
STN	4929	2932	1307	6102	1655	622	123
STR	17585	10337	4489	23067	6917	704	0
TFS	1195	712	319	1400	500	150	0
THF	39618	23329	10177	48860	19544	524	0
TLS	7986	4639	1965	11562	2514	130	0
TXL	157012	93535	41804	180782	73290	13349	785
VCE	169	96	39	306	0	0	0
VIE	3981	2280	932	6776	489	0	0
All	1657775	983365	435435	2028025	691037	115898	26204

Number of people affected: Probable scenario (2007) - Lden

Further action: Reallocation of 25% above 65 Lden



Airports	Number of people affected						
	LA	A	HA	55-60	60-65	65-70	>70
ABZ	4979	2883	1210	7834	967	117	0
AGP	5603	3255	1380	8536	1454	0	0
ALC	5497	3255	1436	5262	4160	0	0
AMS	35287	20566	8771	48627	13261	561	0
ARN	291	168	70	396	132	0	0
ATH	224717	129920	54379	353248	46816	3192	0
BCN	23096	13617	5957	27062	12631	350	0
BHD	4740	2743	1151	7235	1264	0	0
BHX	56171	33629	15186	62915	25350	7069	0
BMA	36046	21551	9707	38639	19544	2880	0
BRU	61423	36851	16702	67850	27869	6409	2049
CDG	95801	55893	23885	131529	34415	3918	0
CGN	38352	22467	9690	51698	15112	450	0
CPH	26741	15770	6881	40135	3839	1570	1571
DUB	7685	4472	1902	10156	3485	0	0
DUS	38413	22752	10045	44819	19752	1277	544
EDI	14639	8652	3807	16293	8661	288	0
EMA	13412	8004	3590	14530	7605	585	0
FCO	21662	12847	5684	27020	8190	1942	210
FRA	83360	49809	22412	85463	53589	2191	0
GLA	18600	10857	4643	25405	7274	189	0
GOT	74	43	18	99	33	0	0
HAJ	40276	25151	12319	25621	26684	10718	455
HAM	94732	57147	26198	96152	50750	9750	1875
HEL	11274	6440	2626	19116	1412	183	26
LCY	2462	1413	580	4045	440	0	0
LGW	10286	5956	2501	14938	3424	112	0
LHR	340401	206889	96097	363712	142013	41921	20640
LIS	84926	50537	22541	95585	44379	4808	214
LPA	3925	2306	998	5363	1409	75	0
LTN	14642	8475	3556	22198	3383	746	149
LUX	17601	10313	4450	22657	8010	134	0
LYS	1724	972	385	2984	258	0	0
MAD	52553	30374	12706	81567	10061	3252	0
MAN	53168	32194	14872	51891	28342	7560	756
MLH	2085	1213	513	3142	519	0	76
MRS	6574	3918	1754	7130	3598	468	0
MUC	6019	3458	1425	8771	2207	0	0
MXP	16829	10085	4564	17378	10078	740	0
NAP	37588	22495	10154	39709	20435	3423	0
NCE	18886	10764	4358	31425	3437	0	0
ORY	106347	64398	29728	109938	51682	12538	3321
PMI	17433	11075	5588	5915	15003	4436	1268
STN	7594	4509	1998	9892	2114	1027	123
STR	24014	14151	6180	30433	10289	1074	0
TFS	1681	1002	446	2100	500	300	0
THF	51802	30706	13585	60726	26873	1570	0
TLS	10362	6038	2574	14229	3996	130	0
TXL	200439	120330	54634	215682	101908	18061	2618
VCE	223	127	52	408	0	0	0
VIE	5715	3282	1352	9626	729	41	0
All	2058150	1225722	547240	2447084	889336	156055	35895

Number of people affected: Probable scenario (2015) - Lden

Further action: Reallocation of 25% above 65 Lden



Airports	Number of people affected						
	LA	A	HA	55-60	60-65	65-70	>70
ABZ	3426	1968	811	5733	468	0	0
AGP	4044	2321	955	6095	1254	0	0
ALC	4344	2557	1115	4992	2496	0	0
AMS	25640	14800	6172	38432	7640	0	0
ARN	133	78	34	165	66	0	0
ATH	169730	96899	39371	279832	31920	0	0
BCN	19860	11531	4875	25374	9942	0	0
BHD	2949	1688	690	4646	743	0	0
BHX	46104	26902	11501	53490	27625	0	0
BMA	29914	17496	7520	35249	17101	0	0
BRU	51619	30177	12955	60009	30445	0	0
CDG	70287	40536	16869	99549	27118	0	0
CGN	29314	16929	7072	42973	9624	0	0
CPH	19688	11278	4619	30014	5933	0	0
DUB	5528	3190	1332	7903	2043	0	0
DUS	29368	17146	7340	32972	18663	0	0
EDI	10527	6158	2647	12958	5459	0	0
EMA	11989	7010	3011	14766	6213	0	0
FCO	19673	11415	4818	24920	10080	0	0
FRA	67316	39373	16924	73725	44152	0	0
GLA	13715	7926	3317	19205	5383	0	0
GOT	54	32	13	99	0	0	0
HAJ	36953	22086	9945	20573	41291	0	0
HAM	77226	45224	19490	86570	48250	0	0
HEL	8461	4786	1902	14485	1374	0	0
LCY	1778	1010	406	2860	440	0	0
LGW	6203	3573	1484	9353	1844	0	0
LHR	288236	168578	72448	322355	182319	0	0
LIS	73562	42917	18341	87223	42222	0	0
LPA	2843	1633	673	4454	700	0	0
LTN	7516	4333	1802	10186	3383	0	0
LUX	13795	7966	3325	20482	4272	0	0
LYS	870	490	192	1518	129	0	0
MAD	39911	22818	9307	61976	11165	0	0
MAN	43182	25425	11087	40540	34047	0	0
MLH	1447	833	344	2140	483	0	0
MRS	5386	3153	1359	6265	3136	0	0
MUC	3427	1972	818	5032	1161	0	0
MXP	15392	9086	3982	17156	9238	0	0
NAP	33033	19328	8314	37283	20496	0	0
NCE	10507	5972	2401	17529	1964	0	0
ORY	93423	54778	23672	99001	63725	0	0
PMI	16022	9574	4310	9088	17745	0	0
STN	4914	2850	1203	6102	2648	0	0
STR	17428	10123	4283	23067	7856	0	0
TFS	1180	684	289	1400	700	0	0
THF	38985	22665	9611	48860	20242	0	0
TLS	7955	4599	1927	11562	2688	0	0
TXL	155644	90954	39014	180782	92136	0	0
VCE	169	96	39	306	0	0	0
VIE	3969	2270	924	6776	489	0	0
All	1644639	957186	406853	2028025	880511	0	0

Number of people affected: Probable scenario (2007) - Lden

Further action: Insulation down to 60 Lden



Airports	Number of people affected						
	LA	A	HA	55-60	60-65	65-70	>70
ABZ	4972	2867	1192	7834	1123	0	0
AGP	5536	3189	1325	8536	1454	0	0
ALC	5444	3203	1393	5262	4160	0	0
AMS	35059	20299	8529	48627	14009	0	0
ARN	288	165	68	396	132	0	0
ATH	224000	128962	53454	353248	51072	0	0
BCN	22759	13260	5650	27062	13097	0	0
BHD	4703	2708	1122	7235	1264	0	0
BHX	55736	32580	13985	62915	34775	0	0
BMA	35635	20899	9038	38639	23383	0	0
BRU	61077	35715	15342	67850	39147	0	0
CDG	95196	54953	22923	131529	39638	0	0
CGN	37933	22018	9301	51698	15712	0	0
CPH	26698	15380	6382	40135	8027	0	0
DUB	7604	4394	1838	10156	3485	0	0
DUS	37847	22023	9356	44819	22180	0	0
EDI	14443	8442	3622	16293	9045	0	0
EMA	13235	7780	3380	14530	8385	0	0
FCO	21523	12525	5319	27020	11060	0	0
FRA	81423	47716	20600	85463	56511	0	0
GLA	18400	10644	4462	25405	7526	0	0
GOT	74	43	18	99	33	0	0
HAJ	39805	23698	10586	25621	41581	0	0
HAM	93764	55120	23958	96152	66250	0	0
HEL	11243	6392	2576	19116	1692	0	0
LCY	2452	1403	573	4045	440	0	0
LGW	10196	5858	2416	14938	3574	0	0
LHR	338203	198277	85666	363712	225431	0	0
LIS	83885	49088	21121	95585	51076	0	0
LPA	3894	2267	962	5363	1509	0	0
LTN	14560	8314	3381	22198	4577	0	0
LUX	17442	10148	4310	22657	8188	0	0
LYS	1720	969	382	2984	258	0	0
MAD	52520	30072	12305	81567	14397	0	0
MAN	52633	30926	13428	51891	39430	0	0
MLH	2069	1190	490	3142	620	0	0
MRS	6504	3810	1643	7130	4222	0	0
MUC	5972	3411	1388	8771	2207	0	0
MXP	16667	9864	4347	17378	11065	0	0
NAP	37170	21797	9424	39709	24999	0	0
NCE	18822	10703	4308	31425	3437	0	0
ORY	105349	61884	26852	109938	72828	0	0
PMI	17231	10352	4712	5915	22608	0	0
STN	7604	4410	1861	9892	3647	0	0
STR	23760	13808	5848	30433	11721	0	0
TFS	1684	977	411	2100	900	0	0
THF	50868	29650	12646	60726	28967	0	0
TLS	10279	5946	2492	14229	4170	0	0
TXL	198025	116068	50120	215682	129479	0	0
VCE	223	127	52	408	0	0	0
VIE	5700	3262	1335	9626	784	0	0
All	2039829	1189556	507892	2447084	1145275	0	0

Number of people affected: Probable scenario (2015) - Lden

Further action: Insulation down to 60 Lden