

Air traffic statistics of the EUR/SAM corridor

2019 REPORT

ENAIRe 

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Scope



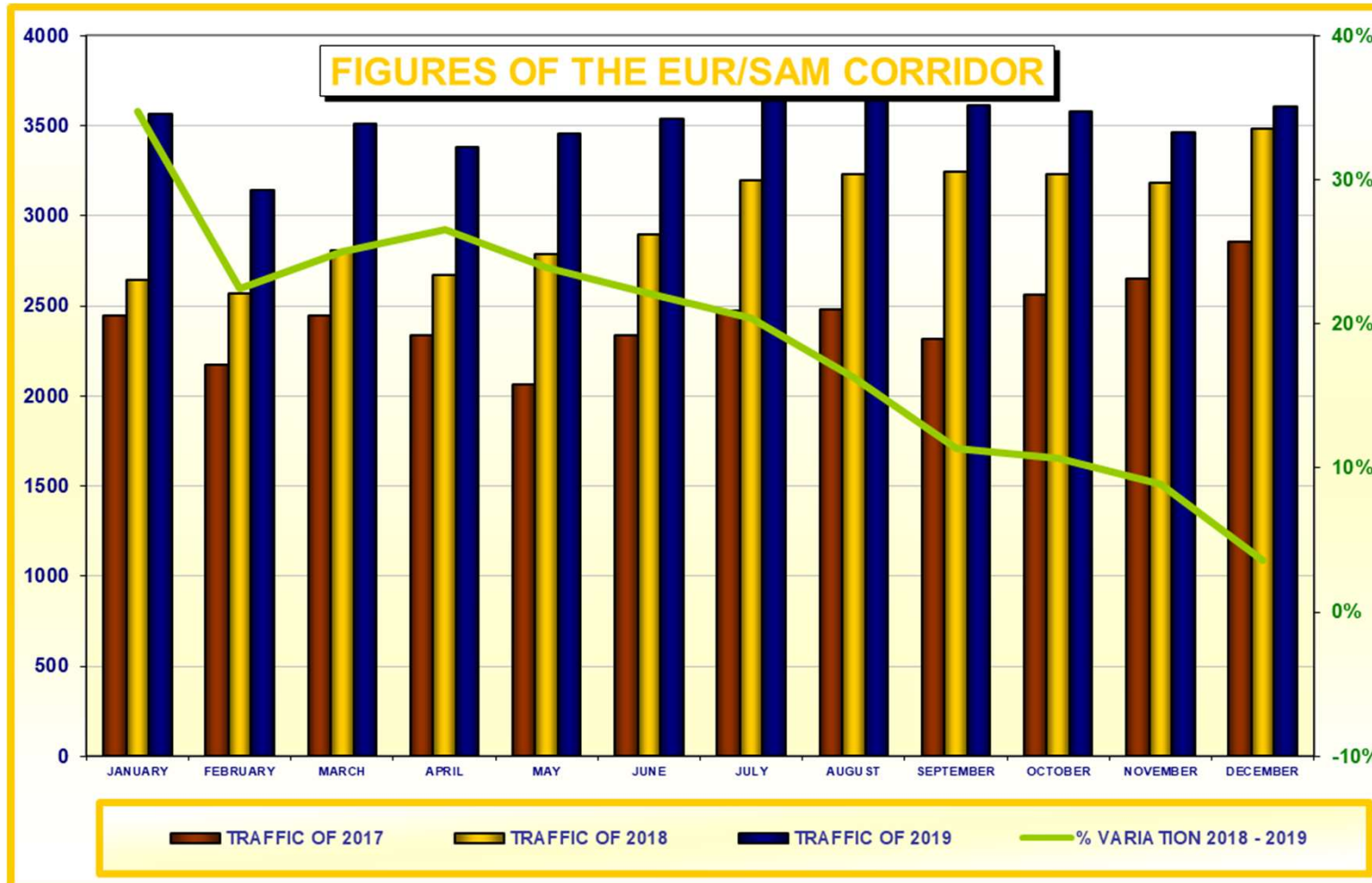
- **The necessary flight plan information to perform this study is obtained from PALESTRA (ENAIRe's data base):**
 - this flight plan data contains initial flight plan information that is updated by radar and controllers with pilot position reports.
 - the air traffic movements reflected in this study are:
 - all traffics using UN741, UN866, UN873 and UN857 whose flight plans contains information about EDUMO, TENPA, IPERA and GUNET waypoints.
 - traffic using the random route.
 - this study does not reflect:
 - traffic not overflying Canaries FIR/UIR.
 - data from east-west flows crossing the EUR-SAM corridor.
 - southbound traffic to/ from Cape Verde.

Global figures of the EUR/SAM corridor



MONTH	SOUTHBOUND		NORTHBOUND		TOTAL TRAFFIC IN THE CORRIDOR						% VARIATION	
	2018	2019	2018	2019	2017	DAILY	2018	DAILY	2019	DAILY	2017 - 2018	2018 - 2019
JANUARY	1292	1547	1354	2018	2449	79	2646	88	3565	115	8%	35%
FEBRUARY	1157	1550	1412	1595	2175	78	2569	92	3145	112	18%	22%
MARCH	1372	1617	1438	1897	2446	79	2810	91	3514	113	15%	25%
APRIL	1168	1541	1505	1842	2335	78	2673	89	3383	113	14%	27%
MAY	1224	1625	1565	1830	2065	67	2789	90	3455	111	35%	24%
JUNE	1217	1621	1682	1919	2337	78	2899	97	3540	118	24%	22%
JULY	1472	1810	1725	2038	2476	80	3197	103	3848	124	29%	20%
AUGUST	1589	1808	1642	1949	2481	80	3231	104	3757	121	30%	16%
SEPTEMBER	1638	1771	1608	1844	2317	77	3246	108	3615	120	40%	11%
OCTOBER	1497	1646	1736	1933	2561	83	3233	104	3579	115	26%	11%
NOVEMBER	1598	1726	1584	1740	2653	88	3182	106	3466	116	20%	9%
DECEMBER	1672	1833	1813	1776	2859	92	3485	112	3609	116	22%	4%
AVERAGE	1408	1675	1589	1865	2430	80	2997	99	3540	116	24%	19%

Global figures of the EUR/SAM corridor



Number of movements

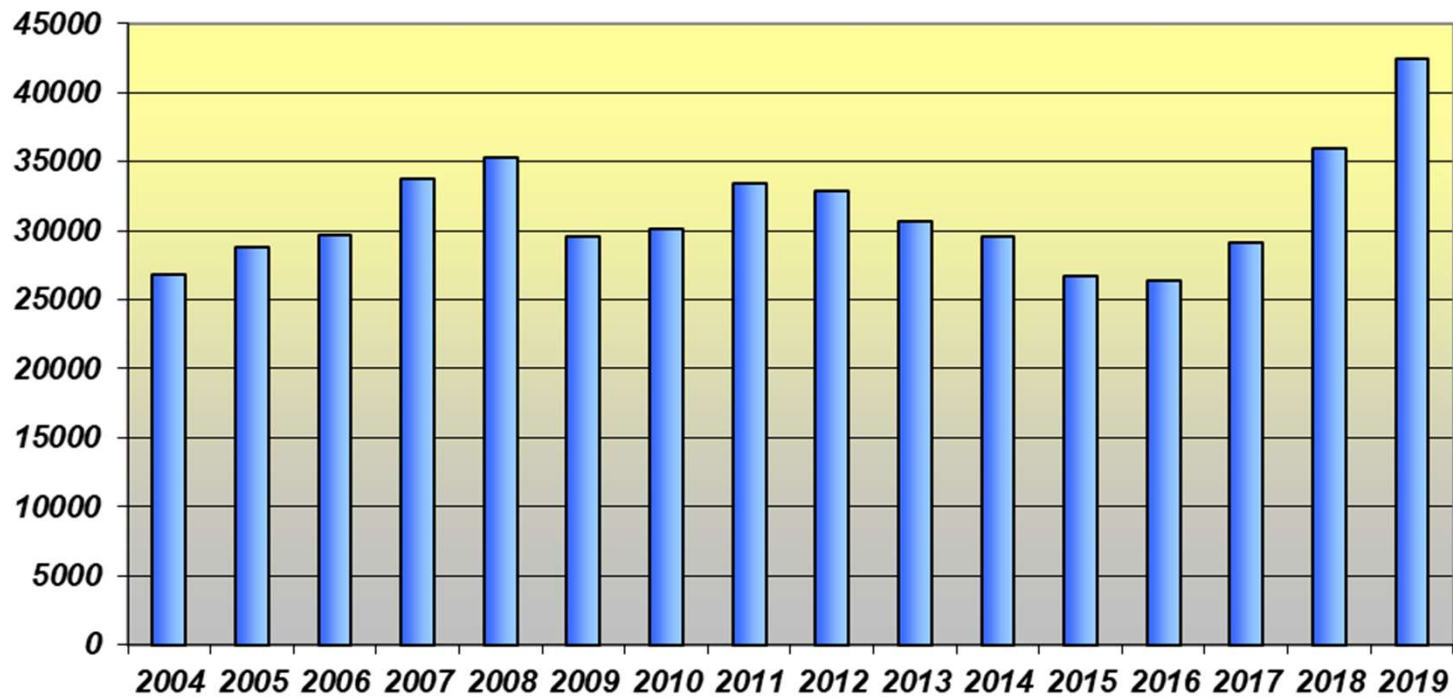


FIGURES OF	SOUTHBOUND	NORTHBOUND	TOTAL TRAFFIC IN THE CORRIDOR	MONTHLY	DAILY
2004	13108	13685	26793	2233	73
2005	14088	14674	28762	2397	79
2006	14651	15036	29687	2474	81
2007	16704	17004	33708	2809	92
2008	17024	18295	35319	2943	96
2009	14256	15366	29622	2468	81
2010	14083	16019	30102	2508	82
2011	15426	17988	33414	2784	92
2012	15245	17624	32869	2739	90
2013	14778	15867	30645	2554	84
2014	13469	16113	29582	2465	81
2015	11613	15068	26681	2223	73
2016	12158	14201	26359	2197	72
2017	13607	15547	29154	2430	80
2018	16896	19064	35960	2997	99
2019	20095	22381	42476	3540	116

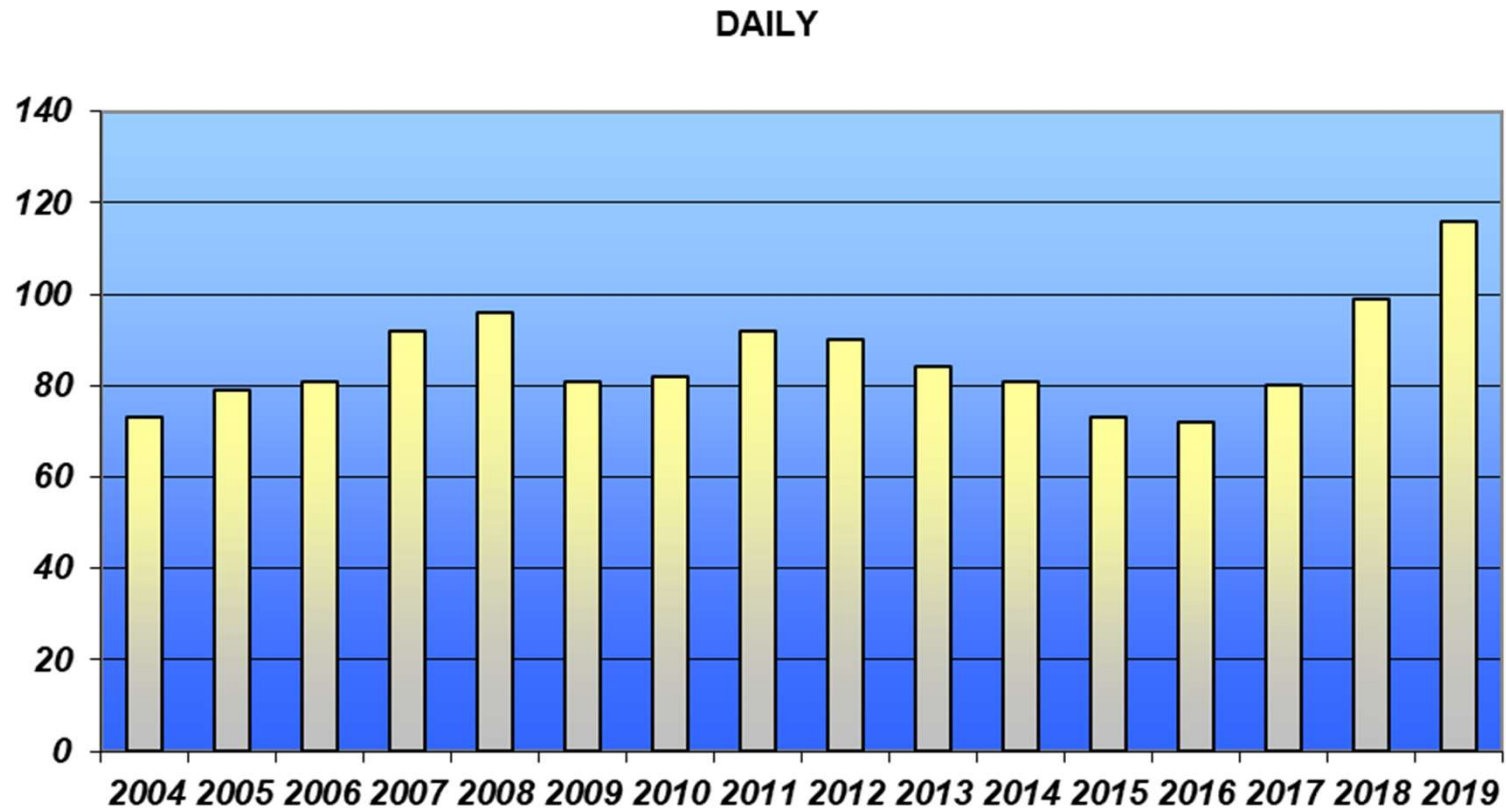
Number of movements



TOTAL TRAFFIC IN THE CORRIDOR



Average daily traffic



Traffic per ATS route



	TOTAL	RANDOM ROUTE	UN-741	UN-866	UN-873	UN-857
2004	26793	1052	7179	4960	11219	2383
2005	28762	1413	7220	5534	11609	2986
2006	29687	1429	7935	5037	12442	2844
2007	33708	1424	9039	6389	13484	3372
2008	35319	1399	8486	8113	13314	4007
2009	29622	845	6383	7173	11320	3901
2010	30102	399	5605	7466	12170	4462
2011	33414	261	5999	8129	14172	4853
2012	32869	292	5009	8237	15129	4202
2013	30645	388	4968	6634	14477	4178
2014	29582	2310	3204	5650	13919	4499
2015	26681	2529	2121	5330	13134	3567
2016	26359	2643	1840	4201	14383	3292
2017	29154	2933	1843	4745	16053	3580
2018	35960	3956	2369	5055	19670	4910
2019	42476	4814	2347	6348	23350	5617

Daily traffic



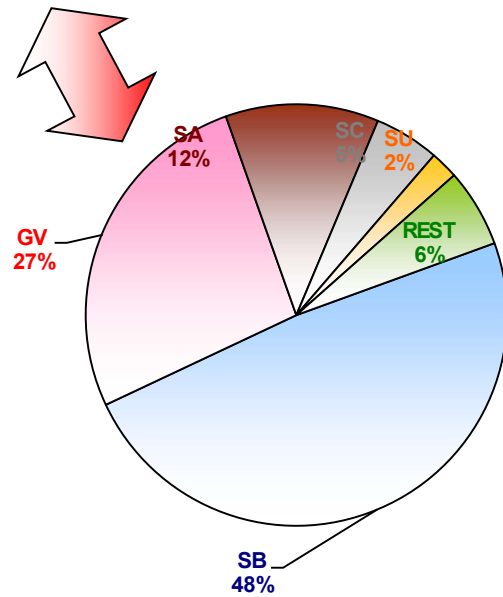
	TOTAL CORREDOR		RANDOM ROUTE		UN-741		UN-866		UN-873		UN-857	
	DAILY	%	DAILY	%	DAILY	%	DAILY	%	DAILY	%	DAILY	%
2004	73		3	4%	20	27%	14	19%	31	42%	7	10%
2005	79		4	5%	20	25%	15	19%	32	41%	8	10%
2006	81		4	5%	22	27%	14	17%	34	42%	8	10%
2007	92		4	4%	25	27%	18	20%	37	40%	9	10%
2008	97		4	4%	23	24%	22	23%	36	37%	11	11%
2009	81		2	2%	17	21%	20	25%	31	38%	11	14%
2010	82		1	1%	15	18%	20	24%	33	40%	12	15%
2011	92		1	1%	16	17%	22	24%	39	42%	13	14%
2012	91		1	1%	14	15%	23	25%	42	46%	12	13%
2013	84		1	1%	14	17%	18	21%	40	48%	11	13%
2014	81		6	7%	9	11%	15	19%	38	47%	12	15%
2015	73		7	10%	6	8%	15	21%	36	49%	10	14%
2016	72		7	10%	5	7%	12	17%	39	54%	9	13%
2017	80		8	10%	5	6%	13	16%	44	55%	10	13%
2018	99		11	11%	7	7%	14	14%	54	55%	13	13%
2019	116		13	11%	6	5%	17	15%	64	55%	15	13%

Main flows



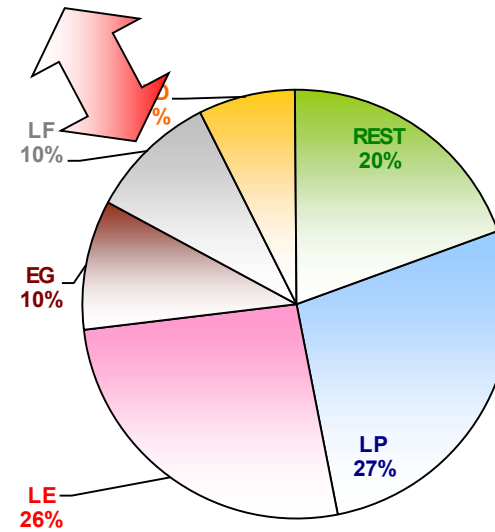
COUNTRY *	2018	2019	VAR %
SB	16636	20627	24%
GV	10859	11286	4%
SA	3791	4992	32%
SC	1416	2121	50%
SU	723	908	26%
REST	2535	2542	0%

* ORIGIN / DESTINATION



COUNTRY *	2018	2019	VAR %
LP	9772	11674	19%
LE	8832	11115	26%
EG	3523	4145	18%
LF	3666	4129	13%
ED	2588	3099	20%
REST	7579	8314	10%

* ORIGIN / DESTINATION



Main airports



MAIN AIRPORT:	LPPT	ATS ROUTE	SOUTHBOUND	NORTHBOUND	TOTAL	% PER ROUTE
% CORRIDOR:	25.66%	RANDOM	24	115	139	1%
		UN-741	499		499	5%
		UN-866		2310	2310	21%
		UN-873	3907	2998	6905	63%
		UN-857	765	282	1047	10%
		TOTAL	5195	5705	10900	

MAIN AIRPORT:	SBGR	ATS ROUTE	SOUTHBOUND	NORTHBOUND	TOTAL	% PER ROUTE
% CORRIDOR:	25.66%	RANDOM	327	229	556	5%
		UN-741	477		477	4%
		UN-866		1996	1996	19%
		UN-873	3057	3239	6296	59%
		UN-857	1176	201	1377	13%
		TOTAL	5037	5665	10702	

MAIN AIRPORT:	LEMD	ATS ROUTE	SOUTHBOUND	NORTHBOUND	TOTAL	% PER ROUTE
% CORRIDOR:	25.20%	RANDOM	866	770	1636	17%
		UN-741	747		747	8%
		UN-866		1431	1431	15%
		UN-873	1662	2327	3989	42%
		UN-857	980	735	1715	18%
		TOTAL	4255	5263	9518	

Main airports



MAIN AIRPORT:	GVAC	ATS ROUTE	SOUTHBOUND	NORTHBOUND	TOTAL	% PER ROUTE
% CORRIDOR:	22.41%	RANDOM		1	1	0%
		UN-741	159		159	3%
		UN-866	1	179	180	3%
		UN-873	2303	3117	5420	86%
		UN-857	216	295	511	8%
		TOTAL	2679	3592	6271	

MAIN AIRPORT:	SAEZ	ATS ROUTE	SOUTHBOUND	NORTHBOUND	TOTAL	% PER ROUTE
% CORRIDOR:	14.76%	RANDOM	633	377	1010	21%
		UN-741	350		350	7%
		UN-866		676	676	14%
		UN-873	870	1043	1913	39%
		UN-857	372	586	958	20%
		TOTAL	2225	2682	4907	

MAIN AIRPORT:	LFPG	ATS ROUTE	SOUTHBOUND	NORTHBOUND	TOTAL	% PER ROUTE
% CORRIDOR:	11.55%	RANDOM	198	289	487	15%
		UN-741	241		241	7%
		UN-866		683	683	20%
		UN-873	927	660	1587	48%
		UN-857	219	121	340	10%
		TOTAL	1585	1753	3338	

Main city-pair



CITY PAIR	TOTAL	% TOTAL
SAEZ <-> LEMD	2639	6.21%
SBGR <-> LEMD	2105	4.96%
SBGR <-> LPPT	2042	4.81%
SBGR <-> LFPG	1510	3.55%
GVNP <-> LPPT	1376	3.24%
GVAC <-> LPPT	1364	3.21%
SCEL <-> LEMD	1217	2.87%
SBKP <-> LPPT	1180	2.78%
SBGR <-> EDDF	1053	2.48%
SBGR <-> EGLL	919	2.16%
SUMU <-> LEMD	890	2.10%
SBGL <-> LPPT	874	2.06%
SBRF <-> LPPT	845	1.99%
SLVR <-> LEMD	732	1.72%
GVSU <-> LPPT	673	1.58%
SBGR <-> LIMC	623	1.47%
SBGR <-> LEBL	593	1.40%
SBSV <-> LPPT	586	1.38%
SBGL <-> LEMD	515	1.21%
SBGR <-> LIRF	502	1.18%
REST	20238	47.65%

Evolution of AO's



AIRCRAFT OPERATOR	2018	2019	VARIATION
TAP	7675	8418	9.7%
TAM	2863	4801	67.7%
IBE	3411	4481	31.4%
AEA	2593	2824	8.9%
AFR	2053	2207	7.5%
TOM	1844	1805	-2.1%
TCV	890	1432	60.9%
AZU	782	1361	74.0%
DLH	927	1216	31.2%
KLM	882	1068	21.1%
REST	12040	12863	6.8%

2020 traffic evolution



MONTH	SOUTHBOUND		NORTHBOUND		TOTAL TRAFFIC IN THE CORRIDOR						% VARIATION	
	2019	2020	2019	2020	2018	DAILY	2019	DAILY	2020	DAILY	2018 - 2019	2019 - 2020
JANUARY	1547	1807	2018	2029	2646	88	3565	115	3836	124	35%	8%
FEBRUARY	1550	1662	1595	1717	2569	92	3145	112	3379	117	22%	7%
MARCH	1617	1066	1897	1296	2810	91	3514	113	2362	76	25%	-33%
APRIL	1541	154	1842	133	2673	89	3383	113	287	10	27%	-92%
MAY	1625	212	1830	180	2789	90	3455	111	392	13	24%	-89%
AVERAGE	1675	980	1865	1071	2997	99	3540	116	2051	68	19%	-40%

June 2020

Thank You



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