



JOINT ACCREDITATION™
INTERPROFESSIONAL CONTINUING EDUCATION



Joint Accreditation Data Report

Scope and Diversity of Accredited Continuing Education for Healthcare Teams – 2018

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Joint Accreditation Data Report

Scope and Diversity of Accredited Continuing Education for Healthcare Teams—2018

Executive Summary

Welcome to the inaugural *Joint Accreditation Data Report: Scope and Diversity of Accredited Continuing Education for Healthcare Teams—2018*. The purpose of the report is to provide a comprehensive picture of the scope of the accredited interprofessional continuing education (IPCE) community, including the range of jointly accredited organizations, educational activities, and learners. We have published this report as a service to the IPCE community. Jointly accredited providers can use this report to benchmark themselves against their colleagues and to demonstrate the value of their work to leadership and stakeholders.

Key Takeaways— Advancing Continuing Education by the Team, for the Team

- In 2018, 75 [jointly accredited providers](#) offered close to 30,000 educational activities, comprising 144,000 hours of instruction.
- A wide range of organization types are jointly accredited, including government and military organizations, hospitals and healthcare delivery systems, nonprofit membership organizations, publishing and education companies, schools of health sciences/medicine, and others.
- Providers report the number of learners at each activity; these numbers are referred to as interactions in the data report. Educational activities offered by jointly accredited providers included more than 15 million interactions with healthcare professionals.
- Providers reported the most interactions with nurses (45%), followed by physicians (21%), pharmacists (10%) and pharmacy technicians (6%). Learner interactions with other professions made up 18% of total interactions. See more information about profession categories below.
- The most common activity types were Internet enduring materials (49%), followed by courses (28%) and other types of enduring materials (12%).
- The activity type with the most learner interactions was Internet enduring materials (68%), followed by other enduring materials (19%). Courses and regularly scheduled series each accounted for 5% of learner interactions.
- [Joint Accreditation Criteria](#) require providers to design activities to effect change. Providers reported that 94% of CE activities were designed to change learners' skills/strategy, 67% were designed to change learners' performance, and 15% were designed to change patient outcomes.

Background

In 2018, the three founding members of Joint Accreditation for Interprofessional Continuing Education™—the Accreditation Council for Continuing Medical Education (ACCME), Accreditation Council for Pharmacy Education (ACPE), and American Nurses Credentialing Center (ANCC)—launched the Joint Accreditation Program and Activity Reporting System (JA-PARS). This new data system enabled jointly accredited providers to report all of their program and activity data, including uni-professional and interprofessional continuing education (IPCE) activities, into a single, unified repository. Before 2018, jointly accredited providers reported data into multiple accreditors' data systems.

Learner Interactions by Profession

JA-PARS was initially configured to allow jointly accredited providers to report learner data for the professions of medicine, nursing, and pharmacy; learners from other professions are categorized as “other profession interactions” in this report. Joint Accreditation recently expanded to include the CE accreditors for the professions of optometry, PAs (physician assistants), psychology, and social work. Earlier this year, JA PARS was modified to allow providers to enter data about these additional professions, and this data will be reflected in the 2019 data report.

Preparation of the Joint Accreditation Data Report

The aggregated information published in this annual report is based upon self-reporting by jointly accredited providers. Joint Accreditation does not provide full verification of the accuracy of all reported information but does follow-up if it appears that providers have reported activity data that does not conform to Joint Accreditation's definitions and reporting instructions.

Thank You

We thank the jointly accredited providers who submitted their data into JA-PARS, making this report possible and creating the opportunity to present a more complete and in-depth picture of IPCE.

More Information

For more information about the terms used in the data report, please see the [ACCME/AMA Glossary of Terms and Definitions](#) and the [Joint Accreditation definitions](#). Visit the [Joint Accreditation website](#) for more information and resources about IPCE.

CE Presented by Jointly Accredited Providers
Table 1. Size of the CE Enterprise—2018
Total providers = 75

					Learner interactions by profession ³				
Directly provided ¹	Activities	Hours of instruction	Total learner interactions ²	Physician interactions ²	Nurse interactions ²	Pharmacist interactions ²	Pharmacy technician interactions ²	Other profession interactions ²	
Courses	5,896	39,910	647,986	94,539	393,029	12,015	486	147,917	
Regularly scheduled series	1,956	46,585	784,366	504,701	101,741	8,126	199	169,599	
Internet (live)	647	1,835	211,420	3,398	21,636	100,192	49,091	37,103	
Test-item writing	5	26	73	49	13	-	-	11	
Committee learning	1	1	156	47	52	-	-	57	
Performance improvement	8	145	725	280	226	-	-	219	
Internet searching and learning	3	2	532	173	-	-	-	359	
Internet enduring materials	13,185	18,236	10,119,845	2,044,635	5,866,364	75,209	4,092	2,129,545	
Enduring materials (other)	3,386	9,342	2,861,349	287,216	276,429	1,339,709	889,032	68,963	
Learning from teaching	4	31	84	62	13	-	-	9	
Journal CE	191	220	147,120	37,288	4,409	157	17	105,249	
Manuscript review	2	31	228	156	-	-	-	72	
Other	30	943	220	28	70	-	-	122	
Total	25,314	117,305	14,774,104	2,972,572	6,663,982	1,535,408	942,917	2,659,225	
Jointly provided ¹									
Courses	2,259	19,244	141,433	44,908	38,435	8,395	106	49,589	
Regularly scheduled series	199	3,631	43,895	26,138	5,556	7	-	12,194	
Internet (live)	333	437	32,696	3,500	12,339	2,189	37	14,631	
Test-item writing	1	2	12	3	2	-	-	7	
Committee learning	1	1	2	1	-	-	-	1	
Performance improvement	10	43	783	142	475	-	-	166	
Internet searching and learning	-	-	-	-	-	-	-	-	
Internet enduring materials	1,278	2,739	328,025	119,253	116,742	28,104	771	63,155	
Enduring materials (other)	73	288	62,095	1,190	25,426	557	42	34,880	
Learning from teaching	-	-	-	-	-	-	-	-	
Journal CE	160	195	55,730	37,212	5,171	-	-	13,347	
Manuscript review	1	3	22	22	-	-	-	-	
Other	-	-	-	-	-	-	-	-	
Total	4,315	26,581	664,693	232,369	204,146	39,252	956	187,970	
Number of providers									
Grand total 2018	75	29,629	143,886	15,438,797	3,204,941	6,868,128	1,574,660	943,873	2,847,195

¹Directly provided activities are delivered by an accredited provider. Jointly provided activities are delivered by an accredited provider and one or more nonaccredited organizations.

²Accredited providers report the number of learners at each activity. In this report, the learner numbers are referred to as interactions. The data represents aggregate numbers of interactions and not the number of unique learners. Learners attending multiple activities are counted multiple times.

³The launch of the Joint Accreditation Program and Activity Reporting System (JA-PARS) in 2018 enabled jointly accredited providers to report learner data by the specific professions shown above. "Other profession interactions" refers to healthcare professionals other than the ones listed. Additional professions will be included in 2019.

CE Presented by Jointly Accredited Providers
Table 2. Activities by Organization and Activity Type—2018

Organization type	Government or military	Hospital/ healthcare delivery system	Insurance/ managed-care company	Nonprofit (other)	Nonprofit (membership organization)	Other	Publishing/ education company	School of health sciences/ medicine	Grand total
Number of providers	4	12	-	3	8	12	20	16	75
Directly provided¹									
Courses	112	1,678	-	443	287	578	593	2,205	5,896
Regularly scheduled series	40	656	-	27	12	61	26	1,134	1,956
Internet (live)	4	40	-	198	52	93	223	37	647
Test-item writing	-	-	-	-	2	3	-	-	5
Committee learning	-	-	-	-	-	1	-	-	1
Performance improvement	-	3	-	-	-	-	-	5	8
Internet searching and learning	-	1	-	-	-	-	2	-	3
Internet enduring materials	12	150	-	84	440	245	11,425	829	13,185
Enduring materials (other)	15	71	-	4	10	13	3,169	104	3,386
Learning from teaching	-	1	-	-	-	1	-	2	4
Journal CE	-	19	-	-	24	-	73	75	191
Manuscript review	-	-	-	-	-	1	-	1	2
Other	-	12	-	-	-	-	-	18	30
Total	183	2,631	-	756	827	996	15,511	4,410	25,314
Jointly provided¹									
Courses	3	37	-	61	53	118	1,290	697	2,259
Regularly scheduled series	-	11	-	-	-	19	2	167	199
Internet (live)	-	-	-	-	7	1	122	203	333
Test-item writing	-	-	-	-	-	1	-	-	1
Committee learning	-	-	-	-	-	1	-	-	1
Performance improvement	-	-	-	-	2	8	-	-	10
Internet searching and learning	-	-	-	-	-	-	-	-	-
Internet enduring materials	-	-	-	-	52	29	892	305	1,278
Enduring materials (other)	-	1	-	-	4	22	38	8	73
Learning from teaching	-	-	-	-	-	-	-	-	-
Journal CE	-	-	-	-	11	-	100	49	160
Manuscript review	-	-	-	-	-	-	-	1	1
Other	-	-	-	-	-	-	-	-	-
Total	3	49	-	61	129	199	2,444	1,430	4,315
Grand total	186	2,680	-	817	956	1,195	17,955	5,840	29,629

¹Directly provided activities are delivered by an accredited provider. Jointly provided activities are delivered by an accredited provider and one or more nonaccredited organizations.

CE Presented by Jointly Accredited Providers
Table 3. Hours of Instruction by Organization and Activity Type—2018

Organization type	Government or military	Hospital/ healthcare delivery system	Insurance/ managed-care company	Nonprofit (other)	Nonprofit (membership organization)	Other	Publishing/ education company	School of health sciences/ medicine	Grand total
Number of providers	4	12	-	3	8	12	20	16	75
Directly provided¹									
Courses	1,020	8,964	-	1,706	1,633	4,494	4,697	17,396	39,910
Regularly scheduled series	209	15,998	-	29	45	2,033	342	27,930	46,585
Internet (live)	7	161	-	319	80	222	308	740	1,835
Test-item writing	-	-	-	-	20	6	-	-	26
Committee learning	-	-	-	-	-	1	-	-	1
Performance improvement	-	35	-	-	-	-	-	110	145
Internet searching and learning	-	1	-	-	-	-	1	-	2
Internet enduring materials	14	217	-	95	1,069	438	14,256	2,148	18,236
Enduring materials (other)	28	80	-	2	119	26	7,670	1,418	9,342
Learning from teaching	-	20	-	-	-	3	-	8	31
Journal CE	-	46	-	-	27	-	72	75	220
Manuscript review	-	-	-	-	-	16	-	15	31
Other	-	371	-	-	-	-	-	572	943
Total	1,277	25,891	-	2,151	2,992	7,237	27,346	50,411	117,305
Jointly provided¹									
Courses	62	310	-	121	162	797	10,775	7,017	19,244
Regularly scheduled series	-	89	-	-	-	657	5	2,880	3,631
Internet (live)	-	-	-	-	8	24	176	230	437
Test-item writing	-	-	-	-	-	2	-	-	2
Committee learning	-	-	-	-	-	1	-	-	1
Performance improvement	-	-	-	-	40	3	-	-	43
Internet searching and learning	-	-	-	-	-	-	-	-	-
Internet enduring materials	-	-	-	-	145	86	1,948	560	2,739
Enduring materials (other)	-	1	-	-	8	42	73	165	288
Learning from teaching	-	-	-	-	-	-	-	-	-
Journal CE	-	-	-	-	10	-	100	85	195
Manuscript review	-	-	-	-	-	-	-	3	3
Other	-	-	-	-	-	-	-	-	-
Total	62	400	-	121	371	1,611	13,076	10,940	26,581
Grand total	1,339	26,291	-	2,272	3,363	8,848	40,422	61,350	143,886

¹Directly provided activities are delivered by an accredited provider. Jointly provided activities are delivered by an accredited provider and one or more nonaccredited organizations.

CE Presented by Jointly Accredited Providers
Table 4. Total Learner Interactions by Organization and Activity Type—2018

Organization type	Government or military	Hospital/ healthcare delivery system	Insurance/ managed-care company	Nonprofit (other)	Nonprofit (membership organization)	Other	Publishing/ education company	School of health sciences/ medicine	Grand total
Number of providers	4	12	-	3	8	12	20	16	75
Directly provided¹									
Courses	4,161	47,159	-	297,956	75,137	50,913	52,501	120,159	647,986
Regularly scheduled series	7,062	338,385	-	4,998	912	22,862	1,588	408,559	784,366
Internet (live)	475	1,100	-	21,856	6,886	4,532	175,654	917	211,420
Test-item writing	-	-	-	-	31	42	-	-	73
Committee learning	-	-	-	-	-	156	-	-	156
Performance improvement	-	76	-	-	-	-	-	649	725
Internet searching and learning	-	3	-	-	-	-	529	-	532
Internet enduring materials	473	31,395	-	1,207,825	823,296	155,600	7,872,838	28,418	10,119,845
Enduring materials (other)	2,949	4,742	-	43	4,306	2,056	2,828,799	18,454	2,861,349
Learning from teaching	-	6	-	-	-	33	-	45	84
Journal CE	-	2,111	-	-	1,204	-	137,836	5,969	147,120
Manuscript review	-	-	-	-	-	69	-	159	228
Other	-	12	-	-	-	-	-	208	220
Total	15,120	424,989	-	1,532,678	911,772	236,263	11,069,745	583,537	14,774,104
Jointly provided¹									
Courses	794	2,561	-	1,683	2,684	6,702	68,590	58,419	141,433
Regularly scheduled series	-	787	-	-	-	3,009	88	40,011	43,895
Internet (live)	-	-	-	-	371	25	18,769	13,531	32,696
Test-item writing	-	-	-	-	-	12	-	-	12
Committee learning	-	-	-	-	-	2	-	-	2
Performance improvement	-	-	-	-	-	783	-	-	783
Internet searching and learning	-	-	-	-	-	-	-	-	-
Internet enduring materials	-	-	-	-	18,526	760	241,213	67,526	328,025
Enduring materials (other)	-	100	-	-	1,256	39,988	2,661	18,090	62,095
Learning from teaching	-	-	-	-	-	-	-	-	-
Journal CE	-	-	-	-	715	-	54,709	306	55,730
Manuscript review	-	-	-	-	-	-	-	22	22
Other	-	-	-	-	-	-	-	-	-
Total	794	3,448	-	1,683	23,552	51,281	386,030	197,905	664,693
Grand total	15,914	428,437	-	1,534,361	935,324	287,544	11,455,775	781,442	15,438,797

¹Directly provided activities are delivered by an accredited provider. Jointly provided activities are delivered by an accredited provider and one or more nonaccredited organizations.

CE Presented by Jointly Accredited Providers

Table 5. Income—2018

Total providers = 75

	Total income	Registration fees	Total monetary commercial support	Advertising and exhibits income	Private donations	Government grants
Average	\$ 6,776,440	\$ 2,672,785	\$ 3,188,414	\$ 813,802	\$ 22,242	\$ 79,197
First Quartile ¹	\$ 44,500	\$ -	\$ -	\$ -	\$ -	\$ -
Second Quartile (Median) ¹	\$ 1,536,000	\$ 156,830	\$ 35,000	\$ 5,800	\$ -	\$ -
Third Quartile ¹	\$ 4,080,708	\$ 1,915,396	\$ 1,606,612	\$ 526,500	\$ -	\$ -
Total	\$ 508,233,007	\$ 200,458,867	\$ 239,131,076	\$ 61,035,162	\$ 1,668,154	\$ 5,939,749
Providers reporting data > \$0	63	55	41	39	13	13

¹The percentage of providers reporting data for some of the financial categories is less than needed to report some of the quartile values.

CE Presented by Jointly Accredited Providers
Table 6. Income by Organization Type—2018

	Number of providers	Total reported income	Registration fees	Total commercial support	Advertising and exhibits income	Private donations	Government Grants
Government or military	4	\$ 1,540,700	\$ 4,700	\$ -	\$ -	\$ -	\$ 1,536,000
Hospital/healthcare delivery system	12	\$ 5,197,584	\$ 1,968,195	\$ 556,750	\$ 2,634,884	\$ 37,755	\$ -
Insurance/managed-care company	-	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Nonprofit (other)	3	\$ 16,082,705	\$ 14,003,305	\$ 1,007,750	\$ 947,075	\$ -	\$ 124,575
Nonprofit (membership organization)	8	\$ 88,091,712	\$ 48,445,749	\$ 14,647,441	\$ 24,426,947	\$ 340,576	\$ 230,999
Other	12	\$ 14,547,650	\$ 12,430,607	\$ 733,563	\$ 1,203,480	\$ 180,000	\$ -
Publishing/education company	20	\$ 298,373,364	\$ 75,917,343	\$ 206,615,159	\$ 14,055,420	\$ 148,750	\$ 1,636,693
School of health sciences/medicine	16	\$ 84,399,292	\$ 47,688,968	\$ 15,570,413	\$ 17,767,356	\$ 961,073	\$ 2,411,482
Grand totals	75	\$ 508,233,007	\$ 200,458,867	\$ 239,131,076	\$ 61,035,162	\$ 1,668,154	\$ 5,939,749

Note: Grand totals may differ slightly due to rounding.

CE Presented by Jointly Accredited Providers
Table 7. Total Numbers of Activities, Hours, and Interactions with and without Commercial Support—2018

	Activities	Hours of instruction	Total learner interactions	Learner interactions by profession				
				Physician interactions	Nurse interactions	Pharmacist interactions	Pharmacy technician interactions	Other profession interactions
Courses	8,155	59,154	789,419	139,447	431,464	20,410	592	197,506
Regularly scheduled series	2,155	50,215	828,261	530,839	107,297	8,133	199	181,793
Internet (live)	980	2,272	244,116	6,898	33,975	102,381	49,128	51,734
Test-item writing	6	28	85	52	15	-	-	18
Committee learning	2	2	158	48	52	-	-	58
Performance improvement	18	188	1,508	422	701	-	-	385
Internet searching and learning	3	2	532	173	-	-	-	359
Internet enduring materials	14,463	20,974	10,447,870	2,163,888	5,983,106	103,313	4,863	2,192,700
Enduring materials (other)	3,459	9,630	2,923,444	288,406	301,855	1,340,266	889,074	103,843
Learning from teaching	4	31	84	62	13	-	-	9
Journal CE	351	415	202,850	74,500	9,580	157	17	118,596
Manuscript review	3	34	250	178	-	-	-	72
Other	30	943	220	28	70	-	-	122
Total	29,629	143,886	15,438,797	3,204,941	6,868,128	1,574,660	943,873	2,847,195

CE Presented by Jointly Accredited Providers
Table 8. Numbers of Activities, Hours, and Interactions without Commercial Support—2018

	Activities	Hours of instruction	Total learners	Learner interactions by profession				
				Physician interactions	Nurse interactions	Pharmacist interactions	Pharmacy technician interactions	Other profession interactions
Courses	6,779	50,907	334,113	74,200	127,233	16,373	571	115,736
Regularly scheduled series	2,125	49,884	820,165	526,726	106,575	7,882	199	178,783
Internet (live)	848	2,137	214,191	5,003	28,403	96,956	48,996	34,833
Test-item writing	6	28	85	52	15	-	-	18
Committee learning	2	2	158	48	52	-	-	58
Performance improvement	17	168	1,499	416	701	-	-	382
Internet searching and learning	3	2	532	173	-	-	-	359
Internet enduring materials	12,650	19,577	8,173,597	1,335,135	4,959,945	51,383	4,837	1,822,297
Enduring materials (other)	3,390	9,563	2,913,881	286,205	298,526	1,339,998	889,074	100,078
Learning from teaching	4	31	84	62	13	-	-	9
Journal CE	348	412	198,313	71,405	8,951	157	17	117,783
Manuscript review	3	34	250	178	-	-	-	72
Other	30	943	220	28	70	0	0	122
Total	26,205	133,687	12,657,088	2,299,631	5,530,484	1,512,749	943,694	2,370,530

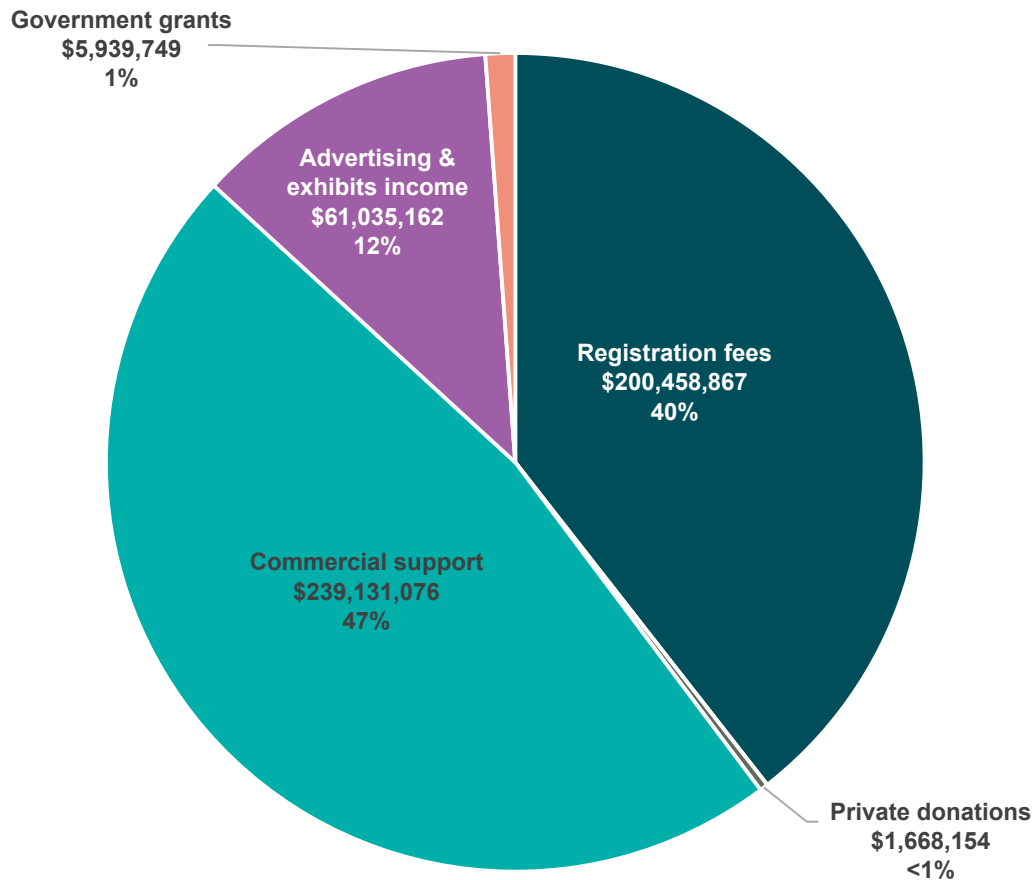
CE Presented by Jointly Accredited Providers
Table 9. Numbers of Activities, Hours, and Interactions with Commercial Support—2018

	Activities	Hours of instruction	Total learners	Learner interactions by profession				
				Physician interactions	Nurse interactions	Pharmacist interactions	Pharmacy technician interactions	Other profession interactions
Courses	1,376	8,247	455,306	65,247	304,231	4,037	21	81,770
Regularly scheduled series	30	331	8,096	4,113	722	251	-	3,010
Internet (live)	132	134	29,925	1,895	5,572	5,425	132	16,901
Test-item writing	-	-	-	-	-	-	-	-
Committee learning	-	-	-	-	-	-	-	-
Performance improvement	1	20	9	6	-	-	-	3
Internet searching and learning	-	-	-	-	-	-	-	-
Internet enduring materials	1,813	1,397	2,274,273	828,753	1,023,161	51,930	26	370,403
Enduring materials (other)	69	67	9,563	2,201	3,329	268	-	3,765
Learning from teaching	-	-	-	-	-	-	-	-
Journal CE	3	3	4,537	3,095	629	-	-	813
Manuscript review	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-
Total	3,424	10,199	2,781,709	905,310	1,337,644	61,911	179	476,665

CE Presented by Jointly Accredited Providers

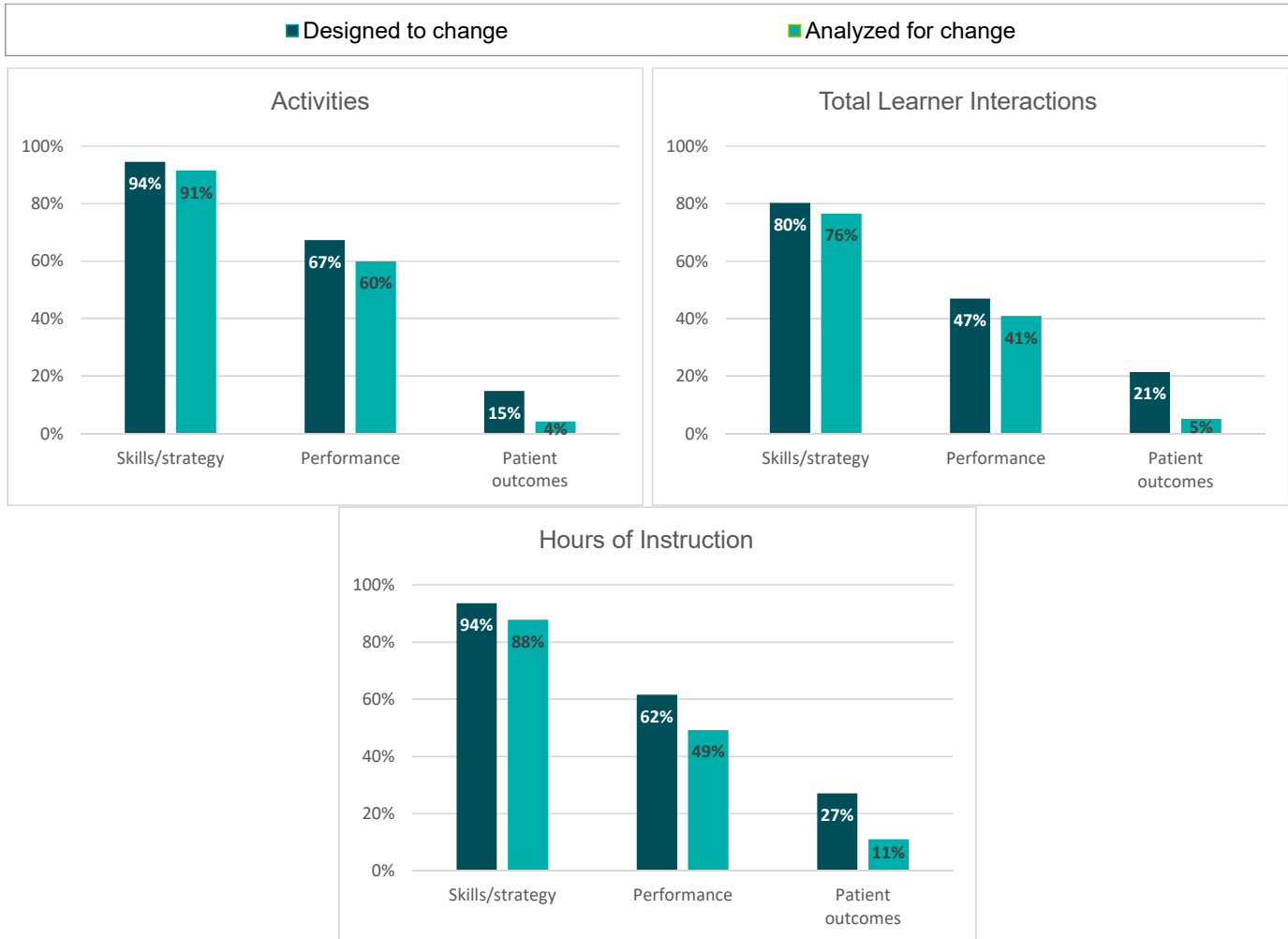
Figure 1. Income—2018

Total Income is \$508,233,007



In 2018, commercial support made up 47% of reported income for jointly accredited providers. Registration fees accounted for 40%, advertising and exhibits income for 12%, commercial support for 10%, and government grants and private donations accounted for the remainder.

CE Presented by Jointly Accredited Providers
Figure 2. Percentages Designed/Analyzed for Change in
Skills/Strategy, Performance, or Patient Outcomes—2018



The Joint Accreditation Criteria require providers to produce educational activities that are designed to change skills/strategy, performance, or patient outcomes. Providers are then required to analyze the changes that were achieved as a result of the activities.

Figure 2 illustrates the percentage of CE provided in 2018 that was designed and/or analyzed for changes in skills/strategy, performance, and/or patient outcomes.