

CRCO calculation of service units using M2 and M3 data

In order to provide STATFOR with historical data to produce the October 2019 M3 service unit forecasts, the CRCO calculated service units using M2 and M3 data respectively for nineteen months for the period November 2017 to May 2019.

In order to avoid any bias, M2 and M3 calculations were made for exactly the same flights.

The following information is available in the next table for each charging zone and by month:

- Number of M2 service units;
- Number of M3 calculated service units (M3 data consist of point profiles representing the actual trajectories recorded by NM. The treatment of M3 point profiles by the CRCO is identical to the treatment of the M2 data that are currently used for the calculation of the route charges);
- % variation M3 vs. M2;
- Average % variation M3 vs. M2 for the entire period November 2017 - May 2019;
- For information:
 - the results of the 3 weeks samples processed in 2015 and 2016;
 - the results of the 3 months sample (April/July/October 2018) provided for the STATFOR February forecast;
 - the results of the 12 months sample (November 2017 – October 2018) provided for the STATFOR May forecast.

No tool or modelling exists to assess possible changes in airspace users' behavior or in air traffic control decisions at tactical level as a potential consequence of the new calculation method. Therefore it is not possible to assess the impact that such changes might have on the traffic in a given charging zone.

Please do not hesitate to contact the CRCO for any additional information at cfi.crco.bce.eco@eurocontrol.int

Charging zone	November 2017			December 2017			January 2018			February 2018			March 2018		
	201711-M2	201711-M3	M3/M2	201712-M2	201712-M3	M3/M2	201801-M2	201801-M3	M3/M2	201802-M2	201802-M3	M3/M2	201803-M2	201803-M3	M3/M2
Portugal - Santa Maria	384,525	383,747	-0.20%	423,188	422,715	-0.11%	474,662	474,104	-0.12%	421,853	421,429	-0.10%	431,795	431,158	-0.15%
Belgium / Luxembourg	192,347	186,279	-3.15%	190,330	183,765	-3.45%	192,032	185,797	-3.25%	176,931	171,395	-3.13%	203,907	197,704	-3.04%
Germany	1,048,972	1,051,387	0.23%	1,019,364	1,022,272	0.29%	1,041,522	1,044,634	0.30%	974,260	976,954	0.28%	1,136,337	1,139,243	0.26%
Estonia	66,091	65,643	-0.68%	66,067	65,619	-0.68%	65,613	65,175	-0.67%	61,331	61,021	-0.51%	70,391	70,073	-0.45%
Finland	71,774	71,914	0.20%	73,063	73,085	0.03%	76,637	76,773	0.18%	70,814	70,878	0.09%	79,796	79,740	-0.07%
United Kingdom	828,492	831,048	0.31%	852,966	854,619	0.19%	854,117	855,538	0.17%	768,897	770,605	0.22%	905,460	906,540	0.12%
Netherlands	240,046	235,878	-1.74%	238,147	232,690	-2.29%	242,124	237,159	-2.05%	227,191	222,154	-2.22%	262,515	256,244	-2.39%
Ireland	325,241	321,802	-1.06%	315,987	313,897	-0.66%	290,484	288,487	-0.69%	283,421	282,026	-0.49%	340,864	337,920	-0.86%
Denmark	127,542	120,021	-5.90%	126,381	119,247	-5.64%	126,988	120,074	-5.44%	115,763	109,556	-5.36%	133,949	126,539	-5.53%
Norway	202,427	202,329	-0.05%	203,670	203,231	-0.22%	195,627	195,124	-0.26%	180,093	179,696	-0.22%	194,337	194,173	-0.08%
Poland	311,643	310,806	-0.27%	314,880	313,877	-0.32%	318,883	317,836	-0.33%	284,685	283,525	-0.41%	334,431	332,813	-0.48%
Sweden	284,039	282,331	-0.60%	286,112	284,241	-0.65%	281,804	279,838	-0.70%	263,960	261,521	-0.92%	307,150	304,338	-0.92%
Latvia	68,246	67,812	-0.64%	67,920	67,468	-0.66%	67,232	66,749	-0.72%	59,301	58,934	-0.62%	71,008	70,530	-0.67%
Lihuania	40,284	40,401	0.29%	40,503	40,599	0.24%	41,566	41,626	0.14%	37,037	37,081	0.12%	43,212	43,302	0.21%
Spain - Canary Islands	144,018	144,310	0.20%	153,426	153,591	0.11%	147,099	147,152	0.04%	133,293	133,587	0.22%	149,775	150,029	0.17%
Albania	26,233	25,740	-1.88%	26,376	25,398	-3.71%	25,754	24,825	-3.61%	22,173	21,423	-3.38%	27,372	26,268	-4.03%
Bulgaria	257,204	258,279	0.42%	267,955	267,935	-0.01%	264,906	264,802	-0.04%	241,149	241,076	-0.03%	280,350	279,512	-0.30%
Cyprus	129,126	127,681	-1.12%	128,698	127,071	-1.26%	129,440	127,817	-1.25%	115,603	114,369	-1.07%	140,946	139,430	-1.08%
Croatia	105,345	104,593	-0.71%	109,448	109,153	-0.27%	103,054	102,541	-0.50%	95,106	94,319	-0.83%	115,776	115,099	-0.58%
Spain - Continental	727,450	728,577	0.15%	735,457	736,489	0.14%	717,312	718,550	0.17%	663,596	664,797	0.18%	809,174	810,481	0.16%
France	1,388,642	1,390,969	0.17%	1,410,299	1,414,136	0.27%	1,378,726	1,381,284	0.19%	1,301,955	1,304,962	0.23%	1,548,195	1,550,407	0.14%
Greece	320,994	320,804	-0.06%	318,653	318,517	-0.04%	307,915	307,742	-0.06%	277,109	277,086	-0.01%	341,962	341,371	-0.17%
Hungary	213,345	211,439	-0.89%	215,753	213,720	-0.94%	216,322	214,464	-0.86%	193,481	191,645	-0.95%	224,106	220,857	-1.45%
Italy	560,316	561,246	0.17%	566,646	567,381	0.13%	556,960	557,293	0.06%	505,683	506,212	0.10%	611,885	612,599	0.12%
Slovenia	31,527	31,254	-0.87%	31,552	31,285	-0.85%	30,853	30,514	-1.10%	28,317	27,910	-1.44%	35,270	34,708	-1.59%
Czech Republic	207,283	204,771	-1.21%	206,261	203,590	-1.30%	208,322	205,805	-1.21%	194,097	191,851	-1.16%	226,082	222,868	-1.42%
Malta	62,923	61,323	-2.54%	72,526	71,208	-1.82%	69,559	68,401	-1.66%	59,213	57,937	-2.16%	85,466	83,837	-1.91%
Austria	209,363	207,998	-0.65%	210,541	208,847	-0.80%	211,264	209,576	-0.80%	188,312	187,083	-0.65%	223,285	221,326	-0.88%
Portugal - Lisbon	288,508	287,059	-0.50%	308,974	307,256	-0.56%	299,634	297,919	-0.57%	273,644	272,066	-0.58%	319,785	317,460	-0.73%
Bosnia-Herzegovina	64,713	64,719	0.01%	63,864	63,559	-0.48%	61,071	60,876	-0.32%	52,831	52,853	0.04%	65,840	65,482	-0.54%
Romania	362,481	360,421	-0.57%	363,227	362,230	-0.27%	359,114	358,367	-0.21%	322,512	321,862	-0.20%	369,101	366,864	-0.61%
Switzerland	109,340	105,878	-3.17%	108,086	104,982	-2.87%	105,397	102,718	-2.54%	100,855	97,472	-3.36%	121,915	117,934	-3.27%
Turkey	1,235,317	1,233,232	-0.17%	1,269,344	1,267,100	-0.18%	1,252,761	1,250,226	-0.20%	1,140,697	1,138,730	-0.17%	1,319,951	1,315,369	-0.35%
Moldova	4,405	4,453	1.10%	4,420	4,466	1.04%	4,481	4,527	1.04%	3,844	3,893	1.27%	4,767	4,808	0.85%
North Macedonia	15,713	14,812	-5.73%	14,866	13,836	-6.93%	13,839	12,859	-7.08%	12,494	11,669	-6.60%	16,298	15,233	-6.53%
Serbia & Montenegro	134,013	134,149	0.10%	136,208	136,413	0.15%	132,087	132,472	0.29%	119,278	119,706	0.36%	147,310	147,471	0.11%
Slovakia	84,143	84,100	-0.05%	83,102	83,213	0.13%	83,869	83,713	-0.19%	75,838	75,952	0.15%	88,675	88,480	-0.22%
Armenia	14,889	14,761	-0.86%	15,347	15,269	-0.51%	14,526	14,377	-1.03%	13,869	13,755	-0.82%	16,613	16,469	-0.87%
Georgia	62,920	62,815	-0.17%	64,814	64,716	-0.15%	61,837	61,739	-0.16%	55,461	55,305	-0.28%	64,054	63,359	-1.08%
All zones	10,951,879	10,916,780	-0.32%	11,104,420	11,068,688	-0.32%	11,025,394	10,989,472	-0.33%	10,115,947	10,084,295	-0.31%	11,869,108	11,818,041	-0.43%

Charging zone	April 2018			May 2018			June 2018			July 2018			August 2018		
	201804-M2	201804-M3	M3/M2	201805-M2	201805-M3	M3/M2	201806-M2	201806-M3	M3/M2	201807-M2	201807-M3	M3/M2	201808-M2	201808-M3	M3/M2
Portugal - Santa Maria	414,779	414,713	-0.02%	446,217	445,803	-0.09%	448,158	447,978	-0.04%	511,939	511,692	-0.05%	535,509	535,292	-0.04%
Belgium / Luxembourg	209,295	202,711	-3.15%	236,101	228,051	-3.41%	239,356	231,500	-3.28%	248,443	240,517	-3.19%	246,520	239,782	-2.73%
Germany	1,160,110	1,161,050	0.08%	1,328,903	1,329,357	0.03%	1,361,384	1,361,789	0.03%	1,443,816	1,445,616	0.12%	1,422,419	1,424,299	0.13%
Estonia	69,910	69,642	-0.38%	82,119	81,741	-0.46%	84,446	84,115	-0.39%	89,938	89,767	-0.19%	84,952	84,525	-0.50%
Finland	73,445	73,433	-0.02%	79,418	79,532	0.14%	76,608	76,666	0.08%	73,949	74,063	0.15%	79,443	79,600	0.20%
United Kingdom	947,771	949,963	0.23%	1,095,907	1,098,442	0.23%	1,135,552	1,137,771	0.20%	1,187,451	1,189,671	0.19%	1,186,988	1,190,164	0.27%
Netherlands	265,154	259,842	-2.00%	301,703	295,352	-2.10%	307,862	301,733	-1.99%	323,433	317,338	-1.88%	314,356	308,775	-1.78%
Ireland	358,382	355,983	-0.67%	408,589	405,915	-0.65%	438,695	435,900	-0.64%	453,424	449,979	-0.76%	445,773	441,807	-0.89%
Denmark	133,492	125,873	-5.71%	145,837	137,652	-5.61%	152,014	143,455	-5.63%	159,610	150,177	-5.91%	154,662	145,515	-5.91%
Norway	194,695	194,882	0.10%	214,765	214,767	0.00%	220,824	220,676	-0.07%	224,683	224,779	0.04%	231,063	230,964	-0.04%
Poland	345,395	344,583	-0.24%	406,809	406,054	-0.19%	446,524	445,844	-0.15%	486,046	485,075	-0.20%	465,845	464,958	-0.19%
Sweden	300,987	298,499	-0.83%	335,346	332,114	-0.96%	336,244	333,532	-0.81%	338,628	334,984	-1.08%	340,871	337,931	-0.86%
Latvia	72,879	72,385	-0.68%	81,583	81,115	-0.57%	87,165	86,582	-0.67%	89,801	89,086	-0.80%	87,830	87,373	-0.52%
Lithuania	45,480	45,628	0.33%	53,625	53,764	0.26%	58,680	58,882	0.34%	60,297	60,470	0.29%	59,020	59,239	0.37%
Spain - Canary Islands	132,870	132,949	0.06%	131,200	131,732	0.41%	134,203	134,376	0.13%	150,089	150,173	0.06%	152,463	152,517	0.04%
Albania	33,917	32,885	-3.04%	44,085	43,034	-2.38%	52,561	52,046	-0.98%	58,551	57,782	-1.31%	60,166	59,192	-1.62%
Bulgaria	285,864	285,562	-0.11%	332,434	331,518	-0.28%	365,245	363,066	-0.60%	407,855	405,501	-0.58%	407,697	406,031	-0.41%
Cyprus	148,723	147,320	-0.94%	155,336	153,771	-1.01%	165,904	164,623	-0.77%	191,911	190,731	-0.61%	202,369	201,382	-0.49%
Croatia	141,936	141,557	-0.27%	186,993	187,775	0.42%	210,077	211,032	0.45%	237,818	238,553	0.31%	239,930	240,009	0.03%
Spain - Continental	883,405	884,594	0.13%	963,489	964,461	0.10%	1,014,724	1,016,314	0.16%	1,113,866	1,115,170	0.12%	1,114,416	1,115,625	0.11%
France	1,698,693	1,702,405	0.22%	1,904,405	1,911,575	0.38%	2,017,741	2,024,719	0.35%	2,208,967	2,215,805	0.31%	2,180,121	2,185,529	0.25%
Greece	392,163	392,215	0.01%	505,769	505,835	0.01%	575,797	575,991	0.03%	670,096	670,022	-0.01%	687,099	687,096	0.00%
Hungary	231,994	229,429	-1.11%	277,185	273,557	-1.31%	309,749	305,330	-1.43%	347,237	342,602	-1.33%	347,003	342,734	-1.23%
Italy	710,550	711,955	0.20%	844,450	845,382	0.11%	932,158	933,368	0.13%	1,059,366	1,060,527	0.11%	1,074,070	1,075,250	0.11%
Slovenia	40,296	39,724	-1.42%	53,747	52,937	-1.51%	58,676	57,419	-2.14%	67,353	66,081	-1.89%	65,467	64,498	-1.48%
Czech Republic	228,885	226,781	-0.92%	267,707	264,665	-1.14%	279,878	277,043	-1.01%	308,772	304,997	-1.22%	304,135	300,946	-1.05%
Malta	78,463	76,644	-2.32%	89,920	88,055	-2.07%	87,282	85,685	-1.83%	75,037	73,118	-2.56%	86,987	84,626	-2.71%
Austria	235,046	233,982	-0.45%	282,468	281,723	-0.26%	300,546	300,118	-0.14%	331,265	330,524	-0.22%	329,185	328,533	-0.20%
Portugal - Lisbon	306,475	304,397	-0.68%	314,842	312,788	-0.65%	324,111	321,496	-0.81%	353,207	350,821	-0.68%	351,720	349,402	-0.66%
Bosnia-Herzegovina	78,005	77,569	-0.56%	101,373	100,575	-0.79%	110,480	110,506	0.02%	123,161	123,268	0.09%	125,236	125,638	0.32%
Romania	371,688	370,841	-0.23%	430,305	430,144	-0.04%	480,516	480,842	0.07%	527,281	527,898	0.12%	526,014	526,371	0.07%
Switzerland	135,148	131,203	-2.92%	157,318	151,632	-3.61%	169,763	163,438	-3.73%	183,080	176,024	-3.85%	179,143	172,334	-3.80%
Turkey	1,304,066	1,302,465	-0.12%	1,458,324	1,456,347	-0.14%	1,569,425	1,567,103	-0.15%	1,708,233	1,706,396	-0.11%	1,727,919	1,725,980	-0.11%
Moldova	6,001	6,025	0.41%	7,252	7,367	1.58%	9,562	9,710	1.54%	9,831	10,087	2.61%	9,649	9,756	1.11%
North Macedonia	21,257	20,087	-5.50%	33,067	32,056	-3.06%	39,185	38,369	-2.08%	44,780	43,411	-3.06%	45,438	43,754	-3.71%
Serbia & Montenegro	168,343	168,633	0.17%	226,051	225,817	-0.10%	259,780	258,905	-0.34%	304,265	302,317	-0.64%	304,371	302,459	-0.63%
Slovakia	92,525	92,750	0.24%	113,656	114,414	0.67%	128,776	129,498	0.56%	142,567	143,332	0.54%	142,422	142,752	0.23%
Armenia	16,315	16,134	-1.10%	18,802	18,503	-1.59%	20,046	19,601	-2.22%	23,436	23,130	-1.30%	22,740	22,412	-1.44%
Georgia	63,492	63,390	-0.16%	66,560	66,232	-0.49%	67,761	67,438	-0.48%	73,920	73,832	-0.12%	72,985	72,962	-0.03%
All zones	12,397,895	12,360,684	-0.30%	14,183,659	14,141,552	-0.30%	15,077,457	15,034,459	-0.29%	16,413,401	16,365,315	-0.29%	16,413,993	16,368,011	-0.28%

Charging zone	September 2018			October 2018			November 2018			December 2018			January 2019		
	201809-M2	201809-M3	M3/M2	201810-M2	201810-M3	M3/M2	201811-M2	201811-M3	M3/M2	201812-M2	201812-M3	M3/M2	201901-M2	201901-M3	M3/M2
Portugal - Santa Maria	458,791	458,617	-0.04%	453,658	452,676	-0.22%	409,103	408,028	-0.26%	436,812	435,649	-0.27%	399,623	398,083	-0.39%
Belgium / Luxembourg	234,325	227,578	-2.88%	234,004	227,066	-2.97%	196,222	191,105	-2.61%	200,133	195,111	-2.51%	174,593	170,358	-2.43%
Germany	1,380,395	1,380,837	0.03%	1,370,223	1,372,194	0.14%	1,120,671	1,123,275	0.23%	1,105,772	1,109,019	0.29%	983,070	985,864	0.28%
Estonia	81,471	81,106	-0.45%	77,171	76,851	-0.42%	67,367	67,137	-0.34%	74,013	73,705	-0.42%	63,052	62,858	-0.31%
Finland	77,771	77,943	0.22%	80,053	80,096	0.05%	77,570	77,591	0.03%	82,677	82,705	0.03%	76,436	76,450	0.02%
United Kingdom	1,117,800	1,119,840	0.18%	1,082,279	1,083,132	0.08%	886,132	886,626	0.06%	899,717	900,532	0.09%	786,795	786,922	0.02%
Netherlands	301,106	295,663	-1.81%	298,307	293,696	-1.55%	255,327	251,103	-1.65%	255,520	249,970	-2.17%	225,077	221,181	-1.73%
Ireland	420,889	417,434	-0.82%	394,909	392,549	-0.60%	320,221	318,770	-0.45%	333,166	330,747	-0.73%	284,450	283,481	-0.34%
Denmark	149,647	141,225	-5.63%	154,160	144,969	-5.96%	134,028	126,025	-5.97%	131,656	123,359	-6.30%	116,663	109,275	-6.33%
Norway	221,713	221,524	-0.09%	225,171	225,588	0.19%	194,454	194,408	-0.02%	197,892	197,590	-0.15%	171,553	171,480	-0.04%
Poland	441,715	441,016	-0.16%	407,991	407,021	-0.24%	335,989	335,232	-0.23%	344,139	343,325	-0.24%	308,075	307,505	-0.18%
Sweden	332,495	329,677	-0.85%	334,263	331,729	-0.76%	299,102	297,113	-0.66%	304,573	302,962	-0.53%	267,753	266,400	-0.51%
Latvia	84,333	83,853	-0.57%	82,132	81,653	-0.58%	71,836	71,268	-0.79%	72,843	72,227	-0.85%	65,405	64,852	-0.85%
Lithuania	56,343	56,504	0.29%	52,753	52,940	0.35%	43,679	43,858	0.41%	44,003	44,108	0.24%	38,679	38,779	0.26%
Spain - Canary Islands	148,216	148,219	0.00%	157,106	157,446	0.22%	161,495	161,818	0.20%	171,296	171,702	0.24%	151,948	152,500	0.36%
Albania	52,736	51,986	-1.42%	43,199	42,317	-2.04%	27,338	26,438	-3.29%	28,534	27,605	-3.26%	24,202	23,422	-3.22%
Bulgaria	377,404	375,979	-0.38%	355,262	353,933	-0.37%	286,058	285,421	-0.22%	294,919	294,188	-0.25%	258,690	257,884	-0.31%
Cyprus	169,539	168,882	-0.39%	162,750	161,594	-0.71%	141,008	139,856	-0.82%	140,825	139,493	-0.95%	124,763	123,467	-1.04%
Croatia	216,154	216,321	0.08%	189,093	188,378	-0.38%	117,261	116,877	-0.33%	123,307	123,629	0.26%	102,420	102,720	0.29%
Spain - Continental	1,041,784	1,042,530	0.07%	1,020,372	1,020,924	0.05%	807,054	807,900	0.10%	814,989	816,320	0.16%	699,771	700,721	0.14%
France	2,052,489	2,057,300	0.23%	1,965,415	1,969,777	0.22%	1,469,133	1,471,190	0.14%	1,504,184	1,507,021	0.19%	1,298,516	1,300,788	0.17%
Greece	582,850	583,093	0.04%	506,659	506,771	0.02%	342,570	342,435	-0.04%	345,742	345,733	0.00%	298,908	299,152	0.08%
Hungary	316,393	312,223	-1.32%	285,671	282,332	-1.17%	229,209	226,386	-1.23%	226,277	223,582	-1.19%	205,594	203,202	-1.16%
Italy	943,361	945,010	0.17%	842,143	844,106	0.23%	621,441	622,509	0.17%	633,520	634,503	0.16%	543,613	544,158	0.10%
Slovenia	60,613	59,784	-1.37%	54,554	53,744	-1.49%	34,677	34,249	-1.23%	37,580	37,088	-1.31%	32,348	31,966	-1.18%
Czech Republic	279,735	277,574	-0.77%	265,655	262,796	-1.08%	224,877	222,577	-1.02%	224,949	221,973	-1.32%	203,169	200,586	-1.27%
Malta	72,662	70,745	-2.64%	66,517	64,012	-3.77%	70,288	68,406	-2.68%	78,092	76,317	-2.27%	63,748	62,136	-2.53%
Austria	311,980	311,240	-0.24%	299,958	299,289	-0.22%	227,578	226,412	-0.51%	228,585	227,604	-0.43%	201,837	200,684	-0.57%
Portugal - Lisbon	331,211	328,828	-0.72%	330,556	328,813	-0.53%	300,767	299,276	-0.50%	313,792	311,702	-0.67%	288,593	286,959	-0.57%
Bosnia-Herzegovina	115,949	116,020	0.06%	105,476	105,054	-0.40%	65,888	65,410	-0.73%	68,910	67,750	-1.68%	64,688	63,565	-1.73%
Romania	479,165	479,671	0.11%	431,457	432,328	0.20%	378,551	378,428	-0.03%	371,319	371,499	0.05%	349,393	349,922	0.15%
Switzerland	173,604	167,388	-3.58%	162,586	156,546	-3.71%	119,075	114,938	-3.47%	117,717	113,757	-3.36%	99,124	95,873	-3.28%
Turkey	1,605,620	1,603,211	-0.15%	1,542,169	1,540,880	-0.08%	1,306,765	1,304,851	-0.15%	1,322,539	1,320,345	-0.17%	1,206,212	1,203,895	-0.19%
Moldova	8,637	8,763	1.46%	7,542	7,605	0.84%	5,283	5,342	1.13%	5,392	5,437	0.82%	4,499	4,528	0.64%
North Macedonia	39,700	38,286	-3.56%	33,369	32,056	-3.93%	17,343	16,325	-5.87%	16,913	15,660	-7.40%	15,662	14,605	-6.75%
Serbia & Montenegro	271,761	270,769	-0.36%	246,409	246,060	-0.14%	155,470	155,441	-0.02%	163,305	163,286	-0.01%	130,694	130,671	-0.02%
Slovakia	128,570	128,872	0.23%	110,131	110,699	0.52%	88,894	89,292	0.45%	88,522	89,003	0.54%	81,297	81,525	0.28%
Armenia	18,055	17,770	-1.58%	17,826	17,559	-1.50%	18,238	17,935	-1.66%	19,928	19,477	-2.26%	17,230	16,887	-1.99%
Georgia	68,807	68,571	-0.34%	65,091	65,028	-0.10%	67,494	67,346	-0.22%	68,507	68,254	-0.37%	61,528	61,425	-0.17%
All zones	15,225,790	15,181,852	-0.29%	14,514,036	14,472,209	-0.29%	11,695,457	11,658,600	-0.32%	11,892,560	11,853,939	-0.32%	10,489,676	10,456,730	-0.31%

Charging zone	February 2019			March 2019			April 2019			May 2019			Average
	201902-M2	201902-M3	M3/M2	201903-M2	201903-M3	M3/M2	201904-M2	201904-M3	M3/M2	201905-M2	201905-M3	M3/M2	Nov.2017-May 2019
Portugal - Santa Maria	378,355	377,394	-0.25%	438,927	437,697	-0.28%	420,480	419,621	-0.20%	436,751	435,756	-0.23%	-0.16%
Belgium / Luxembourg	182,095	177,527	-2.51%	205,390	199,879	-2.68%	211,851	205,304	-3.09%	226,971	220,210	-2.98%	-2.98%
Germany	1,013,716	1,015,770	0.20%	1,170,032	1,173,285	0.28%	1,207,672	1,210,408	0.23%	1,350,482	1,353,411	0.22%	0.18%
Estonia	61,875	61,716	-0.26%	72,478	72,239	-0.33%	73,331	73,062	-0.37%	81,488	81,078	-0.50%	-0.43%
Finland	76,987	76,933	-0.07%	87,477	87,495	0.02%	78,552	78,545	-0.01%	84,803	84,856	0.06%	0.07%
United Kingdom	818,494	818,946	0.06%	951,272	951,670	0.04%	990,773	990,795	0.00%	1,110,177	1,110,575	0.04%	0.14%
Netherlands	231,516	227,347	-1.80%	263,801	259,307	-1.70%	266,030	261,797	-1.59%	301,396	295,892	-1.83%	-1.90%
Ireland	300,842	298,662	-0.72%	340,108	338,076	-0.60%	376,802	374,835	-0.52%	441,718	438,164	-0.80%	-0.69%
Denmark	121,013	113,573	-6.15%	142,507	133,726	-6.16%	138,766	131,462	-5.26%	151,775	143,497	-5.45%	-5.78%
Norway	171,086	170,863	-0.13%	199,128	198,758	-0.19%	181,233	181,162	-0.04%	206,350	206,195	-0.08%	-0.07%
Poland	297,062	296,469	-0.20%	334,600	334,095	-0.15%	361,885	361,740	-0.04%	425,321	424,550	-0.18%	-0.22%
Sweden	274,895	273,677	-0.44%	314,635	313,132	-0.48%	298,498	295,367	-1.05%	333,365	330,463	-0.87%	-0.77%
Latvia	66,283	65,623	-1.00%	74,380	73,884	-0.67%	76,457	75,815	-0.84%	85,816	85,340	-0.56%	-0.69%
Lithuania	37,444	37,570	0.34%	43,185	43,367	0.42%	47,219	47,392	0.37%	55,351	55,525	0.31%	0.30%
Spain - Canary Islands	152,003	152,231	0.15%	170,539	171,021	0.28%	155,934	156,164	0.15%	149,803	150,135	0.22%	0.17%
Albania	24,906	24,311	-2.39%	30,454	29,773	-2.24%	35,454	34,655	-2.25%	46,506	45,751	-1.62%	-2.27%
Bulgaria	252,276	252,331	0.02%	291,760	291,484	-0.09%	303,689	303,639	-0.02%	333,324	332,421	-0.27%	-0.23%
Cyprus	124,322	123,148	-0.94%	148,579	147,383	-0.80%	164,817	163,341	-0.90%	170,143	168,811	-0.78%	-0.86%
Croatia	103,442	103,672	0.22%	122,975	123,152	0.14%	159,897	159,624	-0.17%	212,017	211,910	-0.05%	-0.04%
Spain - Continental	719,094	720,354	0.18%	841,493	842,692	0.14%	963,355	964,083	0.08%	1,007,884	1,008,726	0.08%	0.12%
France	1,349,411	1,351,895	0.18%	1,586,062	1,588,592	0.16%	1,751,924	1,754,515	0.15%	1,994,503	1,997,806	0.17%	0.22%
Greece	302,391	302,672	0.09%	361,929	362,955	0.28%	433,253	433,715	0.11%	530,708	530,747	0.01%	0.02%
Hungary	203,426	201,350	-1.02%	237,638	235,420	-0.93%	247,751	244,966	-1.12%	262,796	259,951	-1.08%	-1.16%
Italy	551,788	552,575	0.14%	649,086	650,043	0.15%	774,990	776,702	0.22%	884,569	886,274	0.19%	0.15%
Slovenia	31,776	31,411	-1.15%	37,331	36,798	-1.43%	49,311	48,680	-1.28%	63,679	62,950	-1.14%	-1.41%
Czech Republic	199,920	197,856	-1.03%	232,427	229,915	-1.08%	235,632	233,153	-1.05%	245,171	242,779	-0.98%	-1.11%
Malta	63,382	61,825	-2.46%	78,306	75,960	-3.00%	83,810	81,644	-2.58%	89,384	87,920	-1.64%	-2.36%
Austria	205,649	204,743	-0.44%	240,401	239,416	-0.41%	269,693	268,735	-0.36%	305,992	305,135	-0.28%	-0.42%
Portugal - Lisbon	284,363	282,646	-0.60%	329,133	327,313	-0.55%	336,102	334,188	-0.57%	329,157	327,504	-0.50%	-0.61%
Bosnia-Herzegovina	64,205	63,199	-1.57%	74,819	73,780	-1.39%	93,235	92,396	-0.90%	118,599	117,768	-0.70%	-0.52%
Romania	345,735	345,143	-0.17%	401,970	401,681	-0.07%	377,247	377,475	0.06%	395,500	396,909	0.36%	-0.05%
Switzerland	108,466	104,820	-3.36%	126,821	122,470	-3.43%	141,627	136,512	-3.61%	165,944	159,974	-3.60%	-3.45%
Turkey	1,200,253	1,197,951	-0.19%	1,425,898	1,423,487	-0.17%	1,389,653	1,386,472	-0.23%	1,458,005	1,454,882	-0.21%	-0.17%
Moldova	4,449	4,472	0.52%	5,554	5,574	0.35%	6,099	6,171	1.18%	7,560	7,507	-0.70%	1.06%
North Macedonia	16,489	15,715	-4.70%	19,120	18,175	-4.94%	27,811	26,685	-4.05%	40,198	39,011	-2.95%	-4.33%
Serbia & Montenegro	129,399	129,423	0.02%	150,064	150,131	0.04%	201,737	201,196	-0.27%	254,464	253,143	-0.52%	-0.18%
Slovakia	79,425	79,413	-0.02%	92,092	91,947	-0.16%	93,543	93,435	-0.12%	104,150	104,368	0.21%	0.24%
Armenia	17,689	17,356	-1.88%	21,681	21,350	-1.52%	14,422	14,216	-1.42%	12,293	12,142	-1.23%	-1.45%
Georgia	59,263	59,068	-0.33%	40,275	40,308	0.08%	37,860	37,875	0.04%	41,878	41,746	-0.31%	-0.27%
All zones	10,625,185	10,591,652	-0.32%	12,354,324	12,317,431	-0.30%	13,078,398	13,037,542	-0.31%	14,515,989	14,471,779	-0.30%	-0.31%

Charging zone	For information (past calculations)			
	STATFOR May fcst Nov.2017-Oct.2018	STATFOR Feb fcst Apr/Jul/Oct 2018	2016 3 weeks	2015 3 weeks
Portugal - Santa Maria	-0.10%	-0.09%	-0.10%	-0.17%
Belgium / Luxembourg	-3.13%	-3.10%	-4.16%	-3.98%
Germany	0.15%	0.12%	0.39%	0.46%
Estonia	-0.47%	-0.32%		
Finland	0.10%	0.06%	-0.04%	0.43%
United Kingdom	0.20%	0.16%	0.48%	0.45%
Netherlands	-1.97%	-1.81%	-1.73%	-1.85%
Ireland	-0.74%	-0.68%	-0.89%	-0.99%
Denmark	-5.70%	-5.87%	-6.47%	-6.98%
Norway	-0.05%	0.11%	-0.42%	-0.13%
Poland	-0.25%	-0.22%	-0.53%	-0.56%
Sweden	-0.83%	-0.89%	-0.84%	-1.15%
Latvia	-0.64%	-0.69%	-0.60%	-0.31%
Lithuania	0.28%	0.32%	0.20%	0.18%
Spain - Canary Islands	0.13%	0.11%	0.17%	0.09%
Albania	-2.16%	-1.98%	-3.05%	-2.05%
Bulgaria	-0.26%	-0.38%	-1.14%	-0.55%
Cyprus	-0.85%	-0.74%	-0.88%	-0.17%
Croatia	-0.07%	-0.06%	-2.17%	-1.49%
Spain - Continental	0.12%	0.10%	0.19%	0.12%
France	0.25%	0.25%	0.05%	-0.04%
Greece	-0.01%	0.01%	0.03%	0.01%
Hungary	-1.19%	-1.22%	-0.91%	-0.84%
Italy	0.14%	0.17%	0.23%	0.20%
Slovenia	-1.50%	-1.64%	-1.72%	-0.78%
Czech Republic	-1.11%	-1.09%	-1.33%	-0.98%
Malta	-2.31%	-2.84%	-1.07%	-0.77%
Austria	-0.41%	-0.29%	-0.61%	-0.96%
Portugal - Lisbon	-0.64%	-0.63%	-0.57%	-0.38%
Bosnia-Herzegovina	-0.18%	-0.24%	3.38%	2.39%
Romania	-0.10%	0.05%	0.32%	0.00%
Switzerland	-3.44%	-3.54%	-1.37%	-1.46%
Turkey	-0.16%	-0.10%	-0.04%	0.05%
Moldova	1.33%	1.47%	-0.59%	-0.19%
North Macedonia	-4.11%	-3.87%	-5.45%	-4.08%
Serbia & Montenegro	-0.19%	-0.28%	-0.30%	-0.10%
Slovakia	0.27%	0.45%	-0.01%	0.01%
Armenia	-1.28%	-1.31%	0.35%	1.13%
Georgia	-0.29%	-0.12%	-0.46%	-0.56%
All zones	-0.31%	-0.29%	-0.31%	-0.29%