

Appendix table 6-23

U.S. trade in research, development, and testing services, by affiliation and by selected region/country/economy: 2006–10

(Millions of current U.S. dollars)

Affiliation and region/country/economy	2006			2007			2008			2009			2010		
	Exports	Imports	Trade balance	Exports	Imports	Trade balance	Exports	Imports	Trade balance	Exports	Imports	Trade balance	Exports	Imports	Trade balance
Total	12,810	9,276	3,534	15,625	13,032	2,593	17,345	16,322	1,023	18,136	16,641	1,495	21,385	18,927	2,458
Unaffiliated	1,664	2,324	-660	2,252	3,260	-1,008	2,848	3,776	-928	2,298	3,670	-1,372	3,016	3,532	-516
Affiliated	11,146	6,953	4,193	13,373	9,772	3,601	14,498	12,546	1,952	15,837	12,971	2,866	18,369	15,395	2,974
U.S. parents from/to their foreign affiliates	4,848	5,182	-334	7,630	7,445	185	7,501	9,312	-1,811	8,751	10,050	-1,299	10,192	12,273	-2,081
U.S. affiliates from/to their foreign parent groups ^a	6,298	1,770	4,528	5,743	2,327	3,416	6,996	3,234	3,762	7,087	2,921	4,166	8,177	3,122	5,055
All regions/countries/economies	12,810	9,276	3,534	15,625	13,032	2,593	17,345	16,322	1,023	18,136	16,641	1,495	21,385	18,927	2,458
Canada	535	867	-332	344	1,307	-963	445	1,574	-1,129	456	1,428	-972	388	1,749	-1,361
Europe	8,089	5,782	2,307	9,125	7,387	1,738	9,426	8,652	774	9,608	8,392	1,216	12,604	9,347	3,257
Belgium-Luxembourg	172	341	-169	256	336	-80	322	334	-12	274	375	-101	256	470	-214
France	*	548	NA	419	760	-341	459	706	-247	341	1,081	-740	330	1,151	-821
Germany	823	790	33	934	994	-60	887	1,062	-175	661	913	-252	687	882	-195
Ireland	1,326	235	1,091	2,120	384	1,736	2,151	391	1,760	2,479	393	2,086	3,462	1,126	2,336
Italy	109	168	-59	142	176	-34	107	249	-142	53	218	-165	77	216	-139
Netherlands	1,201	829	372	1,229	931	298	1,214	1,078	136	1,076	1,008	68	1,206	961	245
Norway	95	41	54	137	34	103	103	52	51	110	46	64	128	78	50
Spain	23	92	-69	44	134	-90	67	181	-114	106	223	-117	131	211	-80
Sweden	951	104	847	1,020	124	896	893	133	760	883	139	744	1,195	160	1,035
Switzerland	1,297	347	950	1,435	331	1,104	1,812	896	916	2,125	768	1,357	3,489	1,003	2,486
United Kingdom	846	1,899	-1,053	776	2,699	-1,923	626	2,904	-2,278	705	2,458	-1,753	791	2,308	-1,517
Other	*	388	NA	612	484	128	784	667	117	795	769	26	852	781	71
Latin America and OWH	1,676	231	1,445	3,376	381	2,995	3,477	469	3,008	4,137	878	3,259	3,742	1,214	2,528
Central and South America	118	209	-91	133	347	-214	221	451	-230	186	846	-660	208	1,057	-849
Argentina	16	39	-23	15	35	-20	21	40	-19	25	82	-57	19	108	-89
Brazil	20	55	-35	35	56	-21	35	68	-33	21	255	-234	47	359	-312
Chile	2	5	-3	1	21	-20	1	9	-8	3	28	-25	4	47	-43
Mexico	49	80	-31	47	187	-140	99	269	-170	74	354	-280	82	389	-307
Venezuela	17	3	14	16	2	14	20	4	16	9	19	-10	10	19	-9
Other	14	27	-13	20	46	-26	45	60	-15	55	109	-54	46	135	-89
OWH	1,558	22	1,536	3,242	34	3,208	3,256	18	3,238	3,950	31	3,919	3,535	157	3,378
Bermuda	754	1	753	2,072	1	2,071	2,155	*	NA	3,021	*	NA	2,696	126	2,570
Other	804	21	783	1,170	33	1,137	1,100	17	1,083	929	31	898	839	31	808
Africa	118	195	-77	201	224	-23	354	281	73	231	265	-34	297	323	-26
South Africa	11	39	-28	20	47	-27	53	57	-4	33	53	-20	48	56	-8
Other	106	156	-50	182	177	5	300	224	76	198	213	-15	249	267	-18
Middle East	107	588	-481	237	775	-538	402	940	-538	357	1,006	-649	397	1,070	-673
Israel	45	557	-512	52	710	-658	137	860	-723	116	959	-843	90	1,029	-939
Saudi Arabia	7	1	6	20	*	NA	62	1	61	19	1	18	27	1	26

Appendix table 6-23

U.S. trade in research, development, and testing services, by affiliation and by selected region/country/economy: 2006–10

(Millions of current U.S. dollars)

Affiliation and region/country/economy	2006			2007			2008			2009			2010		
	Exports	Imports	Trade balance	Exports	Imports	Trade balance	Exports	Imports	Trade balance	Exports	Imports	Trade balance	Exports	Imports	Trade balance
Other	55	30	25	165	*	NA	203	79	124	222	46	176	280	40	240
Asia and Pacific	2,235	1,614	621	2,293	2,956	-663	3,189	4,407	-1,218	3,345	4,672	-1,327	3,955	5,224	-1,269
Australia	60	153	-93	70	222	-152	115	235	-120	113	240	-127	123	292	-169
China	32	92	-60	43	473	-430	56	585	-529	59	765	-706	81	955	-874
Hong Kong	9	38	-29	20	42	-22	20	48	-28	31	45	-14	62	51	11
India	28	427	-399	19	923	-904	18	1,494	-1,476	37	1,356	-1,319	31	1,625	-1,594
Indonesia	17	12	5	62	28	34	61	26	35	48	23	25	34	14	20
Japan	1,795	550	1,245	1,614	773	841	2,171	1,278	893	2,119	1,441	678	2,304	1,303	1,001
Malaysia	9	38	-29	7	103	-96	17	299	-282	39	291	-252	86	404	-318
New Zealand	4	5	-1	4	8	-4	2	13	-11	1	14	-13	20	15	5
Philippines	2	7	-5	5	15	-10	8	23	-15	8	18	-10	9	17	-8
Singapore	189	119	70	332	147	185	492	73	419	638	196	442	962	246	716
South Korea	43	61	-18	51	78	-27	146	76	70	186	110	76	183	106	77
Taiwan	25	53	-28	25	103	-78	34	215	-181	27	140	-113	26	149	-123
Thailand	17	8	9	21	9	12	35	14	21	23	12	11	22	21	1
Other	5	50	-45	19	32	-13	15	27	-12	15	23	-8	12	28	-16
International organizations and unallocated	49	0	49	49	0	49	53	0	53	2	0	2	1	0	1
Addenda															
EU ^b	6,642	5,233	1,409	7,478	6,854	624	7,428	7,501	-73	7,305	7,379	-74	8,932	8,108	824

* = ≤ \$500,000; NA = not available.

EU = European Union; OWH = other Western Hemisphere.

^a In addition to transactions with its foreign parent, a U.S. affiliate's exports and imports include transactions with other members of its foreign parent group. The foreign parent group is defined as (1) the foreign parent; (2) any foreign person, proceeding up the foreign parent's ownership chain, that owns more than 50% of the foreign person below it, up to and including the ultimate beneficial owner; and (3) any foreign person, proceeding down the ownership chain(s) of each of these members, that is owned more than 50% by the person above it.

^b Data reflect the country composition of the EU for the given year.

NOTES: Trade balance is exports minus imports. Data for 2006–10 include transactions in testing services. Detail may not add to total because of rounding or minor discrepancies.

SOURCE: Bureau of Economic Analysis, U.S. International Services, Survey of Transactions in Selected Services and Intellectual Property with Foreign Persons, http://www.bea.gov/international/international_services.htm, accessed 15 January 2013.