

EUROCONTROL 5-Year Forecast 2020-2024

Detailed Forecasts

Edition: November 2020

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3. Scenario 3. Vaccine not effective: Lingering infection and low passenger confidence

[Region Definition Annex](#)

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Table 1. Summary of Forecast IFR Movements Per Traffic Zone (Thousands)

Nov-20

IFR Movements (Thousands)		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	AAGR 2020-2024 (vs 2019)	RP2 AAGR 2015-2019 (vs 2014)	RP3 AAGR 2020-2024 (vs 2019)
Albania	Sc1	.	.	.	.	.	.	96	161	205	228	247	2.3%	.	.
	Sc2	198	202	187	194	206	221	96	112	167	195	221	0.0%	.	.
	Sc3	.	.	.	.	.	.	96	109	131	154	174	-4.6%	.	.
Armenia	Sc1	.	.	.	.	.	.	24	38	53	59	65	-0.6%	.	.
	Sc2	51	42	39	55	68	67	24	28	43	50	58	-2.8%	.	.
	Sc3	.	.	.	.	.	.	24	27	34	40	46	-7.2%	.	.
Austria	Sc1	.	.	.	.	.	.	585	998	1,230	1,340	1,436	1.0%	.	1.0%
	Sc2	1,152	1,168	1,174	1,232	1,301	1,365	583	689	1,003	1,151	1,295	-1.0%	3.4%	-1.0%
	Sc3	.	.	.	.	.	.	583	672	795	920	1,033	-5.4%	.	-5.4%
Azerbaijan	Sc1	.	.	.	.	.	.	73	114	147	161	175	4.1%	.	.
	Sc2	127	129	135	142	152	143	72	83	123	141	159	2.2%	.	.
	Sc3	.	.	.	.	.	.	72	81	100	116	131	-1.7%	.	.
Belarus	Sc1	.	.	.	.	.	.	143	210	312	336	354	1.5%	.	.
	Sc2	269	263	278	293	319	329	143	161	262	294	328	-0.1%	.	.
	Sc3	.	.	.	.	.	.	143	159	215	244	271	-3.8%	.	.
Belgium/Luxembourg	Sc1	.	.	.	.	.	.	531	878	1,063	1,158	1,236	-0.2%	.	-0.2%
	Sc2	1,133	1,165	1,188	1,240	1,275	1,249	529	621	880	1,005	1,126	-2.1%	2.0%	-2.1%
	Sc3	.	.	.	.	.	.	529	607	713	820	914	-6.0%	.	-6.0%
Bosnia and Herzegovina	Sc1	.	.	.	.	.	.	181	309	389	431	466	1.5%	.	.
	Sc2	298	311	319	359	389	432	180	212	317	368	418	-0.7%	.	.
	Sc3	.	.	.	.	.	.	180	207	248	291	329	-5.3%	.	.
Bulgaria	Sc1	.	.	.	.	.	.	357	580	737	817	885	0.1%	.	0.1%
	Sc2	683	767	758	783	871	879	356	407	604	701	799	-1.9%	5.2%	-1.9%
	Sc3	.	.	.	.	.	.	355	399	479	561	635	-6.3%	.	-6.3%
Canary Islands	Sc1	.	.	.	.	.	.	159	261	316	346	372	0.8%	.	0.8%
	Sc2	284	281	310	333	356	358	156	185	260	299	338	-1.1%	4.8%	-1.1%
	Sc3	.	.	.	.	.	.	156	181	211	245	275	-5.1%	.	-5.1%
Croatia	Sc1	.	.	.	.	.	.	294	506	635	702	758	1.2%	.	1.2%
	Sc2	520	535	540	587	647	714	293	347	517	599	680	-1.0%	6.6%	-1.0%
	Sc3	.	.	.	.	.	.	293	339	406	475	537	-5.5%	.	-5.5%
Cyprus	Sc1	.	.	.	.	.	.	166	253	340	387	430	0.9%	.	0.9%
	Sc2	304	319	322	360	394	411	166	183	282	331	381	-1.5%	6.2%	-1.5%
	Sc3	.	.	.	.	.	.	166	180	221	262	299	-6.2%	.	-6.2%
Czech Republic	Sc1	.	.	.	.	.	.	346	581	719	781	834	-0.8%	.	-0.8%
	Sc2	700	746	797	817	877	867	344	403	587	672	755	-2.7%	4.4%	-2.7%
	Sc3	.	.	.	.	.	.	343	394	467	540	605	-6.9%	.	-6.9%
Denmark	Sc1	.	.	.	.	.	.	279	459	553	599	636	-1.0%	.	-1.0%
	Sc2	619	626	640	647	670	669	277	319	455	518	582	-2.8%	1.6%	-2.8%
	Sc3	.	.	.	.	.	.	276	312	364	419	469	-6.9%	.	-6.9%
Estonia	Sc1	.	.	.	.	.	.	95	151	192	207	220	-0.8%	.	-0.8%
	Sc2	191	194	200	215	232	229	95	108	159	180	201	-2.5%	3.6%	-2.5%
	Sc3	95	106	129	148	164	-6.4%	.	-6.4%

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Three Scenarios for Recovery from COVID-19

Finland	Sc1	117	198	238	257	274	-0.8%	.	-0.8%
	Sc2	248	248	247	263	283	285	115	133	191	219	246	-2.9%	2.9%	-2.9%
	Sc3	.	.	.	.	.	.	114	129	152	176	197	-7.2%	.	-7.2%
France	Sc1	.	.	.	.	.	.	1,394	2,353	2,875	3,147	3,374	0.0%	.	0.0%
	Sc2	2,947	2,992	3,124	3,241	3,328	3,372	1,369	1,638	2,351	2,701	3,042	-2.0%	2.7%	-2.0%
	Sc3	.	.	.	.	.	.	1,365	1,597	1,883	2,178	2,443	-6.2%	.	-6.2%
Georgia	Sc1	.	.	.	.	.	.	64	110	142	158	173	4.5%	.	.
	Sc2	116	122	126	142	153	138	64	75	115	135	156	2.5%	.	.
	Sc3	.	.	.	.	.	.	64	74	90	107	124	-2.2%	.	.
Germany	Sc1	.	.	.	.	.	.	1,456	2,417	2,918	3,154	3,356	-0.2%	.	-0.2%
	Sc2	3,030	3,080	3,146	3,259	3,404	3,394	1,439	1,678	2,387	2,714	3,037	-2.2%	2.3%	-2.2%
	Sc3	.	.	.	.	.	.	1,436	1,637	1,911	2,192	2,445	-6.4%	.	-6.4%
Greece	Sc1	.	.	.	.	.	.	388	623	788	874	944	1.3%	.	1.3%
	Sc2	678	713	700	745	832	884	383	437	645	746	841	-1.0%	5.5%	-1.0%
	Sc3	.	.	.	.	.	.	382	427	509	592	665	-5.5%	.	-5.5%
Hungary	Sc1	.	.	.	.	.	.	369	614	770	846	911	0.4%	.	0.4%
	Sc2	670	744	776	822	904	892	368	428	629	726	823	-1.6%	5.9%	-1.6%
	Sc3	.	.	.	.	.	.	368	418	499	582	655	-6.0%	.	-6.0%
Iceland	Sc1	.	.	.	.	.	.	81	127	166	187	202	0.7%	.	.
	Sc2	145	160	180	200	211	195	80	90	143	165	186	-1.0%	.	.
	Sc3	.	.	.	.	.	.	80	89	119	138	155	-4.5%	.	.
Ireland	Sc1	.	.	.	.	.	.	252	424	538	599	644	-0.1%	.	-0.1%
	Sc2	537	566	610	621	635	647	251	286	449	518	586	-2.0%	3.8%	-2.0%
	Sc3	.	.	.	.	.	.	251	281	358	417	469	-6.2%	.	-6.2%
Israel	Sc1	.	.	.	.	.	.	68	123	158	179	201	-0.4%	.	.
	Sc2	122	131	144	171	197	205	67	81	126	151	179	-2.7%	.	.
	Sc3	.	.	.	.	.	.	67	78	96	118	139	-7.5%	.	.
Italy	Sc1	.	.	.	.	.	.	796	1,365	1,705	1,874	2,013	0.5%	.	0.5%
	Sc2	1,680	1,696	1,734	1,786	1,880	1,962	782	948	1,389	1,602	1,807	-1.6%	3.2%	-1.6%
	Sc3	.	.	.	.	.	.	779	924	1,105	1,284	1,444	-6.0%	.	-6.0%
Latvia	Sc1	.	.	.	.	.	.	127	203	262	283	299	0.1%	.	0.1%
	Sc2	243	244	246	268	290	298	126	145	217	245	274	-1.7%	4.2%	-1.7%
	Sc3	.	.	.	.	.	.	126	142	175	200	223	-5.7%	.	-5.7%
Lisbon FIR	Sc1	.	.	.	.	.	.	251	446	564	626	673	0.7%	.	0.7%
	Sc2	480	505	559	613	634	651	249	306	461	539	611	-1.3%	6.3%	-1.3%
	Sc3	.	.	.	.	.	.	248	298	368	434	490	-5.5%	.	-5.5%
Lithuania	Sc1	.	.	.	.	.	.	139	211	275	295	311	0.5%	.	0.5%
	Sc2	257	260	261	277	301	303	139	156	230	259	287	-1.1%	3.3%	-1.1%
	Sc3	.	.	.	.	.	.	138	154	189	214	237	-4.8%	.	-4.8%
Malta	Sc1	.	.	.	.	.	.	52	81	107	121	133	0.4%	.	0.4%
	Sc2	102	102	110	116	125	130	52	58	89	104	118	-2.0%	5.1%	-2.0%
	Sc3	.	.	.	.	.	.	52	57	69	81	92	-6.7%	.	-6.7%
Moldova	Sc1	.	.	.	.	.	.	23	38	51	57	62	2.2%	.	.
	Sc2	56	45	42	50	55	55	23	27	42	49	56	0.1%	.	.
	Sc3	.	.	.	.	.	.	23	27	33	39	44	-4.5%	.	.
Morocco	Sc1	161	294	363	403	439	-0.2%	.	.
	Sc2	359	361	383	411	431	443	159	196	292	343	395	-2.3%	.	.
	Sc3	159	190	228	271	312	-6.8%	.	.

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Three Scenarios for Recovery from COVID-19

Netherlands	Sc1	562	940	1,139	1,234	1,312	-0.3%	.	-0.3%
	Sc2	1,138	1,176	1,241	1,287	1,329	1,332	560	650	938	1,070	1,196	-2.1%	3.2%	-2.1%
	Sc3	.	.	.	.	.	.	560	635	755	868	969	-6.2%	.	-6.2%
North Macedonia	Sc1	.	.	.	.	.	.	97	165	206	228	247	2.1%	.	.
	Sc2	146	152	146	171	193	223	97	113	168	195	222	-0.1%	.	.
	Sc3	.	.	.	.	.	.	97	111	132	155	175	-4.7%	.	.
Norway	Sc1	.	.	.	.	.	.	346	510	587	624	652	2.0%	.	2.0%
	Sc2	619	603	599	591	594	591	328	363	459	503	548	-1.5%	-0.9%	-1.5%
	Sc3	.	.	.	.	.	.	324	361	396	428	459	-5.0%	.	-5.0%
Poland	Sc1	.	.	.	.	.	.	389	633	807	872	927	0.3%	.	0.3%
	Sc2	702	699	755	793	872	912	386	447	665	759	847	-1.5%	5.4%	-1.5%
	Sc3	.	.	.	.	.	.	386	437	533	614	687	-5.5%	.	-5.5%
Romania	Sc1	.	.	.	.	.	.	308	496	628	693	750	0.1%	.	0.1%
	Sc2	598	635	621	673	738	747	306	350	515	596	677	-2.0%	4.5%	-2.0%
	Sc3	.	.	.	.	.	.	306	343	410	479	540	-6.3%	.	-6.3%
Santa Maria FIR	Sc1	.	.	.	.	.	.	70	106	141	163	177	1.2%	.	1.2%
	Sc2	125	136	151	162	167	167	69	79	123	146	165	-0.3%	6.1%	-0.3%
	Sc3	.	.	.	.	.	.	69	78	103	121	136	-4.1%	.	-4.1%
Serbia/Montenegro	Sc1	.	.	.	.	.	.	322	548	688	761	822	1.5%	.	.
	Sc2	554	605	619	654	716	764	321	376	559	649	738	-0.7%	.	.
	Sc3	.	.	.	.	.	.	321	367	439	514	582	-5.3%	.	.
Slovakia	Sc1	.	.	.	.	.	.	214	345	442	484	520	-1.5%	.	-1.5%
	Sc2	436	468	498	515	567	562	213	245	363	418	471	-3.5%	5.2%	-3.5%
	Sc3	.	.	.	.	.	.	213	240	290	337	378	-7.6%	.	-7.6%
Slovenia	Sc1	.	.	.	.	.	.	193	331	412	454	489	1.3%	.	1.3%
	Sc2	348	347	353	386	423	460	193	227	335	388	440	-0.9%	5.7%	-0.9%
	Sc3	.	.	.	.	.	.	193	222	264	308	348	-5.4%	.	-5.4%
Spain	Sc1	.	.	.	.	.	.	757	1,355	1,699	1,887	2,045	0.3%	.	0.3%
	Sc2	1,587	1,640	1,766	1,880	1,970	2,018	746	924	1,377	1,612	1,841	-1.8%	4.9%	-1.8%
	Sc3	.	.	.	.	.	.	744	899	1,090	1,287	1,464	-6.2%	.	-6.2%
Sweden	Sc1	.	.	.	.	.	.	350	583	703	761	810	-0.3%	.	-0.3%
	Sc2	739	751	767	808	831	823	344	399	572	653	734	-2.3%	2.2%	-2.3%
	Sc3	.	.	.	.	.	.	343	389	456	526	589	-6.5%	.	-6.5%
Switzerland	Sc1	.	.	.	.	.	.	484	822	997	1,082	1,156	-0.4%	.	-0.4%
	Sc2	1,033	1,046	1,069	1,110	1,167	1,177	481	575	820	934	1,049	-2.3%	2.6%	-2.3%
	Sc3	.	.	.	.	.	.	481	562	658	756	845	-6.4%	.	-6.4%
Turkey	Sc1	.	.	.	.	.	.	681	1,091	1,394	1,552	1,689	1.8%	.	.
	Sc2	1,269	1,356	1,336	1,416	1,531	1,547	659	760	1,126	1,322	1,525	-0.3%	.	.
	Sc3	.	.	.	.	.	.	655	741	892	1,057	1,213	-4.8%	.	.
UK	Sc1	.	.	.	.	.	.	1,027	1,763	2,162	2,361	2,521	-0.5%	.	-0.5%
	Sc2	2,269	2,322	2,449	2,534	2,558	2,580	1,013	1,197	1,766	2,024	2,276	-2.5%	2.6%	-2.5%
	Sc3	.	.	.	.	.	.	1,010	1,168	1,408	1,628	1,823	-6.7%	.	-6.7%
Ukraine	Sc1	.	.	.	.	.	.	132	216	279	312	340	2.1%	.	.
	Sc2	320	213	195	232	274	306	131	152	229	267	306	0.0%	.	.
	Sc3	.	.	.	.	.	.	131	149	181	213	244	-4.5%	.	.
ECAC	Sc1	.	.	.	.	.	.	4,973	8,052	9,814	10,685	11,411	0.6%	.	0.6%
	Sc2	9,770	9,923	10,197	10,604	11,002	11,085	4,837	5,642	8,004	9,136	10,248	-1.6%	2.6%	-1.6%
	Sc3	4,811	5,507	6,470	7,428	8,293	-5.6%	.	-5.6%

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Three Scenarios for Recovery from COVID-19

ESRA08	Sc1	4,866	7,900	9,612	10,465	11,176	0.6%	.	0.6%
	Sc2	9,604	9,752	10,014	10,393	10,770	10,860	4,732	5,525	7,831	8,942	10,033	-1.6%	2.5%	-1.6%
	Sc3	.	.	.	.	.	.	4,706	5,392	6,324	7,262	8,110	-5.7%	.	-5.7%
EU28	Sc1	.	.	.	.	.	.	4,389	7,178	8,751	9,533	10,184	0.2%	.	0.2%
	Sc2	8,797	8,934	9,207	9,559	9,935	10,058	4,293	5,026	7,171	8,189	9,181	-1.8%	2.7%	-1.8%
	Sc3	.	.	.	.	.	.	4,275	4,901	5,775	6,640	7,414	-5.9%	.	-5.9%
EU27	Sc1	.	.	.	.	.	.	4,221	6,910	8,440	9,203	9,839	0.3%	.	.
	Sc2	.	.	.	.	.	9,711	4,136	4,844	6,924	7,914	8,878	-1.8%	.	.
	Sc3	.	.	.	.	.	.	4,120	4,726	5,575	6,416	7,169	-5.9%	.	.
RP2 Region	Sc1	.	.	.	.	.	.	4,596	7,460	9,059	9,852	10,511	0.3%	.	0.3%
	Sc2	9,114	9,243	9,507	9,850	10,217	10,335	4,483	5,230	7,399	8,428	9,432	-1.8%	2.5%	-1.8%
	Sc3	.	.	.	.	.	.	4,461	5,107	5,984	6,853	7,633	-5.9%	.	-5.9%



Table 2. Summary of Forecast IFR Movements Growth Per Traffic Zone

Nov-20

IFR Movements (Growth)		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	AAGR 2020-2024 (vs 2019)	RP2 AAGR 2015-2019 (vs 2014)	RP3 AAGR 2020-2024 (vs 2019)
Albania	Sc1	.	.	.	.	.	.	-57%	68%	27%	11%	8.4%	2.3%	.	.
	Sc2	-1.1%	1.8%	-7.5%	3.8%	6.1%	7.3%	-57%	16%	50%	16%	14%	0.0%	.	.
	Sc3	.	.	.	.	.	.	-57%	14%	20%	17%	13%	-4.6%	.	.
Armenia	Sc1	.	.	.	.	.	.	-64%	58%	39%	12%	10%	-0.6%	.	.
	Sc2	-3.4%	-17%	-7.6%	40%	24%	-1.3%	-64%	15%	56%	17%	16%	-2.8%	.	.
	Sc3	.	.	.	.	.	.	-64%	13%	24%	19%	15%	-7.2%	.	.
Austria	Sc1	.	.	.	.	.	.	-57%	71%	23%	9.0%	7.1%	1.0%	.	1.0%
	Sc2	3.4%	1.4%	0.6%	4.9%	5.6%	4.9%	-57%	18%	46%	15%	13%	-1.0%	3.4%	-1.0%
	Sc3	.	.	.	.	.	.	-57%	15%	18%	16%	12%	-5.4%	.	-5.4%
Azerbaijan	Sc1	.	.	.	.	.	.	-49%	57%	29%	9.7%	8.4%	4.1%	.	.
	Sc2	-1.2%	1.4%	5.1%	4.6%	7.0%	-5.6%	-49%	14%	48%	15%	13%	2.2%	.	.
	Sc3	.	.	.	.	.	.	-49%	12%	24%	16%	13%	-1.7%	.	.
Belarus	Sc1	.	.	.	.	.	.	-56%	46%	49%	7.7%	5.4%	1.5%	.	.
	Sc2	5.6%	-2.2%	5.5%	5.4%	9.1%	3.0%	-56%	12%	63%	13%	11%	-0.1%	.	.
	Sc3	.	.	.	.	.	.	-56%	11%	35%	14%	11%	-3.8%	.	.
Belgium/Luxembourg	Sc1	.	.	.	.	.	.	-57%	65%	21%	8.9%	6.8%	-0.2%	.	-0.2%
	Sc2	2.9%	2.8%	2.0%	4.4%	2.9%	-2.1%	-58%	17%	42%	14%	12%	-2.1%	2.0%	-2.1%
	Sc3	.	.	.	.	.	.	-58%	15%	17%	15%	11%	-6.0%	.	-6.0%
Bosnia and Herzegovina	Sc1	.	.	.	.	.	.	-58%	71%	26%	11%	8.2%	1.5%	.	.
	Sc2	14.0%	4.2%	2.6%	13.0%	8.3%	11%	-58%	18%	49%	16%	14%	-0.7%	.	.
	Sc3	.	.	.	.	.	.	-58%	15%	20%	17%	13%	-5.3%	.	.
Bulgaria	Sc1	.	.	.	.	.	.	-59%	63%	27%	11%	8.4%	0.1%	.	0.1%
	Sc2	24.0%	12%	-1.2%	3.4%	11%	0.9%	-60%	15%	48%	16%	14%	-1.9%	5.2%	-1.9%
	Sc3	.	.	.	.	.	.	-60%	12%	20%	17%	13%	-6.3%	.	-6.3%
Canary Islands	Sc1	.	.	.	.	.	.	-56%	65%	21%	9.6%	7.4%	0.8%	.	0.8%
	Sc2	6.9%	-0.9%	11.0%	7.1%	6.9%	0.6%	-56%	19%	40%	15%	13%	-1.1%	4.8%	-1.1%
	Sc3	.	.	.	.	.	.	-56%	16%	17%	16%	12%	-5.1%	.	-5.1%
Croatia	Sc1	.	.	.	.	.	.	-59%	72%	26%	10%	8.0%	1.2%	.	1.2%
	Sc2	5.5%	3.0%	0.9%	8.7%	10%	10%	-59%	19%	49%	16%	14%	-1.0%	6.6%	-1.0%
	Sc3	.	.	.	.	.	.	-59%	16%	20%	17%	13%	-5.5%	.	-5.5%
Cyprus	Sc1	.	.	.	.	.	.	-60%	52%	34%	14%	11%	0.9%	.	0.9%
	Sc2	9.7%	4.8%	1.0%	12%	9.5%	4.6%	-60%	11%	54%	18%	15%	-1.5%	6.2%	-1.5%
	Sc3	.	.	.	.	.	.	-60%	9%	22%	19%	14%	-6.2%	.	-6.2%
Czech Republic	Sc1	.	.	.	.	.	.	-60%	68%	24%	8.6%	6.8%	-0.8%	.	-0.8%
	Sc2	3.1%	6.5%	6.9%	2.4%	7.4%	-1.1%	-60%	17%	46%	15%	12%	-2.7%	4.4%	-2.7%
	Sc3	.	.	.	.	.	.	-60%	15%	19%	16%	12%	-6.9%	.	-6.9%
Denmark	Sc1	.	.	.	.	.	.	-58%	65%	21%	8.2%	6.3%	-1.0%	.	-1.0%
	Sc2	0.0%	1.3%	2.1%	1.1%	3.6%	-0.1%	-59%	16%	42%	14%	12%	-2.8%	1.6%	-2.8%
	Sc3	.	.	.	.	.	.	-59%	13%	17%	15%	12%	-6.9%	.	-6.9%
Estonia	Sc1	-59%	59%	28%	7.8%	6.1%	-0.8%	.	-0.8%
	Sc2	4.6%	1.2%	3.4%	7.5%	7.5%	-1.3%	-59%	14%	48%	13%	12%	-2.5%	3.6%	-2.5%
	Sc3	-59%	12%	22%	14%	11%	-6.4%	.	-6.4%

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Finland	Sc1	-59%	69%	21%	8.0%	6.5%	-0.8%	.	-0.8%
	Sc2	1.9%	0.0%	-0.4%	6.4%	7.7%	0.8%	-60%	16%	44%	14%	12%	-2.9%	2.9%	-2.9%
	Sc3	-60%	13%	18%	15%	12%	-7.2%	.	-7.2%
France	Sc1	.	.	.	.	.	.	-59%	69%	22%	9.5%	7.2%	0.0%	.	0.0%
	Sc2	1.6%	1.5%	4.4%	3.8%	2.7%	1.3%	-59%	20%	43%	15%	13%	-2.0%	2.7%	-2.0%
	Sc3	.	.	.	.	.	.	-60%	17%	18%	16%	12%	-6.2%	.	-6.2%
Georgia	Sc1	.	.	.	.	.	.	-54%	72%	29%	11%	9.5%	4.5%	.	.
	Sc2	5.2%	5.5%	2.8%	13%	7.2%	-9.3%	-54%	18%	52%	18%	16%	2.5%	.	.
	Sc3	.	.	.	.	.	.	-54%	15%	22%	19%	16%	-2.2%	.	.
Germany	Sc1	.	.	.	.	.	.	-57%	66%	21%	8.1%	6.4%	-0.2%	.	-0.2%
	Sc2	1.3%	1.7%	2.1%	3.6%	4.4%	-0.3%	-58%	17%	42%	14%	12%	-2.2%	2.3%	-2.2%
	Sc3	.	.	.	.	.	.	-58%	14%	17%	15%	12%	-6.4%	.	-6.4%
Greece	Sc1	.	.	.	.	.	.	-56%	60%	26%	11%	8.1%	1.3%	.	1.3%
	Sc2	8.8%	5.1%	-1.7%	6.5%	12%	6.2%	-57%	14%	48%	16%	13%	-1.0%	5.5%	-1.0%
	Sc3	.	.	.	.	.	.	-57%	12%	19%	16%	12%	-5.5%	.	-5.5%
Hungary	Sc1	.	.	.	.	.	.	-59%	66%	25%	9.9%	7.7%	0.4%	.	0.4%
	Sc2	12%	11%	4.3%	5.9%	10%	-1.3%	-59%	16%	47%	15%	13%	-1.6%	5.9%	-1.6%
	Sc3	.	.	.	.	.	.	-59%	14%	19%	17%	13%	-6.0%	.	-6.0%
Iceland	Sc1	.	.	.	.	.	.	-58%	57%	31%	13%	8.2%	0.7%	.	.
	Sc2	11%	11%	12%	11%	5.2%	-7.5%	-59%	12%	59%	15%	13%	-1.0%	.	.
	Sc3	.	.	.	.	.	.	-59%	11%	34%	16%	12%	-4.5%	.	.
Ireland	Sc1	.	.	.	.	.	.	-61%	68%	27%	11%	7.5%	-0.1%	.	-0.1%
	Sc2	2.8%	5.4%	7.8%	1.8%	2.3%	1.8%	-61%	14%	57%	16%	13%	-2.0%	3.8%	-2.0%
	Sc3	.	.	.	.	.	.	-61%	12%	27%	16%	13%	-6.2%	.	-6.2%
Israel	Sc1	.	.	.	.	.	.	-67%	81%	29%	13%	12%	-0.4%	.	.
	Sc2	8.4%	6.9%	9.9%	19%	16%	3.8%	-67%	19%	56%	20%	18%	-2.7%	.	.
	Sc3	.	.	.	.	.	.	-67%	16%	23%	22%	18%	-7.5%	.	.
Italy	Sc1	.	.	.	.	.	.	-59%	71%	25%	9.9%	7.4%	0.5%	.	0.5%
	Sc2	1.9%	1.0%	2.2%	3.0%	5.3%	4.4%	-60%	21%	46%	15%	13%	-1.6%	3.2%	-1.6%
	Sc3	.	.	.	.	.	.	-60%	19%	20%	16%	12%	-6.0%	.	-6.0%
Latvia	Sc1	.	.	.	.	.	.	-57%	61%	29%	7.7%	5.9%	0.1%	.	0.1%
	Sc2	2.8%	0.7%	0.7%	8.9%	8.3%	2.7%	-58%	15%	49%	13%	12%	-1.7%	4.2%	-1.7%
	Sc3	.	.	.	.	.	.	-58%	12%	23%	14%	11%	-5.7%	.	-5.7%
Lisbon FIR	Sc1	.	.	.	.	.	.	-61%	78%	26%	11%	7.6%	0.7%	.	0.7%
	Sc2	6.8%	5.1%	11%	9.5%	3.5%	2.7%	-62%	23%	51%	17%	13%	-1.3%	6.3%	-1.3%
	Sc3	.	.	.	.	.	.	-62%	20%	23%	18%	13%	-5.5%	.	-5.5%
Lithuania	Sc1	.	.	.	.	.	.	-54%	52%	30%	7.3%	5.6%	0.5%	.	0.5%
	Sc2	6.0%	1.2%	0.2%	6.2%	8.6%	0.8%	-54%	13%	47%	12%	11%	-1.1%	3.3%	-1.1%
	Sc3	.	.	.	.	.	.	-54%	11%	23%	13%	11%	-4.8%	.	-4.8%
Malta	Sc1	.	.	.	.	.	.	-60%	55%	33%	13%	9.8%	0.4%	.	0.4%
	Sc2	-6.8%	0.7%	7.1%	5.3%	8.2%	4.2%	-60%	11%	54%	16%	14%	-2.0%	5.1%	-2.0%
	Sc3	.	.	.	.	.	.	-60%	9%	22%	17%	14%	-6.7%	.	-6.7%
Moldova	Sc1	.	.	.	.	.	.	-58%	63%	35%	11%	8.4%	2.2%	.	.
	Sc2	-24%	-19%	-8.0%	20%	9.8%	0.4%	-58%	16%	55%	16%	14%	0.1%	.	.
	Sc3	.	.	.	.	.	.	-58%	14%	24%	17%	14%	-4.5%	.	.
Morocco	Sc1	-64%	83%	24%	11%	8.8%	-0.2%	.	.
	Sc2	7.6%	0.3%	6.3%	7.3%	4.9%	2.7%	-64%	23%	49%	18%	15%	-2.3%	.	.
	Sc3	-64%	20%	20%	19%	15%	-6.8%	.	.

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Netherlands	Sc1	-58%	67%	21%	8.4%	6.3%	-0.3%	.	-0.3%
	Sc2	2.6%	3.4%	5.5%	3.7%	3.2%	0.2%	-58%	16%	44%	14%	12%	-2.1%	3.2%	-2.1%
	Sc3	-58%	13%	19%	15%	12%	-6.2%	.	-6.2%
North Macedonia	Sc1	.	.	.	.	.	.	-56%	69%	25%	11%	8.3%	2.1%	.	.
	Sc2	30%	3.9%	-4.3%	18%	13%	15%	-56%	17%	48%	16%	14%	-0.1%	.	.
	Sc3	.	.	.	.	.	.	-56%	14%	19%	17%	13%	-4.7%	.	.
Norway	Sc1	.	.	.	.	.	.	-41%	47%	15%	6.3%	4.4%	2.0%	.	2.0%
	Sc2	1.4%	-2.5%	-0.8%	-1.2%	0.6%	-0.5%	-45%	11%	26%	9.6%	9.0%	-1.5%	-0.9%	-1.5%
	Sc3	.	.	.	.	.	.	-45%	12%	10%	8.1%	7.2%	-5.0%	.	-5.0%
Poland	Sc1	.	.	.	.	.	.	-57%	63%	28%	8.0%	6.3%	0.3%	.	0.3%
	Sc2	1.4%	-0.3%	7.9%	5.0%	10%	4.7%	-58%	16%	49%	14%	11%	-1.5%	5.4%	-1.5%
	Sc3	.	.	.	.	.	.	-58%	13%	22%	15%	12%	-5.5%	.	-5.5%
Romania	Sc1	.	.	.	.	.	.	-59%	61%	27%	10%	8.3%	0.1%	.	0.1%
	Sc2	17%	6.1%	-2.2%	8.5%	9.6%	1.2%	-59%	14%	47%	16%	14%	-2.0%	4.5%	-2.0%
	Sc3	.	.	.	.	.	.	-59%	12%	20%	17%	13%	-6.3%	.	-6.3%
Santa Maria FIR	Sc1	.	.	.	.	.	.	-58%	52%	33%	15%	8.5%	1.2%	.	1.2%
	Sc2	2.8%	8.8%	11%	7.5%	2.9%	0.1%	-59%	15%	55%	19%	13%	-0.3%	6.1%	-0.3%
	Sc3	.	.	.	.	.	.	-59%	14%	32%	17%	12%	-4.1%	.	-4.1%
Serbia/Montenegro	Sc1	.	.	.	.	.	.	-58%	70%	25%	11%	8.1%	1.5%	.	.
	Sc2	6.9%	9.3%	2.3%	5.6%	9.5%	6.7%	-58%	17%	49%	16%	14%	-0.7%	.	.
	Sc3	.	.	.	.	.	.	-58%	15%	19%	17%	13%	-5.3%	.	.
Slovakia	Sc1	.	.	.	.	.	.	-62%	62%	28%	9.6%	7.4%	-1.5%	.	-1.5%
	Sc2	9.8%	7.2%	6.4%	3.5%	10%	-0.9%	-62%	15%	48%	15%	13%	-3.5%	5.2%	-3.5%
	Sc3	.	.	.	.	.	.	-62%	13%	21%	16%	12%	-7.6%	.	-7.6%
Slovenia	Sc1	.	.	.	.	.	.	-58%	71%	25%	10%	7.8%	1.3%	.	1.3%
	Sc2	5.8%	-0.2%	1.7%	9.3%	9.7%	8.6%	-58%	18%	48%	16%	13%	-0.9%	5.7%	-0.9%
	Sc3	.	.	.	.	.	.	-58%	15%	19%	17%	13%	-5.4%	.	-5.4%
Spain	Sc1	.	.	.	.	.	.	-62%	79%	25%	11%	8.4%	0.3%	.	0.3%
	Sc2	3.9%	3.3%	7.7%	6.4%	4.8%	2.4%	-63%	24%	49%	17%	14%	-1.8%	4.9%	-1.8%
	Sc3	.	.	.	.	.	.	-63%	21%	21%	18%	14%	-6.2%	.	-6.2%
Sweden	Sc1	.	.	.	.	.	.	-58%	67%	21%	8.2%	6.4%	-0.3%	.	-0.3%
	Sc2	1.2%	1.6%	2.2%	5.4%	2.8%	-0.9%	-58%	16%	43%	14%	12%	-2.3%	2.2%	-2.3%
	Sc3	.	.	.	.	.	.	-58%	14%	17%	15%	12%	-6.5%	.	-6.5%
Switzerland	Sc1	.	.	.	.	.	.	-59%	70%	21%	8.5%	6.9%	-0.4%	.	-0.4%
	Sc2	1.4%	1.2%	2.3%	3.8%	5.2%	0.8%	-59%	20%	42%	14%	12%	-2.3%	2.6%	-2.3%
	Sc3	.	.	.	.	.	.	-59%	17%	17%	15%	12%	-6.4%	.	-6.4%
Turkey	Sc1	.	.	.	.	.	.	-56%	60%	28%	11%	8.8%	1.8%	.	.
	Sc2	11.0%	6.8%	-1.5%	6.0%	8.2%	1.1%	-57%	15%	48%	17%	15%	-0.3%	.	.
	Sc3	.	.	.	.	.	.	-58%	13%	20%	19%	15%	-4.8%	.	.
UK	Sc1	.	.	.	.	.	.	-60%	72%	23%	9.2%	6.8%	-0.5%	.	-0.5%
	Sc2	2.0%	2.4%	5.4%	3.5%	0.9%	0.9%	-61%	18%	48%	15%	12%	-2.5%	2.6%	-2.5%
	Sc3	.	.	.	.	.	.	-61%	16%	21%	16%	12%	-6.7%	.	-6.7%
Ukraine	Sc1	.	.	.	.	.	.	-57%	64%	29%	12%	9.2%	2.1%	.	.
	Sc2	-35%	-33%	-8.7%	19%	18%	12.0%	-57%	16%	51%	17%	15%	0.0%	.	.
	Sc3	.	.	.	.	.	.	-57%	13%	22%	18%	14%	-4.5%	.	.
ECAC	Sc1	-55%	62%	22%	8.9%	6.8%	0.6%	.	0.6%
	Sc2	1.7%	1.6%	2.8%	4.0%	3.8%	0.8%	-56%	17%	42%	14%	12%	-1.6%	2.6%	-1.6%
	Sc3	-57%	14%	17%	15%	12%	-5.6%	.	-5.6%

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ESRA08	Sc1	-55%	62%	22%	8.9%	6.8%	0.6%	.	0.6%
	Sc2	1.7%	1.5%	2.7%	3.8%	3.6%	0.8%	-56%	17%	42%	14%	12%	-1.6%	2.5%	-1.6%
	Sc3	-57%	15%	17%	15%	12%	-5.7%	.	-5.7%
EU28	Sc1	.	.	.	.	.	.	-56%	64%	22%	8.9%	6.8%	0.2%	.	0.2%
	Sc2	1.9%	1.6%	3.1%	3.8%	3.9%	1.2%	-57%	17%	43%	14%	12%	-1.8%	2.7%	-1.8%
	Sc3	.	.	.	.	.	.	-58%	15%	18%	15%	12%	-5.9%	.	-5.9%
EU27	Sc1	.	.	.	.	.	.	-57%	64%	22%	9.0%	6.9%	0.3%	.	.
	Sc2	.	.	.	.	.	.	-57%	17%	43%	14%	12%	-1.8%	.	.
	Sc3	.	.	.	.	.	.	-58%	15%	18%	15%	12%	-5.9%	.	.
RP2 Region	Sc1	.	.	.	.	.	.	-56%	62%	21%	8.7%	6.7%	0.3%	.	0.3%
	Sc2	1.9%	1.4%	2.9%	3.6%	3.7%	1.2%	-57%	17%	41%	14%	12%	-1.8%	2.5%	-1.8%
	Sc3	.	.	.	.	.	.	-57%	14%	17%	15%	11%	-5.9%	.	-5.9%



Table 3. Summary of Forecast En-Route Service Units Per Traffic Zone (Thousands)

Nov-20

Total service units (Thousands)		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2020 - 2024 Total Growth	RP2 AAGR 2015-2019 (vs 2014)	RP3 AAGR 2020-2024 (vs 2019)
Albania	Sc1	.	.	.	.	.	.	246	380	489	547	595	17%	.	.
	Sc2	469	484	442	454	481	507	240	254	387	454	519	2.0%	.	.
	Sc3	.	.	.	.	.	.	239	247	301	354	404	-20%	.	.
Armenia	Sc1	.	.	.	.	.	.	57	88	126	143	159	-23%	.	.
	Sc2	142	126	111	178	224	206	53	59	95	114	133	-35%	.	.
	Sc3	.	.	.	.	.	.	53	57	74	89	103	-50%	.	.
Austria	Sc1	.	.	.	.	.	.	1,565	2,495	3,116	3,416	3,675	10%	.	1.9%
	Sc2	2,645	2,739	2,750	2,974	3,198	3,338	1,517	1,652	2,448	2,838	3,213	-4.0%	4.8%	-0.8%
	Sc3	.	.	.	.	.	.	1,508	1,603	1,923	2,241	2,532	-24%	.	-5.4%
Belgium/Luxembourg	Sc1	.	.	.	.	.	.	1,113	1,762	2,168	2,383	2,566	-2.0%	.	-0.4%
	Sc2	2,362	2,454	2,500	2,594	2,644	2,620	1,073	1,182	1,714	1,989	2,251	-14%	2.1%	-3.0%
	Sc3	.	.	.	.	.	.	1,065	1,147	1,373	1,595	1,799	-31%	.	-7.2%
Bosnia and Herzegovina	Sc1	.	.	.	.	.	.	598	973	1,211	1,333	1,435	17%	.	.
	Sc2	783	870	866	1,020	1,083	1,228	582	661	972	1,118	1,263	3.0%	.	.
	Sc3	.	.	.	.	.	.	579	642	758	886	995	-19%	.	.
Bulgaria	Sc1	.	.	.	.	.	.	1,755	2,606	3,278	3,611	3,900	-3.0%	.	-0.7%
	Sc2	2,744	3,223	3,413	3,513	3,938	4,032	1,696	1,792	2,624	3,016	3,419	-15%	8.0%	-3.2%
	Sc3	.	.	.	.	.	.	1,685	1,743	2,060	2,406	2,705	-33%	.	-7.7%
Spain Canarias	Sc1	.	.	.	.	.	.	795	1,266	1,640	1,875	2,067	6.0%	.	1.2%
	Sc2	1,492	1,402	1,485	1,602	1,788	1,951	762	849	1,274	1,556	1,809	-7.0%	5.5%	-1.5%
	Sc3	.	.	.	.	.	.	755	826	1,029	1,241	1,442	-26%	.	-5.9%
Croatia	Sc1	.	.	.	.	.	.	954	1,624	2,112	2,373	2,601	19%	.	3.5%
	Sc2	1,760	1,790	1,788	1,799	1,994	2,193	928	1,041	1,626	1,949	2,249	3.0%	4.5%	0.5%
	Sc3	.	.	.	.	.	.	923	1,010	1,268	1,501	1,739	-21%	.	-4.5%
Cyprus	Sc1	.	.	.	.	.	.	825	1,182	1,584	1,798	1,990	-4.0%	.	-0.8%
	Sc2	1,454	1,548	1,540	1,728	1,897	2,068	793	837	1,278	1,489	1,705	-18%	7.3%	-3.8%
	Sc3	.	.	.	.	.	.	786	817	992	1,172	1,332	-36%	.	-8.4%
Czech Republic	Sc1	.	.	.	.	.	.	1,172	1,872	2,348	2,564	2,752	-6.0%	.	-1.3%
	Sc2	2,393	2,532	2,737	2,824	3,041	2,936	1,129	1,238	1,837	2,128	2,403	-18%	4.2%	-3.9%
	Sc3	.	.	.	.	.	.	1,120	1,201	1,449	1,684	1,902	-35%	.	-8.3%
Denmark	Sc1	.	.	.	.	.	.	728	1,170	1,427	1,544	1,643	-8.0%	.	-1.6%
	Sc2	1,532	1,583	1,621	1,666	1,709	1,781	700	785	1,135	1,296	1,455	-18%	3.1%	-4.0%
	Sc3	.	.	.	.	.	.	694	761	900	1,038	1,164	-35%	.	-8.2%
Estonia	Sc1	.	.	.	.	.	.	402	585	742	797	841	-7.0%	.	-1.4%
	Sc2	790	816	834	866	920	901	389	416	608	680	753	-16%	2.7%	-3.5%
	Sc3	.	.	.	.	.	.	387	405	490	560	617	-31%	.	-7.3%
Finland	Sc1	.	.	.	.	.	.	453	746	946	1,047	1,135	12%	.	2.4%
	Sc2	796	760	764	848	940	1,011	436	476	724	862	988	-2.0%	4.9%	-0.5%
	Sc3	.	.	.	.	.	.	433	463	583	683	782	-23%	.	-5.0%
France	Sc1	.	.	.	.	.	.	8,789	15,228	19,322	21,562	23,481	8.0%	.	1.5%
	Sc2	18,497	18,868	19,883	20,862	21,450	21,782	8,501	9,973	15,058	17,886	20,530	-6.0%	3.3%	-1.2%
	Sc3	8,443	9,681	11,958	14,074	16,160	-26%	.	-5.8%

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Georgia	Sc1	449	716	859	914	971	44%	.	.
	Sc2	752	805	791	807	806	674	437	524	731	793	886	32%	.	.
	Sc3	.	.	.	.	.	.	435	508	572	659	727	8.0%	.	.
Germany	Sc1	.	.	.	.	.	.	7,039	11,112	13,772	15,085	16,229	7.0%	.	1.3%
	Sc2	12,881	12,976	13,562	14,374	14,989	15,180	6,818	7,345	10,798	12,563	14,243	-6.0%	3.3%	-1.3%
	Sc3	.	.	.	.	.	.	6,773	7,133	8,589	9,970	11,295	-26%	.	-5.7%
Greece	Sc1	.	.	.	.	.	.	2,729	4,135	5,372	6,025	6,570	9.0%	.	1.8%
	Sc2	4,618	4,899	4,678	5,158	5,600	6,005	2,654	2,807	4,283	5,008	5,687	-5.0%	5.4%	-1.1%
	Sc3	.	.	.	.	.	.	2,639	2,735	3,325	3,894	4,424	-26%	.	-5.9%
Hungary	Sc1	.	.	.	.	.	.	1,460	2,248	2,795	3,055	3,276	4.0%	.	0.7%
	Sc2	2,406	2,695	2,788	2,973	3,236	3,162	1,414	1,533	2,231	2,555	2,880	-9.0%	5.6%	-1.8%
	Sc3	.	.	.	.	.	.	1,404	1,490	1,757	2,042	2,287	-28%	.	-6.3%
Ireland	Sc1	.	.	.	.	.	.	1,907	3,052	4,033	4,591	4,967	7.0%	.	1.4%
	Sc2	3,922	4,182	4,468	4,465	4,550	4,641	1,842	2,020	3,335	3,884	4,400	-5.0%	3.4%	-1.1%
	Sc3	.	.	.	.	.	.	1,829	1,991	2,687	3,139	3,539	-24%	.	-5.3%
Italy	Sc1	.	.	.	.	.	.	4,051	6,941	9,160	10,391	11,468	14%	.	2.7%
	Sc2	8,314	8,172	8,302	8,632	9,434	10,046	3,921	4,478	7,034	8,571	9,963	-1.0%	3.9%	-0.2%
	Sc3	.	.	.	.	.	.	3,895	4,351	5,597	6,649	7,772	-23%	.	-5.0%
Latvia	Sc1	.	.	.	.	.	.	428	636	822	886	937	-2.0%	.	-0.4%
	Sc2	767	802	789	877	938	958	414	439	658	746	832	-13%	4.5%	-2.8%
	Sc3	.	.	.	.	.	.	411	428	528	604	673	-30%	.	-6.8%
Portugal Lisboa	Sc1	.	.	.	.	.	.	1,576	2,799	3,711	4,232	4,657	15%	.	2.8%
	Sc2	3,020	3,150	3,510	3,777	3,856	4,060	1,511	1,747	2,794	3,442	4,011	-1.0%	6.1%	-0.2%
	Sc3	.	.	.	.	.	.	1,498	1,692	2,211	2,664	3,109	-23%	.	-5.2%
Lithuania	Sc1	.	.	.	.	.	.	318	454	586	626	659	7.0%	.	1.3%
	Sc2	487	492	507	541	603	619	309	332	483	538	594	-4.0%	4.9%	-0.8%
	Sc3	.	.	.	.	.	.	307	324	395	447	491	-21%	.	-4.5%
Malta	Sc1	.	.	.	.	.	.	387	560	843	1,002	1,144	12%	.	2.3%
	Sc2	727	823	905	916	935	1,020	370	358	629	795	934	-8.0%	7.0%	-1.7%
	Sc3	.	.	.	.	.	.	367	350	477	576	689	-32%	.	-7.5%
Moldova	Sc1	.	.	.	.	.	.	36	57	79	88	96	11%	.	.
	Sc2	131	74	60	69	83	87	35	39	61	73	84	-4.0%	.	.
	Sc3	.	.	.	.	.	.	35	38	48	57	66	-24%	.	.
Morocco	Sc1	.	.	.	.	.	.	1,356	2,432	3,106	3,504	3,860	16%	.	.
	Sc2	2,771	2,747	2,937	3,136	3,292	3,324	1,300	1,533	2,355	2,852	3,327	0.0%	.	.
	Sc3	.	.	.	.	.	.	1,288	1,481	1,839	2,216	2,587	-22%	.	.
Netherlands	Sc1	.	.	.	.	.	.	1,513	2,450	3,032	3,327	3,577	6.0%	.	1.1%
	Sc2	2,767	2,893	3,100	3,223	3,392	3,381	1,463	1,605	2,381	2,771	3,140	-7.0%	4.1%	-1.5%
	Sc3	.	.	.	.	.	.	1,452	1,557	1,895	2,207	2,499	-26%	.	-5.9%
North Macedonia	Sc1	.	.	.	.	.	.	174	276	347	384	417	6.0%	.	.
	Sc2	246	264	250	301	336	395	170	185	275	321	365	-8.0%	.	.
	Sc3	.	.	.	.	.	.	169	180	215	253	287	-27%	.	.
Norway	Sc1	.	.	.	.	.	.	1,225	1,980	2,449	2,695	2,887	18%	.	3.4%
	Sc2	2,221	2,314	2,495	2,527	2,522	2,437	1,186	1,354	1,920	2,215	2,483	2.0%	1.9%	0.4%
	Sc3	.	.	.	.	.	.	1,178	1,347	1,634	1,834	2,037	-16%	.	-3.5%
Poland	Sc1	.	.	.	.	.	.	2,067	3,190	4,165	4,503	4,794	-4.0%	.	-0.7%
	Sc2	3,931	3,880	4,175	4,291	4,666	4,972	1,994	2,211	3,339	3,799	4,247	-15%	4.8%	-3.1%
	Sc3	1,979	2,152	2,658	3,065	3,427	-31%	.	-7.2%

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Romania	Sc1	2,282	3,347	4,264	4,708	5,091	-1.0%	.	-0.1%
	Sc2	4,182	4,571	4,443	4,757	5,101	5,117	2,205	2,313	3,412	3,933	4,458	-13%	4.1%	-2.7%
	Sc3	.	.	.	.	.	.	2,189	2,253	2,698	3,148	3,541	-31%	.	-7.1%
Portugal Santa Maria	Sc1	.	.	.	.	.	.	2,307	3,396	4,647	5,463	5,993	9.0%	.	1.7%
	Sc2	4,166	4,662	5,040	5,309	5,504	5,516	2,215	2,470	3,941	4,745	5,410	-2.0%	5.8%	-0.4%
	Sc3	.	.	.	.	.	.	2,196	2,431	3,281	3,890	4,391	-20%	.	-4.5%
Serbia/Montenegro/KFOR	Sc1	.	.	.	.	.	.	1,179	1,967	2,568	2,918	3,233	21%	.	.
	Sc2	1,752	1,975	2,131	2,241	2,518	2,675	1,147	1,269	1,988	2,400	2,800	5.0%	.	.
	Sc3	.	.	.	.	.	.	1,140	1,232	1,547	1,854	2,168	-19%	.	.
Slovakia	Sc1	.	.	.	.	.	.	474	731	937	1,028	1,105	-14%	.	-3.1%
	Sc2	1,044	1,071	1,138	1,189	1,296	1,292	457	500	743	856	966	-25%	4.3%	-5.6%
	Sc3	.	.	.	.	.	.	453	486	589	684	769	-40%	.	-9.9%
Slovenia	Sc1	.	.	.	.	.	.	269	447	564	624	675	8.0%	.	1.5%
	Sc2	459	466	502	525	572	627	261	293	441	516	589	-6.0%	6.4%	-1.3%
	Sc3	.	.	.	.	.	.	260	285	344	403	460	-27%	.	-6.0%
Spain Continental	Sc1	.	.	.	.	.	.	4,533	8,205	10,551	11,853	12,987	13%	.	2.5%
	Sc2	8,768	8,997	9,761	10,441	11,059	11,488	4,369	5,320	8,195	9,789	11,319	-1.0%	5.6%	-0.3%
	Sc3	.	.	.	.	.	.	4,336	5,152	6,434	7,665	8,859	-23%	.	-5.1%
Sweden	Sc1	.	.	.	.	.	.	1,666	2,625	3,216	3,500	3,737	-2.0%	.	-0.4%
	Sc2	3,285	3,355	3,402	3,615	3,813	3,820	1,607	1,749	2,543	2,928	3,305	-13%	3.1%	-2.9%
	Sc3	.	.	.	.	.	.	1,595	1,698	2,023	2,342	2,637	-31%	.	-7.1%
Switzerland	Sc1	.	.	.	.	.	.	670	1,142	1,459	1,627	1,775	0.0%	.	0.1%
	Sc2	1,427	1,455	1,493	1,604	1,741	1,769	647	726	1,110	1,331	1,533	-13%	4.4%	-2.8%
	Sc3	.	.	.	.	.	.	642	704	881	1,036	1,196	-32%	.	-7.5%
Turkey	Sc1	.	.	.	.	.	.	7,957	12,081	15,338	16,953	18,352	2.0%	.	.
	Sc2	12,809	14,182	14,374	15,889	17,460	17,912	7,689	8,571	12,527	14,432	16,457	-8.0%	.	.
	Sc3	.	.	.	.	.	.	7,635	8,353	9,909	11,632	13,150	-27%	.	.
UK	Sc1	.	.	.	.	.	.	5,147	8,609	11,083	12,420	13,517	7.0%	.	1.4%
	Sc2	9,979	10,154	10,875	11,768	12,194	12,594	4,962	5,407	8,539	10,211	11,726	-7.0%	4.8%	-1.4%
	Sc3	.	.	.	.	.	.	4,925	5,262	6,804	7,998	9,198	-27%	.	-6.1%
Ukraine	Sc1	.	.	.	.	.	.	667	1,079	1,398	1,565	1,713	5.0%	.	.
	Sc2	2,771	1,286	1,017	1,270	1,505	1,632	645	732	1,110	1,301	1,494	-8.0%	.	.
	Sc3	.	.	.	.	.	.	641	712	870	1,028	1,178	-28%	.	.
CRCO16	Sc1	.	.	.	.	.	.	71,295	115,134	147,158	163,892	177,956	7.0%	.	1.3%
	Sc2	132,920	138,505	144,274	153,194	162,512	167,000	68,896	76,812	116,172	136,585	156,002	-7.0%	4.7%	-1.4%
	Sc3	.	.	.	.	.	.	68,416	74,736	92,258	108,234	123,365	-26%	.	-5.9%
RP2 Region	Sc1	.	.	.	.	.	.	58,291	95,201	121,494	135,148	146,705	6.0%	.	1.3%
	Sc2	111,670	115,063	120,208	126,928	134,016	137,800	56,328	62,781	95,195	112,137	128,085	-7.0%	4.3%	-1.5%
	Sc3	.	.	.	.	.	.	55,935	61,048	75,554	88,560	101,074	-27%	.	-6.0%
Total	Sc1	.	.	.	.	.	.	73,319	118,645	151,662	168,960	183,529	7.0%	.	1.3%
	Sc2	138,463	142,538	148,228	157,601	167,310	171,956	70,841	79,077	119,637	140,738	160,823	-6.0%	4.4%	-1.3%
	Sc3	.	.	.	.	.	.	70,345	76,928	94,968	111,477	127,131	-26%	.	-5.9%



Table 4. Summary of Forecast En-Route Service Units Per Traffic Zone

Nov-20

Total service units (Growth)		2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2020 - 2024 Total Growth	RP2 AAGR 2015-2019 (vs 2014)	RP3 AAGR 2020-2024 (vs 2019)
Albania	Sc1	.	.	.	.	.	.	-52%	54%	29%	12%	8.9%	3.2%	.	.
	Sc2	2.9%	3.3%	-8.7%	2.6%	5.9%	5.6%	-53%	5.5%	53%	17%	14%	0.4%	.	.
	Sc3	.	.	.	.	.	.	-53%	3.1%	22%	17%	14%	-4.4%	.	.
Armenia	Sc1	.	.	.	.	.	.	-72%	56%	43%	13%	11%	-5.0%	.	.
	Sc2	-4.5%	-12%	-12%	60%	26%	-7.8%	-74%	11%	60%	20%	17%	-8.4%	.	.
	Sc3	.	.	.	.	.	.	-74%	8.9%	28%	21%	16%	-13%	.	.
Austria	Sc1	.	.	.	.	.	.	-53%	60%	25%	10%	7.6%	1.9%	.	1.9%
	Sc2	7.7%	3.5%	0.4%	8.1%	7.5%	4.4%	-55%	8.8%	48%	16%	13%	-0.8%	4.8%	-0.8%
	Sc3	.	.	.	.	.	.	-55%	6.3%	20%	17%	13%	-5.4%	.	-5.4%
Belgium/Luxembourg	Sc1	.	.	.	.	.	.	-58%	58%	23%	10%	7.7%	-0.4%	.	-0.4%
	Sc2	3.7%	3.9%	1.9%	3.7%	1.9%	-0.9%	-59%	10%	45%	16%	13%	-3.0%	2.1%	-3.0%
	Sc3	.	.	.	.	.	.	-59%	7.7%	20%	16%	13%	-7.2%	.	-7.2%
Bosnia and Herzegovina	Sc1	.	.	.	.	.	.	-51%	63%	25%	10%	7.7%	3.2%	.	.
	Sc2	20%	11%	-0.4%	18%	6.2%	13%	-53%	14%	47%	15%	13%	0.6%	.	.
	Sc3	.	.	.	.	.	.	-53%	11%	18%	17%	12%	-4.1%	.	.
Bulgaria	Sc1	.	.	.	.	.	.	-57%	49%	26%	10%	8.0%	-0.7%	.	-0.7%
	Sc2	33%	18%	5.9%	2.9%	12%	2.4%	-58%	5.6%	46%	15%	13%	-3.2%	8.0%	-3.2%
	Sc3	.	.	.	.	.	.	-58%	3.5%	18%	17%	12%	-7.7%	.	-7.7%
Spain Canarias	Sc1	.	.	.	.	.	.	-59%	59%	30%	14%	10%	1.2%	.	1.2%
	Sc2	-1.6%	-6.0%	5.9%	7.9%	12%	9.1%	-61%	11%	50%	22%	16%	-1.5%	5.5%	-1.5%
	Sc3	.	.	.	.	.	.	-61%	9.3%	25%	21%	16%	-5.9%	.	-5.9%
Croatia	Sc1	.	.	.	.	.	.	-57%	70%	30%	12%	10%	3.5%	.	3.5%
	Sc2	3.9%	1.7%	-0.1%	0.6%	11%	10%	-58%	12%	56%	20%	15%	0.5%	4.5%	0.5%
	Sc3	.	.	.	.	.	.	-58%	9.4%	26%	18%	16%	-4.5%	.	-4.5%
Cyprus	Sc1	.	.	.	.	.	.	-60%	43%	34%	14%	11%	-0.8%	.	-0.8%
	Sc2	9.6%	6.4%	-0.5%	12.2%	9.8%	9.0%	-62%	5.6%	53%	17%	15%	-3.8%	7.3%	-3.8%
	Sc3	.	.	.	.	.	.	-62%	3.9%	21%	18%	14%	-8.4%	.	-8.4%
Czech Republic	Sc1	.	.	.	.	.	.	-60%	60%	25%	9.2%	7.3%	-1.3%	.	-1.3%
	Sc2	0.8%	5.8%	8.1%	3.2%	7.7%	-3.5%	-62%	10%	48%	16%	13%	-3.9%	4.2%	-3.9%
	Sc3	.	.	.	.	.	.	-62%	7.2%	21%	16%	13%	-8.3%	.	-8.3%
Denmark	Sc1	.	.	.	.	.	.	-59%	61%	22%	8.3%	6.4%	-1.6%	.	-1.6%
	Sc2	0.5%	3.4%	2.4%	2.7%	2.6%	4.2%	-61%	12%	45%	14%	12%	-4.0%	3.1%	-4.0%
	Sc3	.	.	.	.	.	.	-61%	10%	18%	15%	12%	-8.2%	.	-8.2%
Estonia	Sc1	.	.	.	.	.	.	-55%	46%	27%	7.4%	5.5%	-1.4%	.	-1.4%
	Sc2	6.6%	3.3%	2.3%	3.8%	6.3%	-2.1%	-57%	6.9%	46%	12%	11%	-3.5%	2.7%	-3.5%
	Sc3	.	.	.	.	.	.	-57%	4.8%	21%	14%	10%	-7.3%	.	-7.3%
Finland	Sc1	.	.	.	.	.	.	-55%	65%	27%	11%	8.4%	2.4%	.	2.4%
	Sc2	3.3%	-4.4%	0.5%	11%	11%	7.5%	-57%	9.2%	52%	19%	15%	-0.5%	4.9%	-0.5%
	Sc3	.	.	.	.	.	.	-57%	6.9%	26%	17%	15%	-5.0%	.	-5.0%
France	Sc1	-60%	73%	27%	12%	8.9%	1.5%	.	1.5%
	Sc2	3.3%	2.0%	5.4%	4.9%	2.8%	1.5%	-61%	17%	51%	19%	15%	-1.2%	3.3%	-1.2%
	Sc3	-61%	15%	24%	18%	15%	-5.8%	.	-5.8%

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Georgia	Sc1	-33%	59%	20%	6.4%	6.3%	7.6%	.	.
	Sc2	0.6%	7.1%	-1.7%	1.9%	-0.1%	-16%	-35%	20%	40%	8.5%	12%	5.6%	.	.
	Sc3	-36%	17%	12%	15%	10%	1.5%	.	.
Germany	Sc1	.	.	.	.	.	.	-54%	58%	24%	10%	7.6%	1.3%	.	1.3%
	Sc2	2.5%	0.7%	4.5%	6.0%	4.3%	1.3%	-55%	7.7%	47%	16%	13%	-1.3%	3.3%	-1.3%
	Sc3	.	.	.	.	.	.	-55%	5.3%	20%	16%	13%	-5.7%	.	-5.7%
Greece	Sc1	.	.	.	.	.	.	-55%	52%	30%	12%	9.0%	1.8%	.	1.8%
	Sc2	9.5%	6.1%	-4.5%	10%	8.6%	7.2%	-56%	5.7%	53%	17%	14%	-1.1%	5.4%	-1.1%
	Sc3	.	.	.	.	.	.	-56%	3.6%	22%	17%	14%	-5.9%	.	-5.9%
Hungary	Sc1	.	.	.	.	.	.	-54%	54%	24%	9.3%	7.2%	0.7%	.	0.7%
	Sc2	15%	12%	3.5%	6.6%	8.8%	-2.3%	-55%	8.5%	46%	15%	13%	-1.8%	5.6%	-1.8%
	Sc3	.	.	.	.	.	.	-56%	6.1%	18%	16%	12%	-6.3%	.	-6.3%
Ireland	Sc1	.	.	.	.	.	.	-59%	60%	32%	14%	8.2%	1.4%	.	1.4%
	Sc2	2.9%	6.6%	6.8%	-0.1%	1.9%	2.0%	-60%	10%	65%	17%	13%	-1.1%	3.4%	-1.1%
	Sc3	.	.	.	.	.	.	-61%	8.8%	35%	17%	13%	-5.3%	.	-5.3%
Italy	Sc1	.	.	.	.	.	.	-60%	71%	32%	13%	10%	2.7%	.	2.7%
	Sc2	2.4%	-1.7%	1.6%	4.0%	9.3%	6.5%	-61%	14%	57%	22%	16%	-0.2%	3.9%	-0.2%
	Sc3	.	.	.	.	.	.	-61%	12%	29%	19%	17%	-5.0%	.	-5.0%
Latvia	Sc1	.	.	.	.	.	.	-55%	49%	29%	7.7%	5.8%	-0.4%	.	-0.4%
	Sc2	4.5%	4.6%	-1.6%	11%	7.0%	2.0%	-57%	6.3%	50%	13%	12%	-2.8%	4.5%	-2.8%
	Sc3	.	.	.	.	.	.	-57%	4.1%	23%	15%	11%	-6.8%	.	-6.8%
Portugal Lisboa	Sc1	.	.	.	.	.	.	-61%	78%	33%	14%	10%	2.8%	.	2.8%
	Sc2	5.0%	4.3%	11%	7.6%	2.1%	5.3%	-63%	16%	60%	23%	17%	-0.2%	6.1%	-0.2%
	Sc3	.	.	.	.	.	.	-63%	13%	31%	21%	17%	-5.2%	.	-5.2%
Lithuania	Sc1	.	.	.	.	.	.	-49%	43%	29%	6.9%	5.3%	1.3%	.	1.3%
	Sc2	8.1%	1.0%	3.1%	6.6%	11%	2.7%	-50%	7.5%	45%	11%	10%	-0.8%	4.9%	-0.8%
	Sc3	.	.	.	.	.	.	-50%	5.7%	22%	13%	9.9%	-4.5%	.	-4.5%
Malta	Sc1	.	.	.	.	.	.	-62%	45%	51%	19%	14%	2.3%	.	2.3%
	Sc2	-1.1%	13%	10%	1.2%	2.0%	9.1%	-64%	-3.2%	76%	26%	18%	-1.7%	7.0%	-1.7%
	Sc3	.	.	.	.	.	.	-64%	-4.5%	36%	21%	20%	-7.5%	.	-7.5%
Moldova	Sc1	.	.	.	.	.	.	-59%	58%	38%	12%	9.3%	2.1%	.	.
	Sc2	-46%	-44%	-19%	15%	20%	4.6%	-60%	11%	59%	18%	15%	-0.7%	.	.
	Sc3	.	.	.	.	.	.	-60%	8.7%	28%	18%	15%	-5.5%	.	.
Morocco	Sc1	.	.	.	.	.	.	-59%	79%	28%	13%	10%	3.0%	.	.
	Sc2	8.7%	-0.9%	6.9%	6.8%	5.0%	1.0%	-61%	18%	54%	21%	17%	0.0%	.	.
	Sc3	.	.	.	.	.	.	-61%	15%	24%	21%	17%	-4.9%	.	.
Netherlands	Sc1	.	.	.	.	.	.	-55%	62%	24%	9.7%	7.5%	1.1%	.	1.1%
	Sc2	2.4%	4.5%	7.2%	4.0%	5.3%	-0.3%	-57%	9.7%	48%	16%	13%	-1.5%	4.1%	-1.5%
	Sc3	.	.	.	.	.	.	-57%	7.2%	22%	17%	13%	-5.9%	.	-5.9%
North Macedonia	Sc1	.	.	.	.	.	.	-56%	58%	26%	11%	8.4%	1.1%	.	.
	Sc2	39%	7.1%	-5.3%	20%	12%	17%	-57%	8.6%	49%	17%	14%	-1.6%	.	.
	Sc3	.	.	.	.	.	.	-57%	6.0%	20%	17%	14%	-6.2%	.	.
Norway	Sc1	.	.	.	.	.	.	-50%	62%	24%	10%	7.1%	3.4%	.	3.4%
	Sc2	8.3%	4.2%	7.8%	1.3%	-0.2%	-3.4%	-51%	14%	42%	15%	12%	0.4%	1.9%	0.4%
	Sc3	.	.	.	.	.	.	-52%	14%	21%	12%	11%	-3.5%	.	-3.5%
Poland	Sc1	-58%	54%	31%	8%	6.5%	-0.7%	.	-0.7%
	Sc2	-1.3%	-1.3%	7.6%	2.8%	8.8%	6.6%	-60%	11%	51%	14%	12%	-3.1%	4.8%	-3.1%
	Sc3	-60%	8.7%	24%	15%	12%	-7.2%	.	-7.2%

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Romania	Sc1	-55%	47%	27%	10%	8.1%	-0.1%	.	-0.1%
	Sc2	12%	9.3%	-2.8%	7.1%	7.2%	0.3%	-57%	4.9%	48%	15%	13%	-2.7%	4.1%	-2.7%
	Sc3	-57%	2.9%	20%	17%	13%	-7.1%	.	-7.1%
Portugal Santa Maria	Sc1	.	.	.	.	.	.	-58%	47%	37%	18%	9.7%	1.7%	.	1.7%
	Sc2	3.6%	12%	8.1%	5.3%	3.7%	0.2%	-60%	12%	60%	20%	14%	-0.4%	5.8%	-0.4%
	Sc3	.	.	.	.	.	.	-60%	11%	35%	19%	13%	-4.5%	.	-4.5%
Serbia/Montenegro/KFOR	Sc1	.	.	.	.	.	.	-56%	67%	31%	14%	11%	3.9%	.	.
	Sc2	6.9%	13%	7.9%	5.2%	12%	6.2%	-57%	11%	57%	21%	17%	0.9%	.	.
	Sc3	.	.	.	.	.	.	-57%	8.0%	26%	20%	17%	-4.1%	.	.
Slovakia	Sc1	.	.	.	.	.	.	-63%	54%	28%	9.7%	7.5%	-3.1%	.	-3.1%
	Sc2	6.0%	2.6%	6.2%	4.5%	9.0%	-0.4%	-65%	9.5%	49%	15%	13%	-5.6%	4.3%	-5.6%
	Sc3	.	.	.	.	.	.	-65%	7.3%	21%	16%	12%	-9.9%	.	-9.9%
Slovenia	Sc1	.	.	.	.	.	.	-57%	67%	26%	11%	8.3%	1.5%	.	1.5%
	Sc2	11.7%	1.5%	7.6%	4.6%	9.0%	9.7%	-58%	12%	50%	17%	14%	-1.3%	6.4%	-1.3%
	Sc3	.	.	.	.	.	.	-59%	9.6%	21%	17%	14%	-6.0%	.	-6.0%
Spain Continental	Sc1	.	.	.	.	.	.	-61%	81%	29%	12%	9.6%	2.5%	.	2.5%
	Sc2	3.8%	2.6%	8.5%	7.0%	5.9%	3.9%	-62%	22%	54%	19%	16%	-0.3%	5.6%	-0.3%
	Sc3	.	.	.	.	.	.	-62%	19%	25%	19%	16%	-5.1%	.	-5.1%
Sweden	Sc1	.	.	.	.	.	.	-56%	58%	23%	9%	6.8%	-0.4%	.	-0.4%
	Sc2	2.4%	2.1%	1.4%	6.3%	5.5%	0.2%	-58%	8.9%	45%	15%	13%	-2.9%	3.1%	-2.9%
	Sc3	.	.	.	.	.	.	-58%	6.4%	19%	16%	13%	-7.1%	.	-7.1%
Switzerland	Sc1	.	.	.	.	.	.	-62%	71%	28%	12%	9.1%	0.1%	.	0.1%
	Sc2	3.0%	1.9%	2.6%	7.4%	8.6%	1.6%	-63%	12%	53%	20%	15%	-2.8%	4.4%	-2.8%
	Sc3	.	.	.	.	.	.	-64%	9.6%	25%	18%	15%	-7.5%	.	-7.5%
Turkey	Sc1	.	.	.	.	.	.	-56%	52%	27%	11%	8.2%	0.5%	.	.
	Sc2	20%	11%	1%	11%	9.9%	2.6%	-57%	12%	46%	15%	14%	-1.7%	.	.
	Sc3	.	.	.	.	.	.	-57%	9.4%	19%	17%	13%	-6.0%	.	.
UK	Sc1	.	.	.	.	.	.	-59%	67%	29%	12%	8.8%	1.4%	.	1.4%
	Sc2	2.3%	1.7%	7.1%	8.2%	3.6%	3.3%	-61%	9.0%	58%	20%	15%	-1.4%	4.8%	-1.4%
	Sc3	.	.	.	.	.	.	-61%	6.8%	29%	18%	15%	-6.1%	.	-6.1%
Ukraine	Sc1	.	.	.	.	.	.	-59%	62%	30%	12%	9.5%	1.0%	.	.
	Sc2	-44%	-54%	-21%	25%	19%	8.4%	-61%	14%	52%	17%	15%	-1.8%	.	.
	Sc3	.	.	.	.	.	.	-61%	11%	22%	18%	15%	-6.3%	.	.
CRCO16	Sc1	.	.	.	.	.	.	-57%	62%	28%	11%	8.6%	1.3%	.	1.3%
	Sc2	5.8%	4.2%	4.2%	6.2%	6.1%	2.8%	-59%	12%	51%	18%	14%	-1.4%	4.7%	-1.4%
	Sc3	.	.	.	.	.	.	-59%	9.2%	23%	17%	14%	-5.9%	.	-5.9%
RP2Region	Sc1	.	.	.	.	.	.	-58%	63%	28%	11%	8.6%	1.3%	.	1.3%
	Sc2	4.4%	3.0%	4.5%	5.6%	5.6%	2.8%	-59%	12%	52%	18%	14%	-1.5%	4.3%	-1.5%
	Sc3	.	.	.	.	.	.	-59%	9.1%	24%	17%	14%	-6.0%	.	-6.0%
Total	Sc1	.	.	.	.	.	.	-57%	62%	28%	11%	8.6%	1.3%	.	1.3%
	Sc2	4.0%	2.9%	4.0%	6.3%	6.2%	2.8%	-59%	12%	51%	18%	14%	-1.3%	4.4%	-1.3%
	Sc3	.	.	.	.	.	.	-59%	9.4%	23%	17%	14%	-5.9%	.	-5.9%

Table 5. Summary of Forecast of Terminal Navigation Service Units (TNSU) per Terminal Charging Zone (Thousands)

Nov-20



TNSU (Thousands)			2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	RP3 AAGR 2020-2024 (vs 2019)
Austria	LO_TCZ	Sc1	.	.	.	.	.	89	157	190	207	222	0.7%
		Sc2	181	182	183	197	215	85	102	148	170	192	-2.2%
		Sc3	.	.	.	.	.	85	98	115	133	150	-6.9%
Belgium	EB_TCZ_EBBR	Sc1	.	.	.	.	.	73	124	152	167	178	1.9%
		Sc2	155	146	158	161	162	70	82	121	139	157	-0.7%
		Sc3	.	.	.	.	.	70	80	95	112	124	-5.3%
Czech Republic	LK_TCZ	Sc1	.	.	.	.	.	32	62	81	91	100	0.1%
		Sc2	75	81	90	98	99	31	38	61	73	85	-3.0%
		Sc3	.	.	.	.	.	30	37	45	55	64	-8.4%
Denmark	EK_TCZ	Sc1	.	.	.	.	.	66	109	132	146	158	-1.6%
		Sc2	158	169	165	172	172	63	72	102	119	136	-4.5%
		Sc3	.	.	.	.	.	63	70	81	92	105	-9.4%
Estonia	EE_TCZ	Sc1	.	.	.	.	.	8	14	17	19	22	2.2%
		Sc2	16	16	18	19	20	8	10	14	16	18	-1.4%
		Sc3	.	.	.	.	.	8	9	11	13	14	-6.3%
Finland	EF_TCZ	Sc1	.	.	.	.	.	44	82	102	111	121	-0.6%
		Sc2	101	103	109	121	125	42	50	76	88	104	-3.7%
		Sc3	.	.	.	.	.	41	48	57	67	77	-9.1%
France	LF_TCZ_1	Sc1	.	.	.	.	.	273	465	583	644	696	2.9%
		Sc2	569	576	581	594	604	264	306	461	535	607	0.1%
		Sc3	.	.	.	.	.	262	298	353	418	472	-4.8%
	LF_TCZ_2	Sc1	.	.	.	.	.	255	408	479	519	554	0.3%
		Sc2	480	497	518	528	546	247	286	396	450	500	-1.7%
		Sc3	.	.	.	.	.	246	279	317	364	405	-5.8%
Germany	ED_TCZ	Sc1	.	.	.	.	.	641	1,077	1,320	1,438	1,530	0.6%
		Sc2	1,339	1,388	1,414	1,464	1,484	619	707	1,046	1,201	1,353	-1.8%
		Sc3	.	.	.	.	.	615	687	815	945	1,063	-6.5%
Greece	LG_TCZ	Sc1	.	.	.	.	.	62	110	138	156	167	4.9%
		Sc2	100	108	113	126	132	60	73	110	129	147	2.2%
		Sc3	.	.	.	.	.	59	71	86	101	114	-2.8%
Hungary	LH_TCZ	Sc1	.	.	.	.	.	32	59	75	82	91	2.6%
		Sc2	55	59	64	73	80	31	38	58	68	78	-0.5%
		Sc3	.	.	.	.	.	31	37	45	54	62	-5.1%
Ireland	EI_TCZ	Sc1	.	.	.	.	.	73	130	161	174	188	0.0%
		Sc2	150	163	172	183	188	70	82	122	143	163	-2.8%
		Sc3	.	.	.	.	.	70	80	94	110	124	-8.0%
Italy	LI_TCZ_1	Sc1	.	.	.	.	.	75	140	180	199	215	-1.6%
		Sc2	222	226	218	230	234	72	92	142	166	189	-4.2%
		Sc3	.	.	.	.	.	71	89	110	130	147	-8.8%
	LI_TCZ_2	Sc1	145	263	336	370	398	2.9%
		Sc2	286	300	314	331	344	140	175	264	306	350	0.4%
		Sc3	139	169	206	244	275	-4.4%

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Latvia	EV_TCZ	Sc1	19	32	40	44	47	1.2%
		Sc2	32	32	36	41	45	19	22	32	36	42	-1.4%
		Sc3	19	22	26	29	33	-6.0%
Luxembourg	EL_TCZ	Sc1	.	.	.	.	.	40	54	68	74	80	7.1%
		Sc2	41	46	51	55	56	39	41	58	66	73	5.3%
		Sc3	.	.	.	.	.	39	41	51	58	63	2.3%
Malta	LM_TCZ	Sc1	.	.	.	.	.	16	31	40	45	49	5.8%
		Sc2	25	27	31	35	37	15	19	30	36	42	2.6%
		Sc3	.	.	.	.	.	15	19	23	28	32	-2.6%
Netherlands	EH_TCZ	Sc1	.	.	.	.	.	214	343	428	466	491	3.6%
		Sc2	369	390	406	413	412	208	232	348	398	441	1.4%
		Sc3	.	.	.	.	.	207	226	285	327	364	-2.4%
Norway	EN_TCZ	Sc1	.	.	.	.	.	131	197	221	236	247	-0.3%
		Sc2	242	242	246	253	251	127	144	176	195	207	-3.8%
		Sc3	.	.	.	.	.	126	144	157	165	177	-6.7%
Poland	EP_TCZ_EPWA	Sc1	.	.	.	.	.	46	79	98	107	115	1.5%
		Sc2	71	79	91	103	107	44	52	78	90	102	-0.9%
		Sc3	.	.	.	.	.	44	50	60	71	81	-5.5%
	EP_TCZ_OTHR	Sc1	.	.	.	.	.	64	110	129	139	149	1.6%
		Sc2	96	104	113	131	137	61	74	106	122	134	-0.5%
		Sc3	.	.	.	.	.	61	71	84	98	111	-4.2%
Portugal	LP_TCZ	Sc1	.	.	.	.	.	124	221	282	314	337	2.9%
		Sc2	206	231	258	273	291	120	148	225	264	298	0.4%
		Sc3	.	.	.	.	.	119	144	181	213	240	-3.9%
Romania	LR_TCZ	Sc1	.	.	.	.	.	33	57	69	75	82	2.1%
		Sc2	55	62	68	72	74	32	38	56	64	73	-0.3%
		Sc3	.	.	.	.	.	32	37	45	52	59	-4.3%
Spain	LE_TCZ	Sc1	.	.	.	.	.	358	652	826	925	1,007	1.2%
		Sc2	681	741	781	825	948	345	429	657	780	896	-1.1%
		Sc3	.	.	.	.	.	342	415	512	612	705	-5.8%
Sweden	ES_TCZ_A	Sc1	.	.	.	.	.	54	107	133	147	158	1.0%
		Sc2	137	144	193	194	150	52	63	99	117	136	-2.0%
		Sc3	.	.	.	.	.	51	60	73	88	102	-7.5%
Switzerland	LS_TCZ	Sc1	.	.	.	.	.	116	203	248	270	288	-0.3%
		Sc2	267	280	284	291	293	112	131	195	222	252	-2.9%
		Sc3	.	.	.	.	.	111	127	151	174	196	-7.7%
UK	EG_TCZ_B	Sc1	.	.	.	.	.	524	935	1,171	1,285	1,375	0.9%
		Sc2	1,187	1,256	1,293	1,304	1,312	504	603	923	1,064	1,207	-1.7%
		Sc3	.	.	.	.	.	500	585	707	830	939	-6.5%
	EG_TCZ_C	Sc1	.	.	.	.	.	412	730	915	1,003	1,074	1.7%
		Sc2	908	947	965	982	989	397	473	725	834	943	-1.0%
		Sc3	.	.	.	.	.	394	459	557	652	738	-5.7%



Table 6. Summary of Forecast of Terminal Navigation Service Units (TNSU) Growth per Terminal Charging Zone (TCZ)

Nov-20

TNSU Growth			2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	RP3 AAGR 2020-2024 (vs 2019)
Austria	LO_TCZ	Sc1	.	.	.	.	.	-59%	77%	21%	9.0%	7.2%	0.7%
		Sc2	1.3%	0.5%	1.0%	7.5%	8.9%	-60%	19%	45%	15%	13%	-2.2%
		Sc3	.	.	.	.	.	-61%	16%	17%	16%	13%	-6.9%
Belgium	EB_TCZ_EBBR	Sc1	.	.	.	.	.	-55%	70%	23%	9.5%	6.9%	1.9%
		Sc2	5.5%	-5.6%	8.1%	2.1%	0.8%	-57%	17%	47%	15%	13%	-0.7%
		Sc3	.	.	.	.	.	-57%	14%	20%	17%	11%	-5.3%
Czech Republic	LK_TCZ	Sc1	.	.	.	.	.	-68%	93%	31%	12%	9.2%	0.1%
		Sc2	3.6%	7.9%	11%	7.9%	1.5%	-69%	25%	59%	20%	17%	-3.0%
		Sc3	.	.	.	.	.	-69%	22%	21%	23%	16%	-8.4%
Denmark	EK_TCZ	Sc1	.	.	.	.	.	-62%	66%	21%	10%	9%	-1.6%
		Sc2	2.4%	6.7%	-2.3%	4.0%	0.1%	-63%	13%	42%	17%	15%	-4.5%
		Sc3	.	.	.	.	.	-63%	11%	16%	14%	14%	-9.4%
Estonia	EE_TCZ	Sc1	.	.	.	.	.	-58%	71%	21%	13%	12%	2.2%
		Sc2	5.6%	0.5%	14%	5.7%	1.2%	-59%	19%	44%	14%	17%	-1.4%
		Sc3	.	.	.	.	.	-59%	16%	20%	15%	11%	-6.3%
Finland	EF_TCZ	Sc1	.	.	.	.	.	-65%	87%	25%	8.8%	8.6%	-0.6%
		Sc2	1.1%	2.1%	6.0%	11%	3.3%	-67%	19%	53%	16%	17%	-3.7%
		Sc3	.	.	.	.	.	-67%	15%	19%	18%	15%	-9.1%
France	LF_TCZ_1	Sc1	.	.	.	.	.	-55%	70%	25%	10%	8.1%	2.9%
		Sc2	2.3%	1.3%	0.9%	2.2%	1.7%	-56%	16%	51%	16%	14%	0.1%
		Sc3	.	.	.	.	.	-57%	14%	19%	19%	13%	-4.8%
	LF_TCZ_2	Sc1	.	.	.	.	.	-53%	60%	17%	8.4%	6.8%	0.3%
		Sc2	1.0%	3.4%	4.4%	1.8%	3.3%	-55%	16%	39%	13%	11%	-1.7%
		Sc3	.	.	.	.	.	-55%	14%	14%	15%	11%	-5.8%
Germany	ED_TCZ	Sc1	.	.	.	.	.	-57%	68%	23%	8.9%	6.4%	0.6%
		Sc2	2.1%	3.7%	1.9%	3.5%	1.3%	-58%	14%	48%	15%	13%	-1.8%
		Sc3	.	.	.	.	.	-59%	12%	19%	16%	13%	-6.5%
Greece	LG_TCZ	Sc1	.	.	.	.	.	-53%	78%	26%	13%	7.7%	4.9%
		Sc2	16%	8.2%	4.3%	12%	4.2%	-55%	22%	50%	18%	14%	2.2%
		Sc3	.	.	.	.	.	-55%	20%	21%	18%	13%	-2.8%
Hungary	LH_TCZ	Sc1	.	.	.	.	.	-60%	83%	27%	10%	10%	2.6%
		Sc2	9.0%	6.9%	8.2%	15%	9.1%	-61%	23%	53%	18%	14%	-0.5%
		Sc3	.	.	.	.	.	-62%	20%	22%	20%	14%	-5.1%
Ireland	EI_TCZ	Sc1	.	.	.	.	.	-61%	78%	24%	8.4%	7.8%	0.0%
		Sc2	8.8%	9.2%	5.1%	6.3%	2.8%	-63%	17%	48%	17%	14%	-2.8%
		Sc3	.	.	.	.	.	-63%	14%	18%	17%	12%	-8.0%
Italy	LI_TCZ_1	Sc1	.	.	.	.	.	-68%	87%	28%	11%	8.1%	-1.6%
		Sc2	1.6%	1.8%	-3.6%	5.7%	1.6%	-69%	28%	55%	17%	14%	-4.2%
		Sc3	.	.	.	.	.	-70%	25%	24%	19%	13%	-8.8%
	LI_TCZ_2	Sc1	-58%	81%	28%	10%	7.4%	2.9%
		Sc2	4.0%	5.0%	4.4%	5.4%	4.1%	-59%	25%	51%	16%	15%	0.4%
		Sc3	-60%	22%	22%	18%	13%	-4.4%

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Latvia	EV_TCZ	Sc1	-56%	65%	24%	12%	6.8%	1.2%
		Sc2	3.3%	-0.1%	11%	15%	8.1%	-58%	19%	45%	11%	16%	-1.4%
		Sc3	-58%	16%	20%	13%	11%	-6.0%
Luxembourg	EL_TCZ	Sc1	.	.	.	.	.	-29%	36%	25%	9.9%	7.1%	7.1%
		Sc2	5.5%	11%	12%	6.8%	3.2%	-31%	6%	41%	14%	9.7%	5.3%
		Sc3	.	.	.	.	.	-31%	6%	25%	13%	9.3%	2.3%
Malta	LM_TCZ	Sc1	.	.	.	.	.	-58%	97%	30%	12%	10%	5.8%
		Sc2	6.1%	6.1%	16%	13%	5.4%	-59%	27%	59%	20%	15%	2.6%
		Sc3	.	.	.	.	.	-60%	25%	22%	23%	17%	-2.6%
Netherlands	EH_TCZ	Sc1	.	.	.	.	.	-48%	60%	25%	8.8%	5.4%	3.6%
		Sc2	3.5%	5.7%	4.1%	1.7%	-0.2%	-50%	12%	50%	14%	11%	1.4%
		Sc3	.	.	.	.	.	-50%	9.4%	26%	15%	11%	-2.4%
Norway	EN_TCZ	Sc1	.	.	.	.	.	-48%	50%	12%	6.9%	4.8%	-0.3%
		Sc2	-2.5%	0.1%	1.7%	2.6%	-0.6%	-49%	13%	23%	11%	6.1%	-3.8%
		Sc3	.	.	.	.	.	-50%	14%	9%	5.1%	7.7%	-6.7%
Poland	EP_TCZ_EPWA	Sc1	.	.	.	.	.	-57%	73%	24%	9.6%	7.5%	1.5%
		Sc2	2.6%	11%	15%	13%	4.3%	-59%	17%	51%	15%	13%	-0.9%
		Sc3	.	.	.	.	.	-59%	14%	21%	18%	14%	-5.5%
	EP_TCZ_OTHR	Sc1	.	.	.	.	.	-54%	72%	18%	7.4%	7.3%	1.6%
		Sc2	10%	7.8%	9.2%	15%	5.0%	-55%	20%	44%	15%	9.7%	-0.5%
		Sc3	.	.	.	.	.	-56%	17%	18%	17%	14%	-4.2%
Portugal	LP_TCZ	Sc1	.	.	.	.	.	-57%	78%	28%	11%	7.4%	2.9%
		Sc2	7.2%	12%	12%	6.1%	6.7%	-59%	24%	52%	17%	13%	0.4%
		Sc3	.	.	.	.	.	-59%	21%	26%	18%	13%	-3.9%
Romania	LR_TCZ	Sc1	.	.	.	.	.	-55%	73%	21%	9.1%	8.5%	2.1%
		Sc2	8.6%	13%	9.5%	6.9%	2.1%	-57%	19%	46%	16%	13%	-0.3%
		Sc3	.	.	.	.	.	-57%	17%	20%	17%	13%	-4.3%
Spain	LE_TCZ	Sc1	.	.	.	.	.	-62%	82%	27%	12%	8.9%	1.2%
		Sc2	4.5%	8.9%	5.4%	5.6%	15%	-64%	24%	53%	19%	15%	-1.1%
		Sc3	.	.	.	.	.	-64%	21%	23%	19%	15%	-5.8%
Sweden	ES_TCZ_A	Sc1	.	.	.	.	.	-64%	98%	24%	10%	7.9%	1.0%
		Sc2	1.1%	4.9%	34%	0.7%	-22.6%	-66%	22%	58%	17%	17%	-2.0%
		Sc3	.	.	.	.	.	-66%	18%	20%	22%	16%	-7.5%
Switzerland	LS_TCZ	Sc1	.	.	.	.	.	-60%	75%	22%	9.0%	6.8%	-0.3%
		Sc2	1.7%	4.9%	1.4%	2.5%	0.7%	-62%	17%	50%	14%	14%	-2.9%
		Sc3	.	.	.	.	.	-62%	14%	19%	15%	13%	-7.7%
UK	EG_TCZ_B	Sc1	.	.	.	.	.	-60%	79%	25%	9.7%	7.0%	0.9%
		Sc2	3.9%	5.8%	2.9%	0.9%	0.6%	-62%	20%	53%	15%	14%	-1.7%
		Sc3	.	.	.	.	.	-62%	17%	21%	18%	13%	-6.5%
	EG_TCZ_C	Sc1	.	.	.	.	.	-58%	77%	25%	9.7%	7.1%	1.7%
		Sc2	3.5%	4.3%	1.9%	1.8%	0.7%	-60%	19%	53%	15%	13%	-1.0%
		Sc3	.	.	.	.	.	-60%	17%	21%	17%	13%	-5.7%

Table 7.1. GDP Growth by Traffic Zone

Source: 2005-2024 from Oxford Economics Ltd Oct2020 (Release: 23/10/2020)

Comments: Real GDP Growth in Euro.

Units: Growth per year. Data last updated: 26/10/2020

	Actual			Base				
	2017	2018	2019	2020	2021	2022	2023	2024
Albania	3.8%	4.1%	2.2%	-6.3%	7.2%	6.0%	4.6%	4.1%
Algeria	1.3%	1.4%	0.8%	-12.0%	6.8%	3.0%	2.6%	2.8%
Armenia	7.5%	5.2%	7.6%	-4.5%	8.9%	5.6%	4.7%	4.5%
Austria	2.5%	2.5%	1.4%	-7.1%	6.6%	4.0%	2.4%	1.9%
Azerbaijan	0.2%	1.5%	2.5%	-5.9%	9.1%	4.0%	3.5%	3.5%
Belarus	2.5%	3.2%	1.2%	-2.8%	1.9%	2.3%	1.8%	2.2%
Belgium/Luxembourg	1.9%	1.5%	1.4%	-7.7%	5.5%	4.5%	3.2%	1.6%
Bosnia and Herzegovina	3.0%	3.3%	2.9%	-5.4%	5.7%	6.2%	4.3%	3.1%
Bulgaria	3.5%	3.2%	3.4%	-4.9%	4.7%	4.3%	3.0%	2.6%
Canary Islands	3.0%	2.4%	2.0%	-12.0%	6.2%	4.6%	3.3%	2.7%
Croatia	3.2%	2.7%	3.0%	-7.4%	6.6%	7.1%	2.5%	2.2%
Cyprus	4.4%	4.1%	3.2%	-6.6%	5.9%	5.3%	3.6%	2.7%
Czech Republic	5.4%	3.2%	2.3%	-6.3%	5.7%	5.0%	3.4%	2.3%
Denmark	2.8%	2.2%	2.8%	-3.6%	3.3%	2.2%	2.2%	2.2%
Egypt	4.1%	5.3%	5.6%	0.3%	-4.2%	7.9%	4.6%	4.2%
Estonia	5.2%	4.4%	4.9%	-3.2%	5.5%	3.5%	3.2%	3.0%
Finland	3.3%	1.5%	1.1%	-3.3%	1.8%	1.6%	1.4%	1.3%
France	2.4%	1.8%	1.5%	-9.0%	6.8%	3.8%	2.9%	1.9%
Georgia	6.0%	5.2%	5.1%	-1.3%	6.6%	5.5%	4.5%	4.4%
Germany	2.9%	1.3%	0.6%	-5.3%	4.8%	3.3%	1.5%	1.0%
Greece	1.4%	1.9%	1.9%	-8.3%	7.3%	7.4%	3.3%	1.2%
Hungary	4.5%	5.4%	4.6%	-6.4%	5.1%	5.0%	3.4%	2.3%
Iceland	4.5%	3.8%	1.9%	-8.2%	8.1%	4.7%	2.1%	1.5%
Ireland	9.4%	9.3%	5.9%	-2.3%	2.4%	2.6%	2.3%	1.9%
Italy	1.7%	0.8%	0.3%	-9.8%	6.0%	3.8%	1.6%	0.7%
Kazakhstan	4.0%	4.1%	4.5%	-2.9%	5.7%	7.2%	6.5%	5.8%
Kyrgyzstan	4.7%	3.8%	4.5%	-3.3%	5.3%	5.1%	2.9%	1.7%
Latvia	3.8%	4.5%	2.2%	-5.2%	6.4%	4.0%	3.0%	2.7%
Libya	0.9%	-1.9%	-5.6%	-25.0%	-4.4%	0.9%	1.0%	2.4%
Lisbon FIR	3.5%	2.8%	2.2%	-9.1%	6.3%	5.6%	1.8%	0.0%
Lithuania	4.4%	3.7%	3.9%	-1.5%	4.1%	4.4%	3.3%	1.9%
Malta	8.0%	5.1%	5.0%	-9.0%	4.4%	5.4%	2.6%	2.3%
Moldova	4.7%	2.8%	3.6%	-5.8%	5.0%	5.0%	3.6%	3.7%
Morocco	4.0%	3.1%	2.4%	-6.8%	7.7%	4.1%	3.7%	3.7%
Netherlands	3.0%	2.3%	1.6%	-4.8%	3.7%	3.1%	1.9%	1.5%
North Macedonia	1.1%	2.7%	3.6%	-5.5%	5.4%	3.1%	3.1%	2.7%
Norway	2.7%	1.5%	1.2%	-2.7%	2.5%	2.8%	2.2%	1.9%
Poland	5.0%	5.4%	4.2%	-3.0%	4.4%	4.1%	3.0%	2.4%
Romania	6.9%	4.5%	4.1%	-4.6%	3.5%	3.5%	3.0%	2.5%
Russian Federation	1.8%	2.5%	1.3%	-4.1%	1.9%	3.0%	2.0%	2.2%
Santa Maria FIR	3.5%	2.8%	2.2%	-9.1%	6.3%	5.6%	1.8%	0.0%
Serbia/Montenegro	2.0%	4.4%	4.1%	-2.2%	6.5%	4.5%	4.1%	3.5%
Slovakia	3.0%	3.9%	2.4%	-7.0%	6.0%	5.5%	4.3%	2.9%
Slovenia	5.1%	4.2%	2.4%	-7.6%	6.4%	5.1%	4.0%	3.2%
Spain	3.0%	2.4%	2.0%	-12.0%	6.2%	4.6%	3.3%	2.7%
Sweden	2.8%	2.1%	1.3%	-4.0%	3.5%	2.4%	2.4%	2.0%
Switzerland	1.7%	3.0%	1.1%	-3.5%	3.7%	3.6%	1.2%	1.8%
Tajikistan	7.1%	7.1%	6.7%	-1.9%	5.6%	5.4%	5.0%	4.9%
Tunisia	1.9%	2.7%	1.0%	-10.0%	8.6%	5.5%	3.7%	3.7%
Turkey	7.5%	3.0%	0.9%	-2.8%	4.6%	4.6%	4.6%	4.5%
Turkmenistan	6.5%	6.2%	6.3%	-6.1%	12.0%	8.2%	6.5%	5.9%
UK	1.7%	1.3%	1.3%	-10.0%	6.7%	5.9%	2.2%	1.7%
Ukraine	2.5%	3.4%	3.2%	-4.9%	3.8%	3.9%	3.2%	2.7%
Uzbekistan	4.5%	5.1%	5.5%	-0.8%	6.4%	8.1%	7.6%	6.9%

Table 7.2. GDP Growth by Origin-Destination Zone

Source: 1993-2004 from STATFOR records. 2005 onwards from Oxford Economics Ltd, Oct20 (Release: 23/10/2020)

Comments: Real GDP Growth in local currency.

Units: Growth per year. Data last updated: 26/10/2020

	Actual			Base				
	2017	2018	2019	2020	2021	2022	2023	2024
Brazil	1.6%	1.2%	1.1%	-4.6%	3.9%	3.6%	3.0%	2.3%
China	6.9%	6.7%	6.1%	2.0%	7.6%	5.1%	4.9%	4.9%
India	6.6%	6.8%	4.9%	-10.0%	9.2%	6.3%	7.6%	7.7%
Israel	3.6%	3.6%	3.4%	-7.5%	3.2%	5.6%	5.0%	5.4%
South Africa	1.4%	0.8%	0.2%	-8.9%	4.9%	3.1%	2.4%	2.6%

Table 7.3. GDP Growth by Traffic Region

Source: 2005 onwards updated from Oxford Economics Oct2020 (Release: 23/10/2020)

Comments: Real GDP Growth.

Units: Growth per year. Data last updated: 26/10/2020

	Actual			Base				
	2017	2018	2019	2020	2021	2022	2023	2024
Asia/Pacific	3.4%	2.6%	2.2%	-4.0%	3.9%	4.3%	3.5%	3.2%
ECAC North-East	3.7%	3.0%	2.2%	-3.8%	3.7%	3.3%	2.6%	2.1%
ECAC North-West	2.5%	1.9%	1.3%	-7.2%	5.5%	4.1%	2.1%	1.6%
ECAC Oceanic	4.5%	3.8%	1.9%	-8.2%	8.1%	4.7%	2.1%	1.5%
ECAC South-East	3.7%	2.0%	1.2%	-7.1%	5.6%	4.4%	2.8%	2.2%
ECAC South-West	3.1%	2.5%	2.0%	-11.0%	6.2%	4.7%	3.0%	2.3%
Mid-Atlantic	2.2%	2.0%	0.5%	-8.5%	5.6%	3.5%	2.8%	2.6%
Middle-East	0.5%	-0.2%	-0.6%	-7.5%	3.2%	3.6%	3.7%	2.6%
North Atlantic	2.4%	2.9%	2.1%	-3.7%	3.8%	2.9%	2.3%	2.1%
North-Africa	9.0%	4.3%	1.4%	-22.0%	19.0%	9.2%	4.5%	4.4%
Other Europe	1.9%	2.6%	1.4%	-3.9%	2.0%	3.0%	2.0%	2.2%
South-Atlantic	0.8%	-0.6%	-1.7%	-9.7%	6.3%	3.6%	3.6%	3.3%
Southern Africa	3.0%	3.1%	3.1%	-3.7%	3.7%	4.4%	4.6%	4.6%



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