



ACCME Data Report

Growth and Evolution in Continuing Medical Education – 2016

ADDENDUM

This addendum includes separate data sets about the CME offered by ACCME-accredited providers and state-accredited providers, offering an overview of the CME system at both the national and state levels. Information from [jointly accredited providers](#) is included in the data about ACCME-accredited providers.

The main [ACCME Data Report](#) presents combined data from all accredited providers in the ACCME System. It includes Tables 1-11 and Figures 1-6.

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CME Presented by ACCME-Accredited Providers Only
Table 12. Size of the CME Enterprise—2016
n= 686

Directly Provided	Activities	Hours of instruction	Physician interactions^{1, 2}	Other learner interactions^{1, 2}	
Courses	35,391	252,692	1,118,592	972,329	
Regularly scheduled series	10,781	296,150	3,343,611	1,396,964	
Internet (live)	2,266	5,201	38,871	157,983	
Test-item writing	102	753	1,071	491	
Committee learning	235	1,127	2,592	2,083	
Performance improvement	291	5,756	19,712	4,864	
Internet searching and learning	50	905	226,531	27,765	
Internet (enduring materials)	28,530	72,104	4,171,327	6,001,533	
Enduring materials (other)	5,889	30,789	1,150,948	320,319	
Learning from teaching	21	820	2,652	918	
Journal CME	4,777	6,823	1,079,020	240,727	
Manuscript review	81	446	58,696	3,174	
Total	88,414	673,566	11,213,623	9,129,150	
Jointly provided					
Courses	19,067	109,396	417,585	405,223	
Regularly scheduled series	1,669	34,863	305,858	133,546	
Internet (live)	1,002	1,897	16,933	49,264	
Test-item writing	17	180	394	30	
Committee learning	78	122	323	405	
Performance improvement	69	1,534	39,259	428	
Internet searching and learning	19	99	43,610	7,955	
Internet (enduring materials)	9,602	13,981	730,853	530,801	
Enduring materials (other)	831	6,145	61,523	68,663	
Learning from teaching	9	57	717	84	
Journal CME	652	977	162,203	43,635	
Manuscript review	12	140	4,033	443	
Total	33,027	169,389	1,783,291	1,240,477	
# Providers					
Grand total 2016	686	121,441	842,955	12,996,914	10,369,627
Grand total 2015	690	111,333	780,721	12,047,714	9,838,392
Grand total 2014	683	106,421	764,567	11,471,969	9,764,749
Grand total 2013	677	96,247	707,901	11,518,856	8,960,044
Grand total 2012	681	92,092	688,617	11,952,246	8,521,479
Grand total 2011	687	88,178	667,081	11,351,125	7,938,497
Grand total 2010	694	81,543	660,690	11,433,737	7,855,897
Grand total 2009	707	95,062	689,768	10,780,093	6,782,681
Grand total 2008	728	100,935	769,613	10,678,562	6,571,594
Grand total 2007	736	113,003	741,261	8,698,299	5,177,299
Grand total 2006	729	93,582	712,163	8,255,017	4,577,078
Grand total 2005	716	79,820	678,528	7,650,207	3,683,749
Grand total 2004	716	71,564	692,673	6,516,564	3,235,562
Grand total 2003	697	66,788	704,077	6,037,395	3,041,998
Grand total 2002	686	55,967	624,824	5,415,945	2,692,971
Grand total 2001	674	51,048	583,449	5,178,883	2,159,312
Grand total 2000	680	49,451	551,739	5,093,595	1,883,811
Grand total 1999	655	47,129	585,446	4,436,197	1,760,504

¹Accredited providers report the number of participants at each activity. In this report, the participant numbers are referred to as interactions. The data represents aggregate numbers of interactions and not the number of unique participants. Participants attending multiple activities are counted multiple times.

²Beginning in 2015, residents are included under physician interactions, in addition to MDs and DOs. In previous reporting years, residents had been included under other learners. Other learners include nurses, pharmacists, and members of other health professions.

CME Presented by ACCME-Accredited Providers Only
Table 13. Activities by Organization and Activity Type—2016

Organization type	Government or military	Hospital/ healthcare delivery system	Insurance company/ managed-care company	Nonprofit (other)	Nonprofit (physician membership organization)	Other	Publishing/ education company	School of medicine	Grand total
# of Providers	13	83	14	39	246	26	135	130	686
Directly provided									
Courses	10,180	7,866	1,247	572	5,320	1,036	2,674	6,496	35,391
Regularly scheduled series	200	3,123	0	104	48	77	35	7,194	10,781
Internet (live)	642	234	67	197	614	136	273	103	2,266
Test-item writing	1	0	0	0	94	6	0	1	102
Committee learning	7	60	159	0	9	0	0	0	235
Performance improvement	0	89	8	2	111	0	27	54	291
Internet searching and learning	0	4	0	0	4	0	37	5	50
Internet (enduring materials)	614	1,804	411	819	6,480	906	14,484	3,012	28,530
Enduring materials (other)	103	292	46	55	1,454	3	3,550	386	5,889
Learning from teaching	1	1	0	1	2	0	1	15	21
Journal CME	63	96	0	55	3,951	139	400	73	4,777
Manuscript review	0	1	0	0	77	0	3	0	81
Total	11,811	13,570	1,938	1,805	18,164	2,303	21,484	17,339	88,414
Jointly provided									
Courses	540	752	64	760	9,350	272	2,801	4,528	19,067
Regularly scheduled series	135	235	0	56	79	4	77	1,083	1,669
Internet (live)	68	41	21	124	200	13	344	191	1,002
Test-item writing	0	0	0	0	6	0	0	11	17
Committee learning	0	0	0	0	2	3	0	73	78
Performance improvement	0	5	0	1	42	6	4	11	69
Internet searching and learning	0	1	2	0	3	0	0	13	19
Internet (enduring materials)	144	230	6	237	901	53	4,855	3,176	9,602
Enduring materials (other)	6	94	1	17	61	2	468	182	831
Learning from teaching	0	2	0	2	1	1	1	2	9
Journal CME	0	124	0	0	261	0	160	107	652
Manuscript review	1	1	0	0	4	0	0	6	12
Total	894	1,485	94	1,197	10,910	354	8,710	9,383	33,027
Grand total	12,705	15,055	2,032	3,002	29,074	2,657	30,194	26,722	121,441

CME Presented by ACCME-Accredited Providers Only

Table 14. Hours of Instruction by Organization and Activity Type—2016

Organization type	Government or military	Hospital/healthcare delivery system	Insurance company/managed-care company	Nonprofit (other)	Nonprofit (physician membership organization)	Other	Publishing/education company	School of medicine	Grand total
# of Providers	13	83	14	39	246	26	135	130	686
Directly provided									
Courses	56,144	37,443	3,142	7,822	61,203	4,850	21,093	60,995	252,692
Regularly scheduled series	3,715	75,836	0	1,335	798	1,660	571	212,236	296,150
Internet (live)	1,020	398	88	289	1,042	140	950	1,274	5,201
Test-item writing	2	0	0	0	730	12	0	10	753
Committee learning	84	631	341	0	72	0	0	0	1,127
Performance improvement	0	1,776	160	40	2,180	0	540	1,060	5,756
Internet searching and learning	0	9	0	0	3	0	561	333	905
Internet (enduring materials)	1,057	2,373	505	1,032	27,128	1,828	29,595	8,587	72,104
Enduring materials (other)	237	991	57	99	11,159	5	14,019	4,222	30,789
Learning from teaching	20	201	0	4	54	0	1	540	820
Journal CME	72	120	0	77	5,458	163	810	124	6,823
Manuscript review	0	3	0	0	434	0	9	0	446
Total	62,350	119,779	4,293	10,698	110,261	8,658	68,148	289,380	673,566
Jointly provided									
Courses	10,554	7,674	391	3,690	32,901	2,575	20,566	31,044	109,396
Regularly scheduled series	4,230	4,173	0	718	1,211	56	1,038	23,438	34,863
Internet (live)	270	53	23	249	275	26	586	416	1,897
Test-item writing	0	0	0	0	70	0	0	110	180
Committee learning	0	0	0	0	18	3	0	101	122
Performance improvement	0	69	0	20	1,129	6	80	230	1,534
Internet searching and learning	0	1	1	0	91	0	0	7	99
Internet (enduring materials)	249	967	17	785	2,871	176	3,711	5,206	13,981
Enduring materials (other)	43	146	1	103	478	12	3,927	1,436	6,145
Learning from teaching	0	18	0	15	5	4	5	10	57
Journal CME	0	123	0	0	360	0	181	313	977
Manuscript review	3	3	0	0	69	0	0	65	140
Total	15,348	13,226	432	5,579	39,477	2,858	30,094	62,375	169,389
Grand total	77,698	133,005	4,724	16,277	149,738	11,515	98,243	351,755	842,955

Note: Totals may be off due to rounding.

CME Presented by ACCME-Accredited Providers Only

Table 15. Physician Interactions by Organization and Activity Type—2016

Organization type	Government or military	Hospital/ healthcare delivery system	Insurance company/ managed-care company	Nonprofit (other)	Nonprofit (physician membership organization)	Other	Publishing/ education company	School of medicine	Grand total
# of Providers	13	83	14	39	246	26	135	130	686
Directly provided									
Courses	22,801	103,771	24,016	29,171	609,401	10,292	131,026	188,114	1,118,592
Regularly scheduled series	34,284	765,323	0	16,744	2,109	18,753	27,565	2,478,833	3,343,611
Internet (live)	5,191	3,391	1,390	2,676	17,975	1,066	6,019	1,163	38,871
Test-item writing	17	0	0	0	993	16	0	45	1,071
Committee learning	43	743	1,714	0	92	0	0	0	2,592
Performance improvement	0	911	2,355	11	15,635	0	35	765	19,712
Internet searching and learning	0	232	0	0	3,379	0	222,222	698	226,531
Internet (enduring materials)	83,097	64,569	62,494	133,998	1,031,911	72,912	2,597,586	124,760	4,171,327
Enduring materials (other)	2,627	4,445	5,746	1,827	509,859	46	613,482	12,916	1,150,948
Learning from teaching	3	81	0	4	440	0	859	1,265	2,652
Journal CME	1,615	64,797	0	2,624	950,022	701	57,181	2,080	1,079,020
Manuscript review	0	28	0	0	38,419	0	20,249	0	58,696
Total	149,678	1,008,291	97,715	187,055	3,180,235	103,786	3,676,224	2,810,639	11,213,623
Jointly provided									
Courses	3,650	29,276	1,497	14,510	150,881	7,664	79,479	130,628	417,585
Regularly scheduled series	44,139	35,595	0	6,928	8,555	196	9,912	200,533	305,858
Internet (live)	264	442	90	892	2,249	308	4,672	8,016	16,933
Test-item writing	0	0	0	0	162	0	0	232	394
Committee learning	0	0	0	0	39	13	0	271	323
Performance improvement	0	311	0	5	38,695	6	20	222	39,259
Internet searching and learning	0	13,433	407	0	263	0	0	29,507	43,610
Internet (enduring materials)	638	15,796	173	28,061	86,104	2,819	451,276	145,986	730,853
Enduring materials (other)	0	8,098	626	327	7,204	38	21,233	23,997	61,523
Learning from teaching	0	237	0	406	18	2	18	36	717
Journal CME	0	8	0	0	68,289	0	92,176	1,730	162,203
Manuscript review	39	394	0	0	2,582	0	0	1,018	4,033
Total	48,730	103,590	2,793	51,129	365,041	11,046	658,786	542,176	1,783,291
Grand total	198,408	1,111,881	100,508	238,184	3,545,276	114,832	4,335,010	3,352,815	12,996,914

CME Presented by ACCME-Accredited Providers Only

Table 16. Other Learner Interactions by Organization and Activity Type—2016

Organization type	Government or military	Hospital/healthcare delivery system	Insurance company/managed-care company	Nonprofit (other)	Nonprofit (physician membership organization)	Other	Publishing/education company	School of medicine	Grand total
# of Providers	13	83	14	39	246	26	135	130	686
Directly provided									
Courses	129,987	157,120	5,620	38,325	322,106	24,565	108,537	186,069	972,329
Regularly scheduled series	28,758	393,914	0	9,637	3,335	3,644	2,653	955,023	1,396,964
Internet (live)	57,860	1,442	1,159	28,017	35,086	6,977	22,840	4,602	157,983
Test-item writing	334	0	0	0	0	157	0	0	491
Committee learning	0	1,899	131	0	53	0	0	0	2,083
Performance improvement	0	182	312	1	3,771	0	0	596	4,864
Internet searching and learning	0	107	0	0	0	0	27,647	11	27,765
Internet (enduring materials)	576,993	59,303	5,905	784,417	377,530	141,669	3,925,984	129,732	6,001,533
Enduring materials (other)	12,624	6,070	1,497	3,265	43,562	201	246,780	6,320	320,319
Learning from teaching	1	0	0	6	0	0	859	52	918
Journal CME	1,989	20,774	0	10,364	76,746	224	129,875	755	240,727
Manuscript review	0	1	0	0	3,173	0	0	0	3,174
Total	808,546	640,812	14,624	874,032	865,362	177,437	4,465,177	1,283,160	9,129,150
Jointly provided									
Courses	5,845	29,430	3,051	17,942	118,202	10,029	79,700	141,024	405,223
Regularly scheduled series	9,486	21,273	0	2,563	7,210	573	3,806	88,635	133,546
Internet (live)	2,929	1,807	2,519	3,222	7,564	257	23,836	7,130	49,264
Test-item writing	0	0	0	0	0	0	0	30	30
Committee learning	0	0	0	0	0	213	0	192	405
Performance improvement	0	28	0	0	76	86	5	233	428
Internet searching and learning	0	7,480	51	0	19	0	0	405	7,955
Internet (enduring materials)	12,414	30,081	18	23,541	22,315	3,635	304,579	134,218	530,801
Enduring materials (other)	5	18,652	217	966	35,873	30	3,793	9,127	68,663
Learning from teaching	0	0	0	14	10	30	10	20	84
Journal CME	0	11	0	0	480	0	42,979	165	43,635
Manuscript review	0	185	0	0	0	0	0	258	443
Total	30,679	108,947	5,856	48,248	191,749	14,853	458,708	381,437	1,240,477
Grand total	839,225	749,759	20,480	922,280	1,057,111	192,290	4,923,885	1,664,597	10,369,627

CME Presented by ACCME-Accredited Providers Only
Table 17. Income¹—2016
Total providers = 686

	Total income	Registration fees	Total monetary commercial support	Advertising and exhibits income	Private donations	Government grants
Average	\$ 3,569,624	\$ 1,918,163	\$ 1,014,610	\$ 572,275	\$ 39,066	\$ 25,510
First Quartile ²	\$ 218,275	\$ 21,274	\$ -	\$ -	\$ -	\$ -
Second Quartile (Median) ²	\$ 937,285	\$ 359,951	\$ 65,000	\$ 51,800	\$ -	\$ -
Third Quartile ²	\$ 3,051,298	\$ 1,239,760	\$ 574,450	\$ 369,525	\$ 2,500	\$ -
Total	\$ 2,448,762,290	\$ 1,315,859,811	\$ 696,022,425	\$ 392,580,854	\$ 26,799,016	\$ 17,500,183
Providers reporting data > \$0	635	556	470	465	182	97

¹Beginning in 2015, the category of Income from Other Sources was eliminated and replaced with three specific income categories: registration fees (includes registration, subscription, or publication fees received from CME activity participants), government grants, and private donations (including grants from foundations). Allocations from CME providers' parent organizations or other internal departments are no longer included in income reporting. Providers are no longer required to submit information about CME program expenses.

²The percentage of providers reporting data for some of the financial categories is less than needed to report some of the quartile values.

CME Presented by ACCME-Accredited Providers Only
Table 18. Income¹ by Organization Type—2016

	# of Providers	Total income	Registration fees	Total commercial support	Advertising and exhibits income	Private donations	Government Grants
Government or military	13	\$ 2,282,470	\$ 205,370	\$ 18,829	\$ -	\$ 9,854	\$ 2,048,416
Hospital/healthcare delivery system	83	\$ 80,331,895	\$ 30,574,935	\$ 29,271,198	\$ 17,784,563	\$ 2,216,880	\$ 484,320
Insurance company/managed-care company	14	\$ 4,857,918	\$ 3,423,088	\$ 308,780	\$ 1,056,550	\$ 69,500	\$ -
Nonprofit (other)	39	\$ 105,133,386	\$ 44,417,735	\$ 43,818,024	\$ 8,588,898	\$ 7,769,238	\$ 539,491
Nonprofit (physician membership organization)	246	\$ 1,025,886,109	\$ 606,433,360	\$ 119,305,262	\$ 286,634,075	\$ 9,517,439	\$ 3,995,972
Other	26	\$ 28,955,957	\$ 16,882,213	\$ 8,069,544	\$ 2,266,822	\$ 20,714	\$ 1,716,664
Publishing/education company	135	\$ 868,976,216	\$ 467,567,458	\$ 366,799,664	\$ 29,789,702	\$ 1,324,611	\$ 3,494,781
School of medicine	130	\$ 332,338,338	\$ 146,355,652	\$ 128,431,123	\$ 46,460,245	\$ 5,870,779	\$ 5,220,539
Grand totals	686	\$ 2,448,762,290	\$ 1,315,859,811	\$ 696,022,425	\$ 392,580,854	\$ 26,799,016	\$ 17,500,183

Note: Grand totals may be off due to rounding.

¹Beginning in 2015, the category of Income from Other Sources was eliminated and replaced with three specific income categories: registration fees (includes registration, subscription, or publication fees received from CME activity participants), government grants, and private donations (including grants from foundations). Allocations from CME providers' parent organizations or other internal departments are no longer included in income reporting. Providers are no longer required to submit information about CME program expenses.

ACCME-Accredited Providers Only

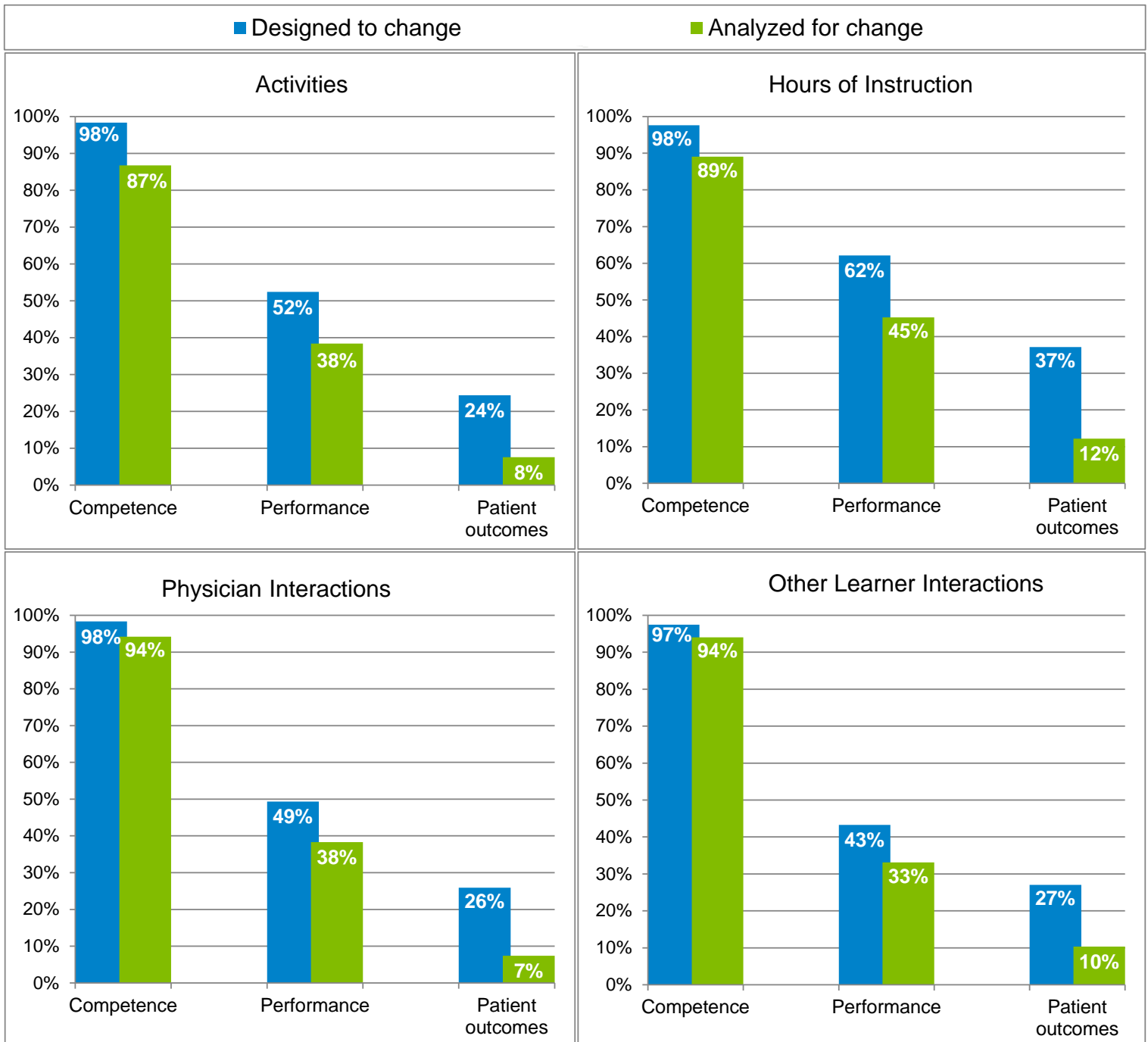
Table 19. Providers by Organization Type—1998–2016

Organization Type	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016
Government or military	12	15	15	15	16	15	16	16	16	15	14	14	14	15	15	13	13	13	13
Hospital/healthcare delivery system	72	77	76	77	77	77	90	91	93	93	90	88	85	83	82	84	83	82	83
Insurance company/managed-care company	1	9	11	11	7	9	13	11	14	14	15	15	14	14	13	13	14	14	14
Nonprofit (other)	56	67	69	63	60	60	30	31	34	38	38	35	35	33	36	35	35	36	39
Nonprofit (physician membership organization)	221	222	228	227	230	232	273	270	267	270	270	265	258	254	253	251	252	252	246
Other ¹	114	58	61	61	61	60	26	25	29	33	32	31	35	37	18	23	24	28	26
Publishing/education company	41	90	102	104	118	126	146	148	154	150	144	135	130	127	138	132	134	137	135
School of medicine	115	117	118	116	117	118	122	124	122	123	125	124	123	124	126	126	128	128	130
Total	632	655	680	674	686	697	716	716	729	736	728	707	694	687	681	677	683	690	686

The number of ACCME-accredited providers grew steadily until 2007. The total number of ACCME-accredited providers declined by 7% in the years between 2008 and 2011, but has remained relatively stable in recent years. Most of the decrease since 2007 has been in the following provider types: hospital/health care delivery systems, nonprofit physician membership organizations, and publishing/education companies. The numbers of government or military providers, insurance/managed-care companies, nonprofit other organizations, and schools of medicine have remained stable. When providers voluntarily withdraw their ACCME accreditation, the ACCME ascertains the reason whenever possible. The most common reason providers give is corporate changes, such as mergers and acquisitions. In addition, providers sometimes withdraw because they have decided to offer CME through partnerships (joint providerships) with other accredited providers. For that reason, the consolidation does not necessarily represent a reduction in access to CME. As illustrated in Table 12, the numbers of activities, hours of instruction, and interactions have generally increased since 2010.

¹ For the 2012 Annual Report, the ACCME changed the name of the organizational type "Not classified" to "Other." The ACCME reviewed ACCME-accredited providers that had previously been categorized as "Not classified" and, when appropriate, reclassified them according to their business model.

CME Presented by ACCME-Accredited Providers Only
Figure 7. Percentages Designed/ Analyzed for Change in
Competence, Performance, or Patient Outcomes—2016



The ACCME's Accreditation Criteria require providers to produce educational activities that are designed to change competence, performance, or patient outcomes. Providers are then required to analyze the changes that were achieved as a result of the activities.

Figure 7 illustrates the percentage of CME provided in 2016 that was designed and/or analyzed for changes in competence, performance, and/or patient outcomes.

CME Presented by ACCME-Accredited Providers Only
Figure 8. Physician Interactions by Activity Type—2005–2016

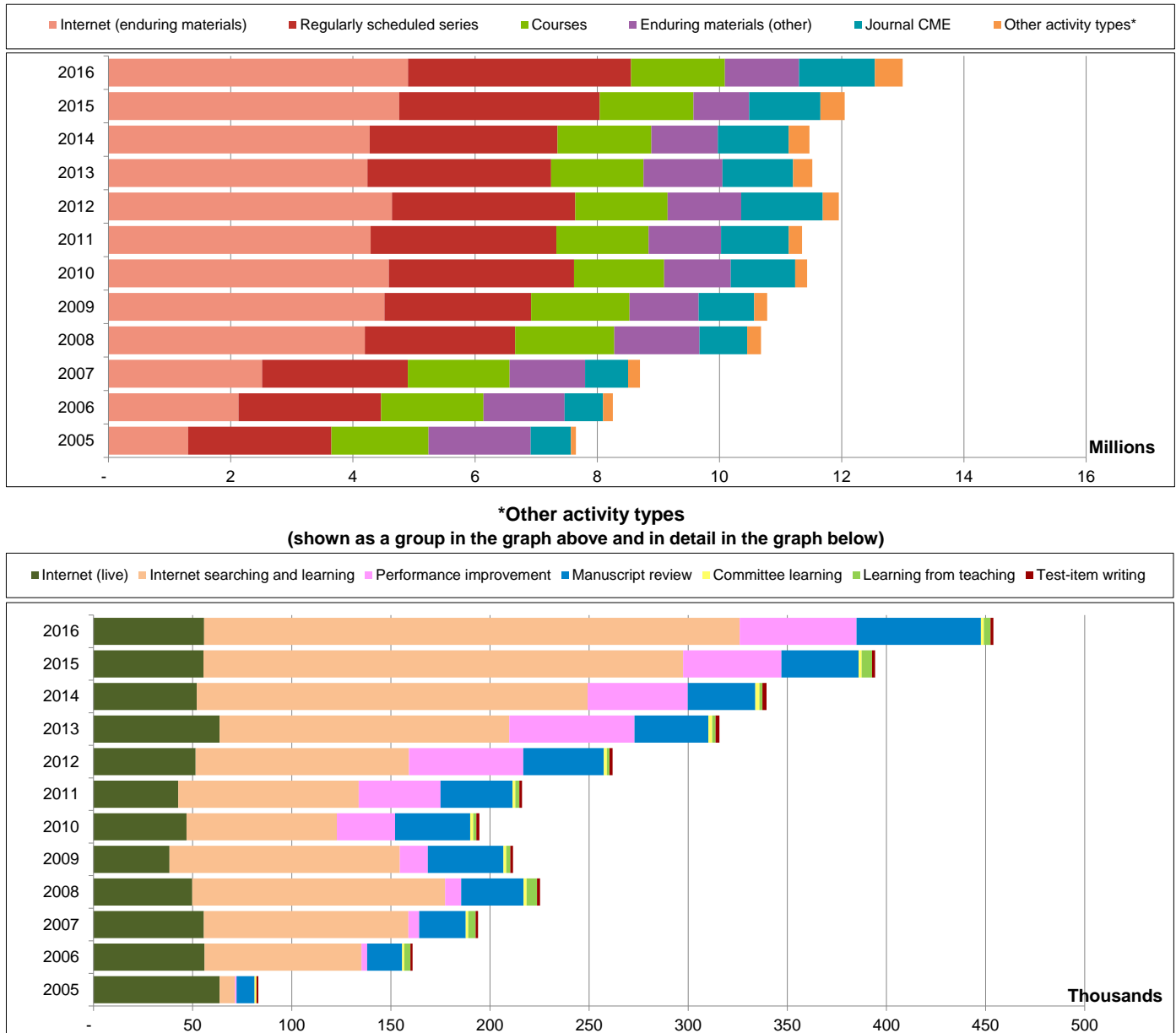
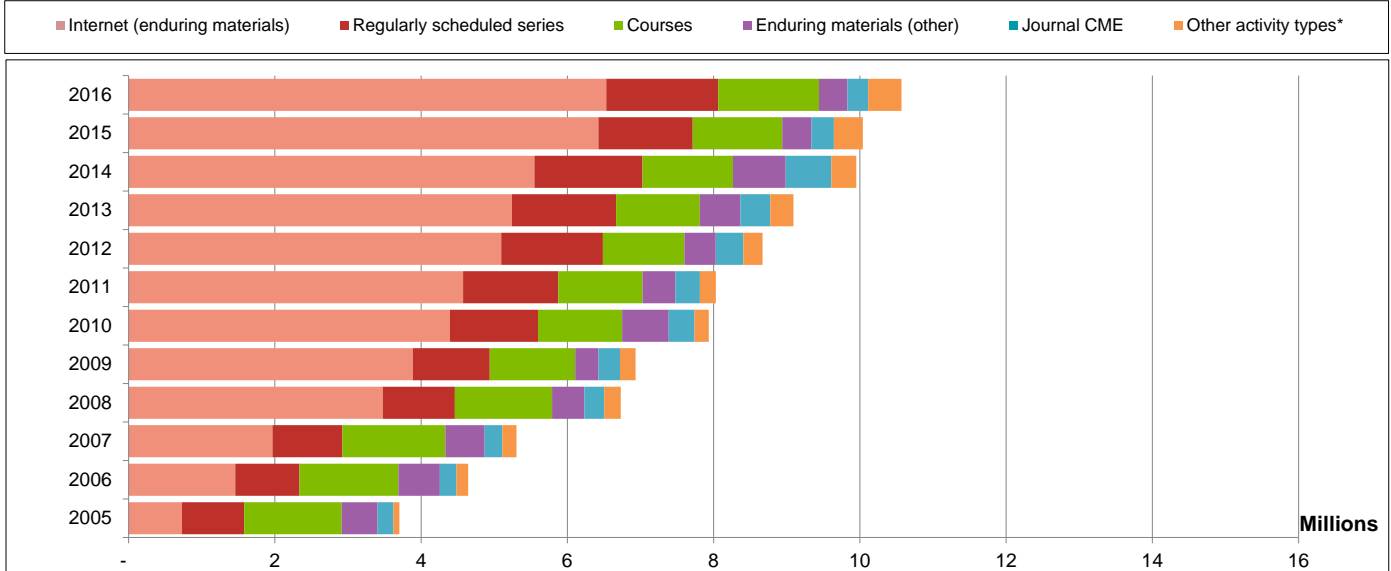


Figure 8 shows the trend in physician interactions by activity type for CME presented by ACCME-accredited providers. The activity types with the greatest number of interactions are shown in the top graph. The activity types with fewer interactions are shown collectively in the top graph as "other activity types" and are displayed in detail in the bottom graph. Since 2005, the activity type that has shown the greatest increase in the numbers of physician interactions is Internet enduring materials, accounting for 38% of all physician interactions in 2016, followed by regularly scheduled series, which accounted for 28%. Among the activity types with fewer interactions (the bottom graph) there has been increasing growth, with Internet searching and learning, and manuscript review activities generating the largest increases. Collectively, the "other activity types" have increased from 1% of physician interactions in 2005 to nearly 4% in 2016.

CME Presented by ACCME-Accredited Providers Only

Figure 9. Other Learner Interactions by Activity Type—2005–2016



***Other activity types**
(shown as a group in the graph above and in detail in the graph below)

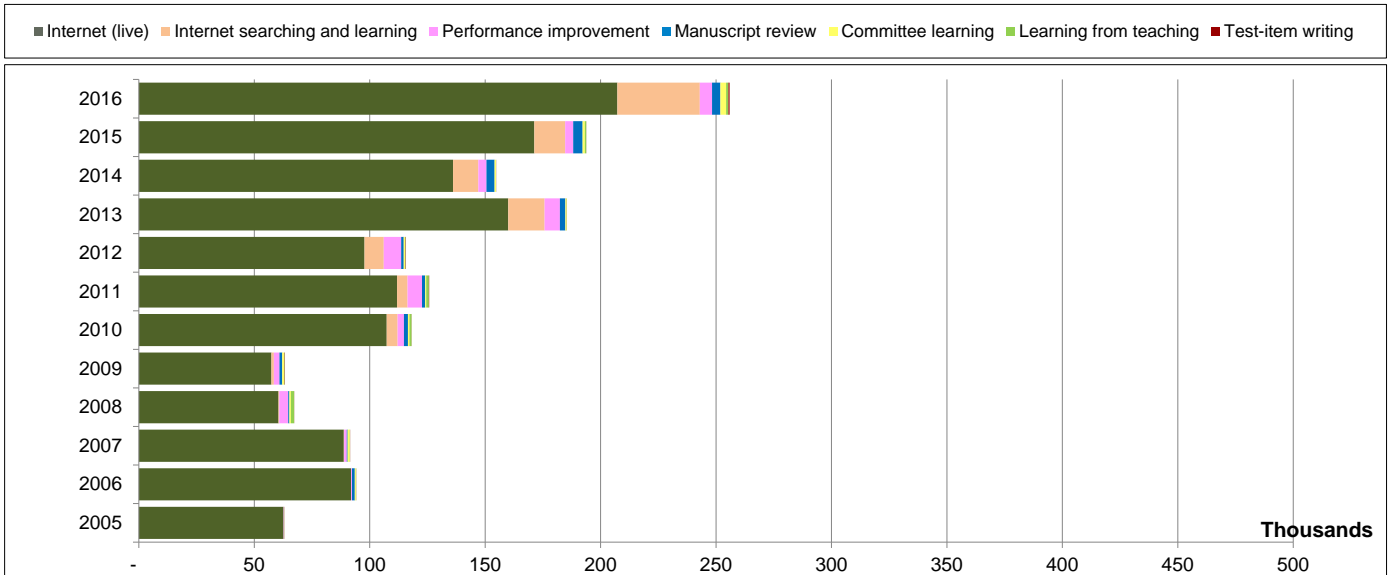


Figure 9 shows the trend in other learner interactions by activity type for CME presented by ACCME-accredited providers. The activity types with the greatest number of interactions are shown in the top graph. The activity types with fewer interactions are shown collectively in the top graph as "other activity types" and are displayed in detail in the bottom graph. Since 2005, the activity type that has shown the greatest increase in the numbers of other learner interactions is Internet enduring materials, accounting for 63% of other learner interactions in 2016. Among the activity types with fewer interactions (the bottom graph), Internet live activities remain the dominant activity type for other learners.

CME Presented by ACCME-Accredited Providers Only
Table 20. Total Numbers of Activities, Hours, and Interactions—2016

	Activities	Hours of instruction	Physician participants	Other learners
Courses	54,458	362,087	1,536,177	1,377,552
Regularly scheduled series	12,450	331,013	3,649,469	1,530,510
Internet (live)	3,268	7,099	55,804	207,247
Test-item writing	119	933	1,465	521
Committee learning	313	1,249	2,915	2,488
Performance improvement	360	7,290	58,971	5,292
Internet searching and learning	69	1,003	270,141	35,720
Internet (enduring materials)	38,132	86,085	4,902,180	6,532,334
Enduring materials (other)	6,720	36,934	1,212,471	388,982
Learning from teaching	30	877	3,369	1,002
Journal CME	5,429	7,800	1,241,223	284,362
Manuscript review	93	586	62,729	3,617
Total	121,441	842,955	12,996,914	10,369,627

CME Presented by ACCME-Accredited Providers Only
Table 21. Numbers of Activities, Hours, and Interactions without Commercial Support—2016

	Activities	Hours of instruction	Physician participants	Other learners
Courses	46,391	298,983	777,654	845,358
Regularly scheduled series	12,302	327,536	3,589,281	1,504,488
Internet (live)	2,693	6,310	41,589	157,446
Test-item writing	119	933	1,465	521
Committee learning	313	1,249	2,915	2,488
Performance improvement	335	6,790	53,888	3,624
Internet searching and learning	55	996	269,731	35,505
Internet (enduring materials)	32,352	79,634	3,487,633	4,877,673
Enduring materials (other)	6,193	35,573	1,138,393	307,580
Learning from teaching	25	852	3,279	952
Journal CME	5,196	7,559	1,195,225	268,481
Manuscript review	92	585	62,257	3,392
Total	106,066	767,000	10,623,310	8,007,508

CME Presented by ACCME-Accredited Providers Only
Table 22. Numbers of Activities, Hours, and Interactions with Commercial Support—2016

	Activities	Hours of instruction	Physician participants	Other learners
Courses	8,067	63,104	758,523	532,194
Regularly scheduled series	148	3,477	60,188	26,022
Internet (live)	575	789	14,215	49,801
Test-item writing	0	0	0	0
Committee learning	0	0	0	0
Performance improvement	25	500	5,083	1,668
Internet searching and learning	14	7	410	215
Internet (enduring materials)	5,780	6,451	1,414,547	1,654,661
Enduring materials (other)	527	1,361	74,078	81,402
Learning from teaching	5	25	90	50
Journal CME	233	241	45,998	15,881
Manuscript review	1	1	472	225
Total	15,375	75,955	2,373,604	2,362,119

CME Presented by State-Accredited Providers Only
Table 23. Size of the CME Enterprise—2016
n= 1,147

Directly provided	Activities	Hours of instruction	Physician interactions^{1, 2}	Other learner interactions^{1, 2}	
Courses	19,977	75,985	392,608	355,625	
Regularly scheduled series	9,219	167,029	1,449,621	818,916	
Internet (live)	332	528	5,306	13,511	
Test-item writing	1	1	10	-	
Committee learning	198	519	4,102	1,983	
Performance improvement	163	2,134	2,772	1,276	
Internet searching and learning	8	119	70	7,744	
Internet (enduring materials)	1,822	3,178	68,630	327,886	
Enduring materials (other)	1,535	3,209	49,647	28,049	
Learning from teaching	44	222	616	993	
Journal CME	164	439	2,796	1,275	
Manuscript review	-	-	-	-	
Total	33,463	253,362	1,976,178	1,557,258	
Jointly provided					
Courses	2,565	14,211	66,007	93,703	
Regularly scheduled series	837	17,901	112,794	85,150	
Internet (live)	88	219	964	5,559	
Test-item writing	-	-	-	-	
Committee learning	3	11	49	89	
Performance improvement	2	260	15	-	
Internet searching and learning	-	-	-	-	
Internet (enduring materials)	228	689	8,774	8,194	
Enduring materials (other)	51	155	1,909	2,474	
Learning from teaching	3	26	55	16	
Journal CME	26	45	413	40	
Manuscript review	-	-	-	-	
Total	3,803	33,516	190,980	195,225	
	# Providers				
Grand total 2016	1,147	37,266	286,878	2,167,158	1,752,483
Grand total 2015	1,186	36,894	258,758	2,184,149	1,801,863
Grand total 2014³	1,225	40,603	269,049	2,127,718	1,822,769
Grand total 2013³	1,273	41,949	302,400	2,246,040	1,969,173
Grand total 2012³	1,319	41,528	299,591	2,367,442	1,685,758
Grand total 2011	1,392	44,590	285,655	2,390,496	1,620,292
Grand total 2010	1,450	46,337	293,514	2,380,631	1,608,998
Grand total 2009	1,518	48,212	299,845	2,483,827	1,569,361
Grand total 2008	1,601	49,435	322,238	2,551,540	1,601,348
Grand total 2007⁴	1,663	49,866	344,306	2,679,753	1,627,279
Grand total 2006	1,684	56,302	349,696	3,136,610	1,682,420
Grand total 2005	1,606	54,901	358,402	2,704,253	1,637,699

¹Accredited providers report the number of participants at each activity. In this report, the participant numbers are referred to as interactions. The data represents aggregate numbers of interactions and not the number of unique participants. Participants attending multiple activities are counted multiple times.

²Beginning in 2015, residents are included under physician interactions, in addition to MDs and DOs. In previous reporting years residents had been included under other learners. Other learners includes nurses, pharmacists, and members of other health professions.

³In 2012, 21 of the 43 state medical societies recognized as accreditors by the ACCME chose to use the Program and Activity Reporting System (PARS) for collecting data from their accredited providers, representing 576 of the 1,319 state-accredited providers. In 2013, PARS use increased, with 29 of 43 accreditors using PARS, representing 764 of the 1,273 state-accredited providers. Beginning in 2014, all accreditors used PARS. The implementation of PARS enabled the accreditors to better ensure that providers submit data in accordance with the ACCME's definitions. This review resulted in significant changes in reporting for various activity formats.

⁴The grand total number of activities decreased significantly from 2006 to 2007 due to clarification of ACCME's definitions related to regularly scheduled series (RSS). Prior to 2007 providers reported each session within the series as an activity; since then they have reported each series (comprising multiple, ongoing sessions) as an activity.

CME Presented by State-Accredited Providers Only
Table 24. Activities by Organization and Activity Type—2016

Organization type	Government or military	Hospital/healthcare delivery system	Insurance company/ managed-care company	Nonprofit (other)	Nonprofit (physician membership organization)	Other	Publishing/education company	School of medicine	Grand total
# of Providers	21	930	12	63	82	32	5	2	1,147
Directly provided									
Courses	390	17,192	243	729	396	678	266	83	19,977
Regularly scheduled series	38	8,830	0	167	82	64	30	8	9,219
Internet (live)	9	181	1	71	56	14	0	0	332
Test-item writing	0	1	0	0	0	0	0	0	1
Committee learning	0	198	0	0	0	0	0	0	198
Performance improvement	29	132	1	0	0	1	0	0	163
Internet searching and learning	2	6	0	0	0	0	0	0	8
Internet (enduring materials)	93	1,165	54	249	157	67	1	36	1,822
Enduring materials (other)	8	1,305	36	14	25	147	0	0	1,535
Learning from teaching	0	33	0	2	1	8	0	0	44
Journal CME	2	150	0	9	0	1	2	0	164
Manuscript review	0	0	0	0	0	0	0	0	0
Total	571	29,193	335	1,241	717	980	299	127	33,463
Jointly provided									
Courses	28	1,454	56	341	381	266	5	34	2,565
Regularly scheduled series	3	628	0	46	81	79	0	0	837
Internet (live)	7	27	5	17	23	8	1	0	88
Test-item writing	0	0	0	0	0	0	0	0	0
Committee learning	0	3	0	0	0	0	0	0	3
Performance improvement	0	2	0	0	0	0	0	0	2
Internet searching and learning	0	0	0	0	0	0	0	0	0
Internet (enduring materials)	2	159	0	28	5	32	0	2	228
Enduring materials (other)	0	36	0	14	0	0	1	0	51
Learning from teaching	0	3	0	0	0	0	0	0	3
Journal CME	0	22	0	0	0	4	0	0	26
Manuscript review	0	0	0	0	0	0	0	0	0
Total	40	2,334	61	446	490	389	7	36	3,803
Grand total	611	31,527	396	1,687	1,207	1,369	306	163	37,266

CME Presented by State-Accredited Providers Only
Table 25. Hours of Instruction by Organization and Activity Type—2016

Organization type	Government or military	Hospital/ healthcare delivery system	Insurance company/ managed-care company	Nonprofit (other)	Nonprofit (physician membership organization)	Other	Publishing/ education company	School of medicine	Grand total
# of Providers	21	930	12	63	82	32	5	2	1,147
Directly provided									
Courses	1,830	61,796	479	5,022	2,023	2,694	1,989	152	75,985
Regularly scheduled series	597	161,433	0	2,963	947	733	350	8	167,029
Internet (live)	19	320	1	78	57	54	0	0	528
Test-item writing	0	1	0	0	0	0	0	0	1
Committee learning	0	519	0	0	0	0	0	0	519
Performance improvement	29	2,084	1	0	0	20	0	0	2,134
Internet searching and learning	21	98	0	0	0	0	0	0	119
Internet (enduring materials)	124	2,124	84	487	244	86	1	29	3,178
Enduring materials (other)	6	2,601	60	239	88	217	0	0	3,209
Learning from teaching	0	194	0	19	1	8	0	0	222
Journal CME	39	379	0	13	0	1	7	0	439
Manuscript review	0	0	0	0	0	0	0	0	0
Total	2,664	231,548	625	8,820	3,359	3,811	2,347	188	253,362
Jointly provided									
Courses	165	8,144	216	2,179	1,894	1,400	40	174	14,211
Regularly scheduled series	22	14,368	0	862	1,448	1,202	0	0	17,901
Internet (live)	7	63	5	45	37	61	1	0	219
Test-item writing	0	0	0	0	0	0	0	0	0
Committee learning	0	11	0	0	0	0	0	0	11
Performance improvement	0	260	0	0	0	0	0	0	260
Internet searching and learning	0	0	0	0	0	0	0	0	0
Internet (enduring materials)	7	260	0	223	15	181	0	5	689
Enduring materials (other)	0	102	0	32	0	0	21	0	155
Learning from teaching	0	26	0	0	0	0	0	0	26
Journal CME	0	41	0	0	0	4	0	0	45
Manuscript review	0	0	0	0	0	0	0	0	0
Total	201	23,274	221	3,340	3,394	2,847	62	179	33,516
Grand total	2,864	254,822	845	12,160	6,753	6,659	2,408	367	286,878

Note: Totals may be off due to rounding.

CME Presented by State-Accredited Providers Only
Table 26. Physician Interactions by Organization and Activity Type—2016

Organization type	Government or military	Hospital/ healthcare delivery system	Insurance company/ managed-care company	Nonprofit (other)	Nonprofit (physician membership organization)	Other	Publishing/ education company	School of medicine	Grand total
# of Providers	21	930	12	63	82	32	5	2	1,147
Directly provided									
Courses	3,661	337,272	6,100	12,283	24,347	7,580	921	444	392,608
Regularly scheduled series	2,781	1,402,843	0	34,784	4,674	2,225	2,256	58	1,449,621
Internet (live)	452	3,569	4	420	750	111	0	0	5,306
Test-item writing	0	10	0	0	0	0	0	0	10
Committee learning	0	4,102	0	0	0	0	0	0	4,102
Performance improvement	377	2,367	5	0	0	23	0	0	2,772
Internet searching and learning	29	41	0	0	0	0	0	0	70
Internet (enduring materials)	3,362	22,887	3,863	22,745	484	15,023	205	61	68,630
Enduring materials (other)	384	38,027	5,650	931	1,052	3,603	0	0	49,647
Learning from teaching	0	593	0	5	4	14	0	0	616
Journal CME	33	2,629	0	96	0	3	35	0	2,796
Manuscript review	0	0	0	0	0	0	0	0	0
Total	11,079	1,814,340	15,622	71,264	31,311	28,582	3,417	563	1,976,178
Jointly provided									
Courses	321	38,711	1,601	8,546	12,218	4,380	135	95	66,007
Regularly scheduled series	183	80,701	0	6,324	15,940	9,646	0	0	112,794
Internet (live)	89	188	54	247	298	66	22	0	964
Test-item writing	0	0	0	0	0	0	0	0	0
Committee learning	0	49	0	0	0	0	0	0	49
Performance improvement	0	15	0	0	0	0	0	0	15
Internet searching and learning	0	0	0	0	0	0	0	0	0
Internet (enduring materials)	748	7,729	0	26	31	239	0	1	8,774
Enduring materials (other)	0	1,621	0	287	0	0	1	0	1,909
Learning from teaching	0	55	0	0	0	0	0	0	55
Journal CME	0	250	0	0	0	163	0	0	413
Manuscript review	0	0	0	0	0	0	0	0	0
Total	1,341	129,319	1,655	15,430	28,487	14,494	158	96	190,980
Grand total	12,420	1,943,659	17,277	86,694	59,798	43,076	3,575	659	2,167,158

CME Presented by State-Accredited Providers Only

Table 27. Other Learner Interactions by Organization and Activity Type—2016

Organization type	Government or military	Hospital/healthcare delivery system	Insurance company/ managed-care company	Nonprofit (other)	Nonprofit (physician membership organization)	Other	Publishing/ education company	School of medicine	Grand total
# of Providers	21	930	12	63	82	32	5	2	1,147
Directly provided									
Courses	10,460	295,479	2,817	21,882	8,758	9,774	5,056	1,399	355,625
Regularly scheduled series	6,467	787,251	0	15,494	3,819	1,923	1,997	1,965	818,916
Internet (live)	2,136	2,283	35	7,008	1,678	371	0	0	13,511
Test-item writing	0	0	0	0	0	0	0	0	0
Committee learning	0	1,983	0	0	0	0	0	0	1,983
Performance improvement	169	1,107	0	0	0	0	0	0	1,276
Internet searching and learning	0	7,744	0	0	0	0	0	0	7,744
Internet (enduring materials)	71,964	11,657	608	233,632	612	9,249	96	68	327,886
Enduring materials (other)	193	25,298	470	583	276	1,229	0	0	28,049
Learning from teaching	0	901	0	83	0	9	0	0	993
Journal CME	6	1,189	0	53	0	18	9	0	1,275
Manuscript review	0	0	0	0	0	0	0	0	0
Total	91,395	1,134,892	3,930	278,735	15,143	22,573	7,158	3,432	1,557,258
Jointly provided									
Courses	1,290	58,330	2,949	10,883	15,839	3,744	231	437	93,703
Regularly scheduled series	193	54,261	0	4,773	12,390	13,533	0	0	85,150
Internet (live)	1,022	592	113	2,433	979	273	147	0	5,559
Test-item writing	0	0	0	0	0	0	0	0	0
Committee learning	0	89	0	0	0	0	0	0	89
Performance improvement	0	0	0	0	0	0	0	0	0
Internet searching and learning	0	0	0	0	0	0	0	0	0
Internet (enduring materials)	289	6,911	0	124	2	868	0	0	8,194
Enduring materials (other)	0	1,581	0	891	0	0	2	0	2,474
Learning from teaching	0	16	0	0	0	0	0	0	16
Journal CME	0	26	0	0	0	14	0	0	40
Manuscript review	0	0	0	0	0	0	0	0	0
Total	2,794	121,806	3,062	19,104	29,210	18,432	380	437	195,225
Grand total	94,189	1,256,698	6,992	297,839	44,353	41,005	7,538	3,869	1,752,483

CME Presented by SMS-Accredited Providers Only

Table 28. Income¹—2016

Total providers = 1,147

	Total income	Registration fees	Total monetary commercial support	Advertising and exhibits income	Private donations	Government grants
Average	\$ 58,450	\$ 23,612	\$ 7,071	\$ 16,250	\$ 5,536	\$ 5,981
First Quartile ²	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Second Quartile (Median) ²	\$ 1,430	\$ -	\$ -	\$ -	\$ -	\$ -
Third Quartile ²	\$ 38,311	\$ 8,045	\$ -	\$ 3,925	\$ -	\$ -
Total	\$ 67,041,959	\$ 27,082,857	\$ 8,110,452	\$ 18,639,231	\$ 6,349,438	\$ 6,859,981
Providers reporting data > \$0	603	443	226	347	199	56

¹Beginning in 2015, the category of Income from Other Sources was eliminated and replaced with three specific income categories: registration fees (includes registration, subscription, or publication fees received from CME activity participants), government grants, and private donations (including grants from foundations). Allocations from CME providers' parent organizations or other internal departments are no longer included in income reporting. Providers are no longer required to submit information about CME program expenses.

²The percentage of providers reporting data for some of the financial categories is less than needed to report some of the quartile values.

CME Presented by State-Accredited Providers Only

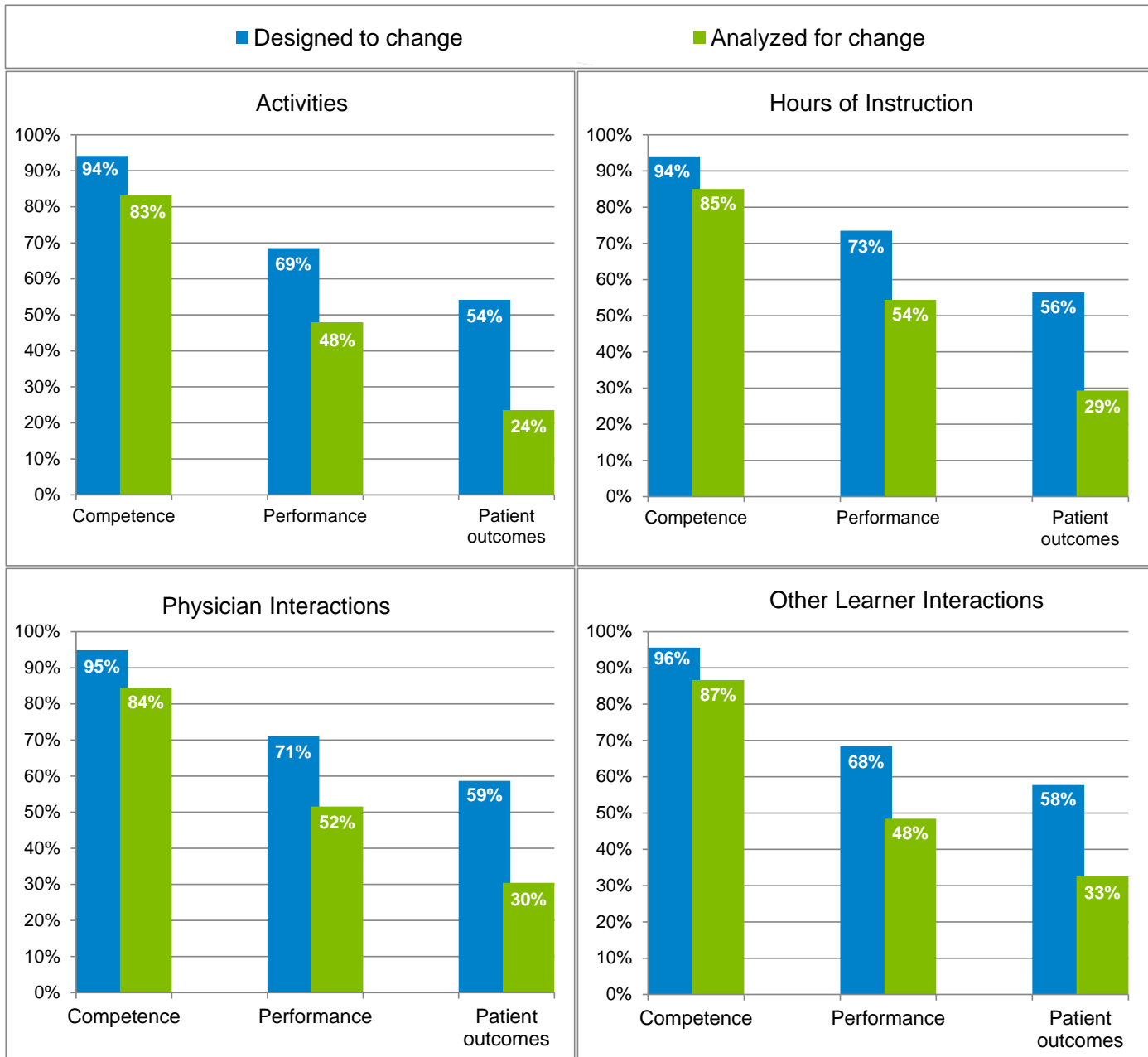
Table 29. Income¹ by Organization Type—2016

	# of Providers	Total income	Registration fees	Total commercial support	Advertising and exhibits income	Private donations	Government Grants
Government or military	21	\$ 1,873,743	\$ 999,014	\$ 10,100	\$ 107,220	\$ 56,237	\$ 701,172
Hospital/healthcare delivery system	930	\$ 35,065,836	\$ 13,348,023	\$ 4,941,943	\$ 10,754,829	\$ 5,199,633	\$ 821,409
Insurance company/managed-care company	12	\$ 96,720	\$ 29,470	\$ -	\$ -	\$ 55,130	\$ 12,120
Nonprofit (other)	63	\$ 13,385,862	\$ 5,620,816	\$ 1,114,582	\$ 1,283,011	\$ 446,080	\$ 4,921,373
Nonprofit (physician membership organization)	82	\$ 13,266,270	\$ 5,626,059	\$ 1,656,959	\$ 5,460,005	\$ 357,416	\$ 165,830
Other	32	\$ 2,500,302	\$ 927,577	\$ 256,538	\$ 993,600	\$ 114,678	\$ 207,909
Publishing/education company	5	\$ 821,633	\$ 526,884	\$ 130,330	\$ 40,166	\$ 120,264	\$ 3,990
School of medicine	2	\$ 31,593	\$ 5,015	\$ -	\$ 400	\$ -	\$ 26,178
Grand totals	1,147	\$ 67,041,959	\$ 27,082,857	\$ 8,110,452	\$ 18,639,231	\$ 6,349,438	\$ 6,859,981

Note: Grand totals may be off due to rounding.

¹Beginning in 2015, the category of Income from Other Sources was eliminated and replaced with three specific income categories: registration fees (includes registration, subscription, or publication fees received from CME activity participants), government grants, and private donations (including grants from foundations). Allocations from CME providers' parent organizations or other internal departments are no longer included in income reporting. Providers are no longer required to submit information about CME program expenses.

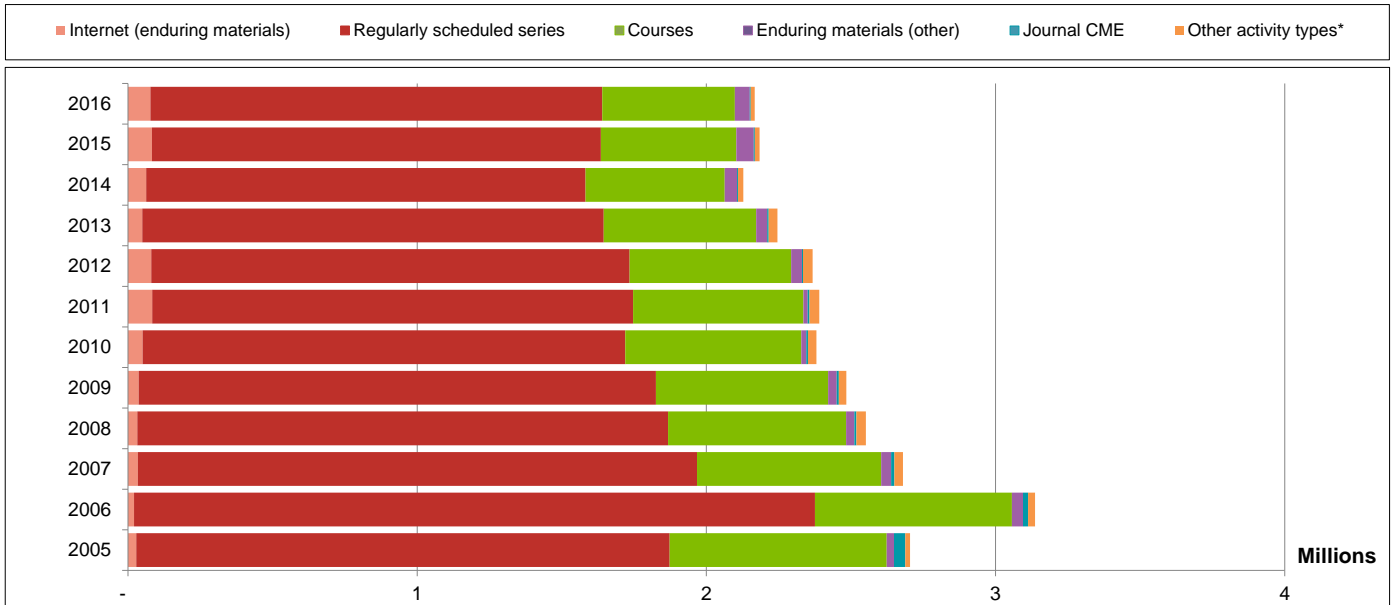
CME Presented by State-Accredited Providers Only
Figure 10. Percentages Designed/ Analyzed for Change in
Competence, Performance, or Patient Outcomes—2016



The ACCME's Accreditation Criteria require providers to produce educational activities that are designed to change competence, performance, or patient outcomes. Providers are then required to analyze the changes that were achieved as a result of the activities.

Figure 10 illustrates the percentage of CME provided in 2016 that was designed and/or analyzed for changes in competence, performance, and/or patient outcomes.

CME Presented by State-Accredited Providers Only
Figure 11. Physician Interactions by Activity Type—2005–2016



***Other activity types**
(shown as a group in the graph above and in detail in the graph below)

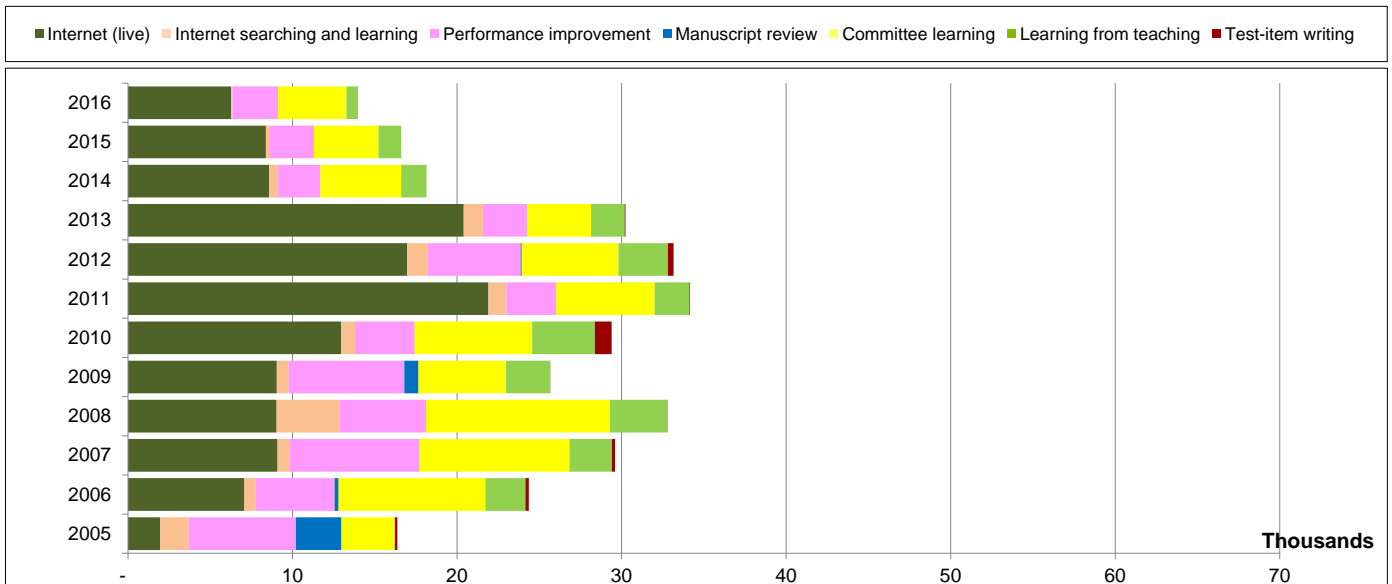
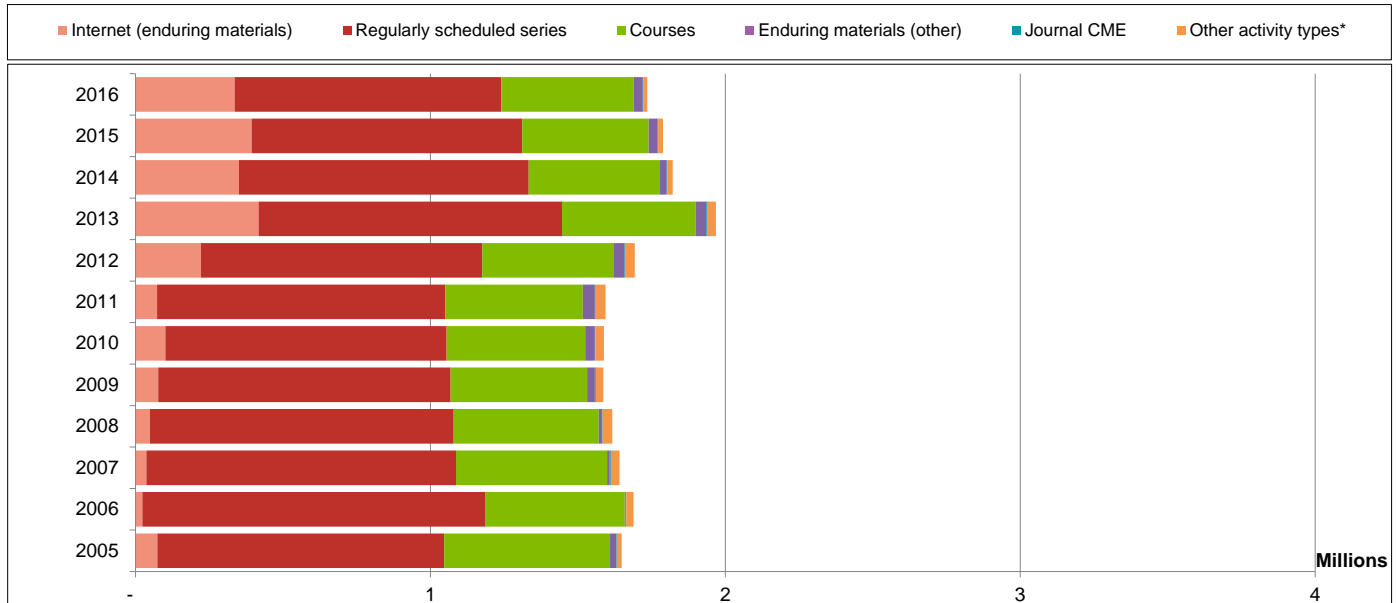


Figure 11 shows the trend in physician interactions by activity type for CME presented by state-accredited providers. The activity types with the greatest number of interactions are shown in the top graph. The activity types with fewer interactions are shown collectively in the top graph as "other activity types" and are displayed in detail in the bottom graph. Since 2005, regularly scheduled series is the activity type that has consistently accounted for the greatest number of physician interactions. In 2016, 72% of physician interactions were reported in regularly scheduled series, followed by courses, which accounted for 21% of physician interactions. Among the activity types with fewer interactions (the bottom graph), Internet live activities is the activity type with the most physician interactions, followed by committee learning.

CME Presented by State-Accredited Providers Only
Figure 12. Other Learner Interactions by Activity Type—2005–2016



***Other activity types**
 (shown as a group in the graph above and in detail in the graph below)

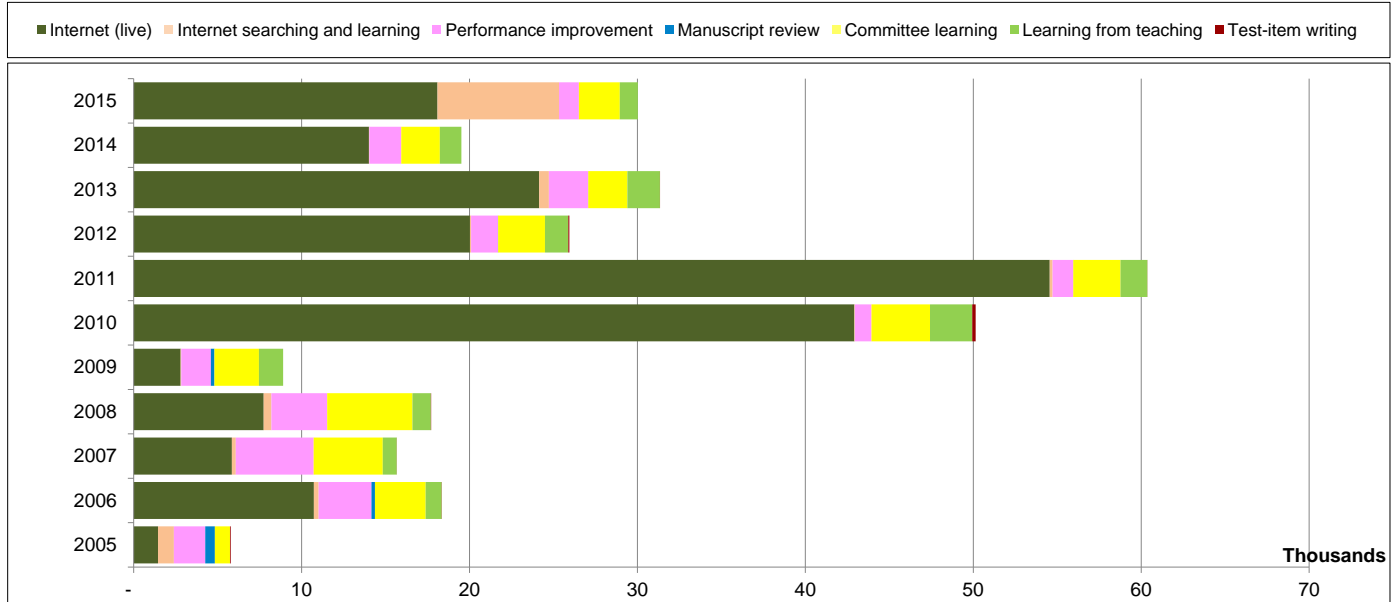


Figure 12 shows the trend in other learner interactions by activity type for CME presented by state-accredited providers. The activity types with the greatest number of interactions are shown in the top graph. The activity types with fewer interactions are shown collectively in the top graph as "other activity types" and are displayed in detail in the bottom graph. Since 2005, the activity type that has consistently had the greatest number of other learner interactions is regularly scheduled series, accounting for 51% of all other learner interactions. This is followed by courses, accounting for 24% of other learner interactions, and Internet enduring materials accounting for 22%. Among the activity types with fewer interactions (the bottom graph) Internet live activities remains the activity type with the most other learner interactions.

CME Presented by State-Accredited Providers Only
Table 30. Total Numbers of Activities, Hours, and Interactions—2016

	Activities	Hours of instruction	Physician participants	Other learners
Courses	22,542	90,196	458,615	449,328
Regularly scheduled series	10,056	184,931	1,562,415	904,066
Internet (live)	420	747	6,270	19,070
Test-item writing	1	1	10	0
Committee learning	201	530	4,151	2,072
Performance improvement	165	2,394	2,787	1,276
Internet searching and learning	8	119	70	7,744
Internet (enduring materials)	2,050	3,867	77,404	336,080
Enduring materials (other)	1,586	3,364	51,556	30,523
Learning from teaching	47	248	671	1,009
Journal CME	190	483	3,209	1,315
Manuscript review	0	0	0	0
Total	37,266	286,879	2,167,158	1,752,483

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Table 31. Numbers of Activities, Hours, and Interactions without Commercial Support - 2016

	Activities	Hours of instruction	Physician participants	Other learners
Courses	21,895	85,995	428,752	417,601
Regularly scheduled series	9,996	183,813	1,547,806	897,415
Internet (live)	420	747	6,270	19,070
Test-item writing	1	1	10	0
Committee learning	201	530	4,151	2,072
Performance improvement	165	2,394	2,787	1,276
Internet searching and learning	8	119	70	7,744
Internet (enduring materials)	2,048	3,845	76,266	335,092
Enduring materials (other)	1,584	3,342	51,369	30,413
Learning from teaching	46	243	653	999
Journal CME	187	456	3,018	1,260
Manuscript review	0	1	2	3
Total	36,551	281,485	2,121,154	1,712,945

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Table 32. Numbers of Activities, Hours, and Interactions with Commercial Support - 2016

	Activities	Hours of instruction	Physician participants	Other learners
Courses	647	4,201	29,863	31,727
Regularly scheduled series	60	1,117	14,609	6,651
Internet (live)	0	0	0	0
Test-item writing	0	0	0	0
Committee learning	0	0	0	0
Performance improvement	0	0	0	0
Internet searching and learning	0	0	0	0
Internet (enduring materials)	2	22	1,138	988
Enduring materials (other)	2	22	187	110
Learning from teaching	1	5	18	10
Journal CME	3	27	191	55
Manuscript review	0	0	0	0
Total	715	5,394	46,006	39,541