



APPENDIX TABLE 6-18

Value added of testing, measuring, and control instruments industry, by region, country, or economy: 2001-16

(Millions of current dollars)

Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
World	111,495	117,401	136,269	156,503	167,042	180,859	206,526	226,806	204,080	232,942	248,009	270,190	273,006	281,581	282,386	280,073
North America																
Canada	1,440	1,434	1,682	1,928	2,007	2,183	2,488	2,431	2,338	2,794	2,905	2,550	2,469	2,507	2,168	2,118
Mexico	2,112	2,390	1,785	1,889	1,993	2,235	2,466	2,614	2,279	2,934	3,380	3,582	3,563	3,781	4,097	3,746
United States	41,183	47,603	53,845	60,511	63,303	68,112	75,649	81,164	86,653	94,812	97,133	110,128	111,122	115,289	124,782	123,265
Central and South America																
Argentina	131	52	77	106	137	156	211	253	238	291	328	329	333	323	295	250
Bolivia	2	2	2	2	2	2	3	3	3	4	3	4	4	4	4	5
Brazil	621	558	503	676	958	1,131	1,402	1,832	1,514	1,825	2,322	2,022	2,104	1,775	1,298	1,308
Chile	3	3	3	3	3	2	3	3	4	5	4	5	7	8	7	7
Colombia	27	29	29	38	44	46	58	56	67	72	88	89	97	80	62	59
Costa Rica	3	3	2	2	2	2	3	3	3	3	4	4	4	4	4	4
Ecuador	71	77	81	85	82	85	87	102	120	123	130	146	159	197	196	186
Honduras	8	9	9	9	10	11	11	12	13	12	14	15	14	15	15	15
Panama	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Peru	378	235	100	129	150	172	199	241	190	251	240	333	368	347	323	318



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Uruguay	4	2	1	2	2	2	3	4	3	5	6	7	7	8	10	10
Venezuela	93	64	59	79	97	115	142	217	253	152	188	224	211	170	278	54
Europe																
EU	29,208	30,533	36,388	43,307	45,087	47,711	55,865	56,656	43,127	47,786	54,691	52,529	54,726	56,366	53,197	52,833
Austria	612	691	880	1,062	1,155	1,186	1,412	1,547	1,420	1,394	1,481	1,360	1,455	1,466	1,290	1,427
Belgium	286	312	401	476	516	567	655	682	488	604	629	569	542	526	444	458
Bulgaria	12	20	24	23	25	29	42	49	54	41	39	68	49	52	44	45
Czech Republic	205	244	286	369	404	429	564	615	428	494	590	412	466	547	469	479
Denmark	962	910	1,216	1,338	1,401	1,575	1,840	1,627	1,375	1,488	1,488	1,454	1,317	1,343	1,260	1,342
Finland	659	658	820	813	956	1,019	1,175	1,303	1,021	1,004	717	594	611	606	526	536
France	5,105	5,188	5,967	7,023	6,625	6,809	7,583	7,249	5,039	4,397	4,557	4,532	4,886	4,590	4,702	4,059
Germany	10,917	11,183	14,229	16,529	17,392	18,845	22,681	23,337	16,502	19,986	22,994	21,986	23,578	24,728	22,632	22,070
Greece	123	113	120	133	104	131	132	142	102	109	97	87	93	111	106	104
Hungary	172	215	287	342	371	387	418	497	412	473	432	301	281	278	260	263
Ireland	1,009	1,160	1,735	1,826	2,214	2,131	2,909	2,548	1,719	1,849	1,894	2,344	2,282	2,304	3,847	4,909
Italy	3,227	3,912	3,819	4,467	4,804	5,329	6,147	6,195	5,333	5,511	8,762	7,663	7,795	7,819	6,810	6,869
Netherlands	1,096	1,018	1,164	1,234	1,405	1,342	1,558	1,740	1,511	1,763	2,003	1,902	1,870	1,901	1,784	1,831
Poland	212	214	244	288	341	321	412	456	381	362	416	366	373	388	305	313
Portugal	24	26	34	38	37	37	44	43	38	47	54	50	238	201	118	112

Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Romania	57	46	73	101	84	141	195	201	98	99	51	47	62	47	40	38
Slovakia	23	33	42	60	80	58	86	104	63	99	103	98	107	120	103	108
Spain	842	699	887	1,022	1,034	1,139	1,438	1,274	1,014	1,066	1,085	1,089	975	1,050	771	792
Sweden	197	461	1,558	1,995	2,038	2,183	2,339	2,070	1,584	2,027	2,166	1,991	1,923	1,743	1,669	1,675
United Kingdom	3,468	3,431	2,603	4,169	4,099	4,052	4,236	4,976	4,544	4,972	5,132	5,619	5,823	6,546	6,020	5,402
Other Europe																
Norway	378	458	648	608	676	697	876	891	709	722	768	744	759	741	668	624
Russia	1,071	1,576	2,132	3,002	3,484	3,959	5,070	6,254	3,431	4,540	5,506	5,677	6,806	6,080	4,259	4,454
Switzerland	6,181	7,143	8,481	9,555	10,681	11,856	13,622	16,602	14,057	15,226	20,391	20,388	21,055	21,341	19,691	18,112
Turkey	151	122	155	193	246	233	286	298	214	497	605	564	581	598	532	575
Ukraine	54	69	92	85	95	120	162	205	95	163	192	181	176	95	15	19
Middle East																
Bahrain	1	1	1	1	1	1	1	2	1	2	2	2	2	2	2	2
Iran	64	69	97	127	121	132	157	190	285	327	500	375	283	310	294	326
Israel	2,096	2,054	2,132	2,185	2,179	2,330	2,734	3,258	3,243	3,518	3,803	3,856	4,222	4,231	3,849	3,787
Jordan	13	15	14	11	9	9	8	13	15	14	16	28	27	17	7	7
Kuwait	18	30	37	46	58	57	69	86	71	88	112	118	110	104	71	69
Oman	2	2	2	2	3	3	5	5	7	17	27	18	18	17	14	13
Qatar	82	116	145	15	199	263	327	415	62	159	225	278	287	302	278	285



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Saudi Arabia	164	176	225	257	325	392	509	538	571	776	905	988	998	1,139	851	771
United Arab Emirates	25	26	28	31	35	39	43	50	43	46	54	59	62	63	55	57
Africa																
Cameroon	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Egypt	18	16	13	18	20	22	27	33	36	38	46	49	27	30	31	26
Ghana	8	10	12	13	16	19	20	20	17	19	24	22	23	20	16	17
Kenya	12	11	13	16	18	10	24	26	27	26	30	37	39	41	42	46
Morocco	52	59	71	84	110	117	108	100	108	121	126	132	169	178	149	146
Nigeria	71	95	101	114	135	159	174	189	193	206	212	228	249	258	236	188
Senegal	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1
South Africa	159	155	204	248	242	225	243	229	238	253	280	261	230	207	213	201
Tunisia	3	2	3	3	4	4	12	18	17	23	20	20	20	19	16	16
Asia																
Bangladesh	1	1	1	2	2	2	2	2	3	3	3	3	3	4	5	6
China	4,518	4,730	7,076	7,819	9,486	12,027	14,333	16,948	16,548	20,082	24,159	29,783	32,821	36,867	39,405	40,611
India	272	267	382	397	543	575	736	734	976	959	1,086	1,018	951	946	920	956
Indonesia	21	6	11	17	37	137	211	259	258	306	138	198	197	197	192	206
Japan	16,530	12,452	13,867	16,229	17,096	17,228	18,689	24,379	17,187	21,683	12,990	17,512	10,884	9,059	7,239	8,172
Malaysia	519	473	478	546	479	385	547	541	477	544	558	572	572	569	558	593



Region, country, or economy	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Pakistan	30	33	45	63	75	84	96	109	90	107	135	139	136	149	150	166
Philippines	140	159	177	215	337	404	253	549	683	680	770	858	1,069	1,236	1,356	1,419
Singapore	315	373	426	485	568	639	928	984	883	1,066	1,858	1,729	1,816	1,893	1,726	1,844
South Korea	1,655	1,893	2,088	2,563	3,169	3,676	4,261	3,640	3,339	5,615	6,182	7,139	8,598	9,030	8,312	7,917
Sri Lanka	11	13	15	17	22	144	73	39	40	41	49	49	56	67	68	70
Taiwan	853	957	1,345	1,490	1,215	1,334	1,395	1,628	1,501	1,833	2,258	2,243	2,298	2,753	2,697	2,424
Thailand	71	135	205	199	182	238	308	294	292	414	409	380	308	333	289	295
Vietnam	26	27	31	37	36	48	46	49	228	58	77	67	93	89	67	70
Australia and Oceania																
Australia	609	663	924	1,013	1,227	1,286	1,526	1,583	1,283	1,639	1,988	2,439	1,804	1,655	1,317	1,342
New Zealand	18	19	26	32	37	34	56	53	47	64	68	66	67	69	58	59

EU = European Union.

**Note(s)**

Value added is the amount contributed by a country, firm, or other entity to the value of a good or service and excludes purchases of domestic and imported materials and inputs. Data are not available for EU members Cyprus, Estonia, Latvia, Lithuania, Luxembourg, Malta, and Slovenia. China includes Hong Kong. Detail may not add to total because of rounding or minor discrepancies. See Appendix Table 6-1 for a full list of countries and economies in each region.

**Source(s)**

IHS Global Insight, World Industry Service database, accessed 17 July 2017.

*Science and Engineering Indicators 2018*