Appendix A

International trade statistics
Export of goods to all countries of the world

I. Turkey

in mln. euro

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total – all products	24 964	30 182	35 062	38 137	41 761	50 891	58 849	68 020	78 126	89 557	73 284	85 298	96 973	118 644	114 563	118 654	129 555	128 792	139 229
Food, drinks and tobacco	3 553	3 740	4 228	3 744	3 909	4 520	5 783	5 903	6 267	6 924	7 196	8 521	9 518	10 707	11 522	12 519	14 028	13 421	13 751
Food and live animals	2 992	3 162	3 703	3 283	3 472	4 045	5 193	5 249	5 682	6 306	6 527	7 849	8 869	9 855	10 621	11 471	12 920	12 255	12 637
Beverages and tobacco	561	577	525	461	437	475	590	654	584	618	669	672	649	852	901	1 047	1 108	1 166	1 114
Raw materials	890	764	884	840	1 035	1 109	1 387	1 851	2 041	2 323	1 886	2 791	3 355	4 055	4 686	4 193	4 099	4 220	4 903
Crude materials, inedible, except fuels	651	656	681	737	809	944	1 064	1 498	1 833	1 932	1 581	2 541	2 750	3 239	3 770	3 447	3 346	3 445	4 110
Mineral fuels, lubricants and related materials	316	358	499	733	868	1 151	2 107	2 835	3 731	5 075	2 762	3 309	4 597	5 811	4 895	4 434	3 875	2 734	3 618
Animal and vegetable oils, fats and waxes	239	108	203	103	226	165	322	353	209	392	306	250	606	816	917	745	753	775	793
Chemicals and related products, n.e.s.	888	1 172	1 423	1 444	1 524	1 886	2 249	2 850	3 197	3 851	3 467	4 577	5 109	6 227	6 466	6 902	7 466	7 032	7 329
Other manufactured goods	14 273	17 483	19 645	21 745	22 880	26 877	29 223	32 291	36 424	41 460	32 978	39 557	44 900	50 746	51 908	54 168	56 202	55 123	58 924
Manufactured goods classified chiefly by material	7 127	8 928	10 585	11 231	11 688	15 003	16 335	18 971	21 865	27 431	20 515	24 887	28 928	32 047	31 510	31 716	31 848	30 894	34 310
Machinery and transport equipment	4 741	6 240	8 007	9 110	10 913	14 771	17 261	20 975	24 927	26 461	20 587	23 753	26 903	29 064	30 955	32 150	35 364	37 166	42 705
Miscellaneous manufactured articles	7 146	8 555	9 060	10 514	11 192	11 873	12 888	13 320	14 558	14 029	12 462	14 670	15 972	18 699	20 397	22 452	24 354	24 229	24 614

II. Austria

Appendix A

in mln. euro

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total – all products	83 199	85 879	95 165	100 621	108 913	119 387	123 259	98 214	115 079	127 462	129 679	131 885	134 173	137 757	137 410	148 756
Food, drinks and tobacco	4 325	4 923	5 421	6 071	6 901	7 469	8 067	7 356	7 959	8 755	9 212	9 461	9 702	10 036	10 309	10 965
Raw materials	2 661	2 751	3 026	3 017	3 380	3 955	3 900	3 174	3 963	4 354	4 148	4 207	4 102	4 198	4 453	4 825
Mineral fuels, lubricants and related materials	1 871	2 039	2 933	4 406	2 470	3 210	4 151	3 036	3 598	4 239	4 654	3 482	3 184	2 672	2 297	2 802
Chemicals and related products, n.e.s.	8 151	8 223	8 361	9 541	11 258	12 331	13 116	12 186	14 167	15 706	16 618	17 089	18 236	18 344	18 079	20 191
Other manufactured goods	28 965	29 922	31 854	34 693	38 741	41 252	43 398	34 432	39 942	44 711	44 069	44 113	44 869	45 662	44 879	48 191
Machinery and transport equipment	36 610	37 492	43 110	42 353	45 643	49 386	48 952	37 085	43 698	47 902	49 450	52 181	53 082	55 820	56 390	60 946
Commodities and transactions not classified elsewhere in the SITC	616	529	459	540	520	1 785	1 675	945	1 752	1 797	1 529	1 352	998	1 025	1 002	837

III. Belgium

in mln. euro

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total – all products	228 561	225 970	246 697	268 789	292 087	314 449	320 805	265 986	307 530	341 718	347 089	352 956	355 288	357 772	359 833	381 389
Food, drinks and tobacco	19 085	19 251	20 129	21 318	22 292	24 450	26 494	24 986	26 022	28 465	30 191	30 977	31 777	33 568	34 919	36 906
Raw materials	5 457	5 653	6 633	7 035	8 296	8 899	9 138	7 035	9 118	10 557	10 747	10 391	10 120	9 625	9 640	10 404
Mineral fuels, lubricants and related materials	9 937	12 089	14 115	18 708	23 295	22 097	29 974	20 084	27 362	37 003	39 918	45 250	40 418	29 877	24 904	31 785

Chemicals and related products, n.e.s.	61 711	61 858	68 600	77 146	83 044	91 021	90 222	85 558	97 287	99 157	102 087	103 094	101 319	105 970	105 911	107 487
Other manufactured goods	68 177	63 991	70 292	76 058	83 312	92 145	88 604	69 214	81 125	90 417	87 328	85 542	88 128	90 657	92 325	97 891
Machinery and transport equipment	63 690	62 708	66 515	67 959	71 186	75 066	74 378	57 163	62 742	70 779	72 110	71 324	73 035	77 738	81 467	85 495
Commodities and transactions not classified elsewhere in the SITC	503	420	414	565	663	771	1 996	1 946	3 874	5 340	4 708	6 379	10 492	10 338	10 669	11 421

IV. France

in mln. euro

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total – all products	350 803	346 569	363 458	372 501	394 925	408 327	418 983	348 035	395 087	428 501	442 643	437 151	437 786	456 515	453 076	473 721
Food, drinks and tobacco	35 706	36 425	36 289	36 973	39 330	42 498	45 480	40 815	44 758	51 778	53 071	55 297	53 653	54 873	54 193	56 404
Raw materials	6 620	6 790	7 896	8 068	9 956	10 475	10 979	7 862	10 272	13 467	12 799	11 895	11 711	11 227	11 055	12 349
Mineral fuels, lubricants and related materials	7 748	8 432	9 650	14 412	16 273	17 109	23 027	13 598	15 471	20 534	21 308	18 652	18 191	14 697	11 180	14 184
Chemicals and related products, n.e.s.	53 314	53 624	56 777	60 423	66 091	69 804	73 431	67 394	69 543	78 702	82 877	82 857	82 977	85 097	83 954	89 227
Other manufactured goods	78 130	77 421	82 225	85 435	93 434	99 246	98 502	80 619	88 599	98 298	98 072	97 865	99 692	104 409	103 725	108 810
Machinery and transport equipment	163 510	158 801	163 658	161 181	163 135	162 664	161 293	132 051	151 679	158 837	166 946	163 677	165 188	178 286	180 713	184 907
Commodities and transactions not classified elsewhere in the SITC	5 776	5 076	6 964	6 009	6 706	6 530	6 271	5 696	14 765	6 885	7 572	6 908	6 374	7 927	8 257	7 841

V. Germany

in mln. euro

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017

Total – all products	651 259	664 392	731 479	780 415	882 532	964 038	983 255	803 012	949 629	1 058 897	1 090 530	1 088 071	1 125 034	1 195 822	1 205 489	1 281 947
Food, drinks and tobacco	27 995	29 141	30 780	34 752	38 298	43 432	48 002	46 050	49 495	54 722	57 956	61 211	62 445	64 266	65 751	68 138
Raw materials	10 423	10 153	11 807	13 922	17 449	20 370	20 803	14 960	20 954	24 610	24 173	22 544	22 401	21 863	21 268	23 535
Mineral fuels, lubricants and related materials	9 303	10 696	14 177	17 313	23 103	23 071	26 448	17 372	20 375	27 114	31 879	30 737	29 872	29 081	23 078	25 922
Chemicals and related products, n.e.s.	79 314	84 801	96 782	105 434	121 382	134 796	140 849	130 584	150 679	162 074	169 769	172 956	179 441	189 932	191 490	206 650
Other manufactured goods	156 417	156 387	173 783	187 691	217 260	239 768	242 073	199 068	229 794	257 340	254 767	253 712	260 424	272 018	274 949	296 859
Machinery and transport equipment	349 159	349 982	381 212	400 496	441 692	481 159	478 219	376 774	456 176	508 543	527 265	524 890	546 829	593 542	602 896	640 064
Commodities and transactions not classified elsewhere in the SITC	18 648	23 232	22 938	20 806	23 347	21 442	26 862	18 204	22 157	24 496	24 721	22 022	23 623	25 120	26 057	20 779

VI. The Netherlands

in mln. euro

	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Total – all products	258 099	261 680	287 336	326 640	369 249	401 901	433 722	356 962	433 173	479 239	510 098	505 652	506 339	514 309	515 935	577 087
Food, drinks and tobacco	37 267	37 197	38 539	40 221	42 571	46 770	50 640	48 255	53 400	57 364	59 573	63 693	64 851	66 178	69 529	73 257
Raw materials	14 841	14 938	17 536	18 756	21 290	23 586	25 369	20 702	26 088	29 811	29 563	28 103	26 993	26 969	25 518	29 656
Mineral fuels, lubricants and related materials	22 522	23 017	19 163	38 799	51 385	53 141	72 597	48 387	64 088	83 522	104 517	101 571	88 317	66 959	59 045	72 619
Chemicals and related products, n.e.s.	38 081	38 970	45 271	49 923	55 690	62 336	60 457	51 458	63 221	74 975	79 828	79 002	81 626	86 209	83 807	93 778
Other manufactured goods	54 634	55 012	60 307	66 610	79 406	80 916	81 318	66 737	80 176	88 033	87 104	88 296	93 082	98 744	103 618	114 346

Appendix A

Machinery and transport equipment	83 969	86 210	96 019	108 706	115 237	131 716	130 583	108 407	132 611	140 428	145 262	141 938	148 687	166 274	168 949	188 915
Commodities and transactions not classified elsewhere in the SITC	6 785	6 336	10 502	3 625	3 671	3 436	12 758	13 016	13 589	5 107	4 252	3 049	2 782	2 974	5 468	4 517

Notes

The data has been extracted from Eurostat's (statistical office of the European Union) official website https://ec.europa.eu/eurostat/web/international-trade-in-goods/data/database. The above statistics shows the dynamics in export value (in millions of euro) for each country's merchandise goods over years. For each country there is a data split in accordance with Standard international trade classification (SITC) over years. SITC allows for international comparisons of commodities and manufactured goods across countries. It should be noted that classification of goods between the five European countries and Turkey is slightly different as per the data source (classification of Turkey's goods is somewhat more detailed compared to that of the European countries), therefore, for the purpose of statistical analysis, some categories of goods have been consolidated for consistency.

To achieve more accurate estimations, a longer period 1999-2017 has been selected. However, trade data for the European core countries, i.e. the five economically largest economies of the European Monetary Union, is available only starting from 2002. Trade data for Turkey is available from the year 1999. Therefore, the statistical analysis may have some impact due to unavailability of data for the European countries from 1999 to 2001.

The data presented in the tables above has been used to compare the degree of Turkey's trade specialization to the core European Monetary Union (EMU) countries and, therefore to measure the synchronicity of Turkish economy's business cycles with those of the EMU member states. The high degree of synchronicity of country's business cycles signals about its greater suitability to enter into the currency union.