

Question	Answer	University of Maryland, Baltimore County		DR		All U.S. institutions	
		Count	Percentage of Respondents	Count	Percentage of Respondents	Count	Percentage of Respondents
1.1 Age	Totals	185	100%	17068	100%	35760	100%
	18–24	161	87%	14546	85%	29355	82%
	25 or older	24	13%	2522	15%	6405	18%
1.2 Class standing	Totals	185	100%	17068	100%	35760	100%
	Not an undergraduate student	0	0%	0	0%	0	0%
	Freshman or first-year student	0	0%	3941	23%	8445	24%
	Sophomore or second-year student	40	22%	3510	21%	7828	22%
	Junior or third-year student	64	35%	4401	26%	8972	25%
	Senior or fourth-year student	64	35%	3990	23%	7785	22%
	Fifth-year student or beyond	12	6%	916	5%	1803	5%
Other type of undergraduate student	5	3%	310	2%	927	3%	
2.1 Number of internet-capable devices owned	Totals	184	100%	17037	100%	35717	100%
	None	0	0%	39	0%	75	0%
	One	3	2%	366	2%	730	2%
	Two	53	29%	5907	35%	11885	33%
	Three	64	35%	5473	32%	11776	33%
	Four	34	18%	2743	16%	5864	16%
	Five	12	7%	1016	6%	2169	6%
	Six or more	18	10%	1493	9%	3218	9%
2.2 Own: Desktop	Totals	163	100%	14985	100%	31093	100%
	No, and I don't plan to purchase one within the next 12 months.	91	56%	10063	67%	20649	66%
	No, but I plan to purchase one within the next 12 months.	11	7%	720	5%	1430	5%
	Yes, I currently own one (or more)	61	37%	4202	28%	9014	29%
2.2 Own: Laptop	Totals	184	100%	16880	100%	35373	100%
	No, and I don't plan to purchase one within the next 12 months.	3	2%	465	3%	964	3%
	No, but I plan to purchase one within the next 12 months.	0	0%	327	2%	646	2%
	Yes, I currently own one (or more)	181	98%	16088	95%	33763	95%
2.2 Own: Tablet	Totals	165	100%	15233	100%	31797	100%
	No, and I don't plan to purchase one within the next 12 months.	73	44%	6774	44%	13512	42%
	No, but I plan to purchase one within the next 12 months.	9	5%	762	5%	1535	5%
	Yes, I currently own one (or more)	83	50%	7697	51%	16750	53%
2.2 Own: Smartphone	Totals	184	100%	16905	100%	35374	100%
	No, and I don't plan to purchase one within the next 12 months.	9	5%	316	2%	672	2%
	No, but I plan to purchase one within the next 12 months.	1	1%	114	1%	267	1%
	Yes, I currently own one (or more)	174	95%	16475	97%	34435	97%
2.2a Desktop OS	Totals	61	100%	4198	100%	9003	100%
	Other	0	0%	19	0%	39	0%
	Windows	54	89%	3176	76%	6915	77%
	MacOS or OS X	5	8%	805	19%	1592	18%
	Chrome OS	1	2%	92	2%	207	2%
	Linux	1	2%	63	2%	134	1%
	Don't know	0	0%	43	1%	116	1%
2.2b Laptop OS	Totals	181	100%	16076	100%	33722	100%
	Other	1	1%	56	0%	157	0%
	Windows	111	61%	8440	53%	18048	54%
	MacOS or OS X	61	34%	6869	43%	13884	41%
	Chrome OS	4	2%	467	3%	1093	3%
	Linux	3	2%	122	1%	253	1%
	Don't know	1	1%	122	1%	287	1%
2.2c Tablet type	Totals	83	100%	7684	100%	16723	100%
	Other	3	4%	318	4%	692	4%
	iPad	47	57%	4293	56%	9461	57%
	Windows tablet	5	6%	734	10%	1320	8%
	Android tablet	19	23%	1546	20%	3382	20%
	Amazon Fire	9	11%	723	9%	1722	10%
	Don't know	0	0%	70	1%	146	1%
2.2d Smartphone type	Totals	174	100%	16469	100%	34417	100%
	Other	1	1%	106	1%	239	1%
	iPhone	108	62%	11220	68%	23431	68%
	Android phone	63	36%	5053	31%	10570	31%
	Windows phone	2	1%	71	0%	136	0%
	Don't know	0	0%	19	0%	41	0%
2.3 Device usage: Desktop	Totals	171	100%	15198	100%	31525	100%
	Did not use at all	99	58%	8135	54%	16449	52%
	Used for at least one course	19	11%	2462	16%	5190	16%
	Used for about half of my courses	11	6%	1141	8%	2425	8%
	Used for most of my courses	18	11%	1227	8%	2639	8%

	Used for all my courses	24	14%	2233	15%	4822	15%
2.3 Device usage: Laptop	Totals	182	100%	16774	100%	35171	100%
	Did not use at all	3	2%	468	3%	1046	3%
	Used for at least one course	3	2%	449	3%	968	3%
	Used for about half of my courses	11	6%	837	5%	1761	5%
	Used for most of my courses	35	19%	3063	18%	6494	18%
	Used for all my courses	130	71%	11957	71%	24902	71%
2.3 Device usage: Tablet	Totals	162	100%	15180	100%	31631	100%
	Did not use at all	98	60%	9792	65%	20295	64%
	Used for at least one course	21	13%	2057	14%	4513	14%
	Used for about half of my courses	13	8%	1108	7%	2295	7%
	Used for most of my courses	14	9%	900	6%	1827	6%
	Used for all my courses	16	10%	1323	9%	2701	9%
2.3 Device usage: Smartphone	Totals	180	100%	16665	100%	34793	100%
	Did not use at all	40	22%	2474	15%	5857	17%
	Used for at least one course	51	28%	3991	24%	8590	25%
	Used for about half of my courses	25	14%	2910	17%	6010	17%
	Used for most of my courses	24	13%	2770	17%	5621	16%
	Used for all my courses	40	22%	4520	27%	8715	25%
2.4 Academic success: Desktop	Totals	72	100%	6999	100%	14930	100%
	Not at all important	8	11%	613	9%	1412	9%
	Not very important	7	10%	1235	18%	2698	18%
	Moderately important	17	24%	1732	25%	3528	24%
	Very important	14	19%	1216	17%	2541	17%
	Extremely important	26	36%	2203	31%	4751	32%
2.4 Academic success: Laptop	Totals	177	100%	16088	100%	33596	100%
	Not at all important	1	1%	57	0%	117	0%
	Not very important	1	1%	164	1%	325	1%
	Moderately important	6	3%	709	4%	1492	4%
	Very important	29	16%	2445	15%	5300	16%
	Extremely important	140	79%	12713	79%	26362	78%
2.4 Academic success: Tablet	Totals	64	100%	5345	100%	11240	100%
	Not at all important	1	2%	336	6%	735	7%
	Not very important	15	23%	1351	25%	2924	26%
	Moderately important	23	36%	1603	30%	3361	30%
	Very important	9	14%	825	15%	1811	16%
	Extremely important	16	25%	1230	23%	2409	21%
2.4 Academic success: Smartphone	Totals	139	100%	14118	100%	28788	100%
	Not at all important	9	6%	379	3%	828	3%
	Not very important	35	25%	2542	18%	5521	19%
	Moderately important	37	27%	4338	31%	8987	31%
	Very important	26	19%	2882	20%	5781	20%
	Extremely important	32	23%	3977	28%	7671	27%
2.5 Handheld importance: Administrative	Totals	176	100%	16556	100%	34657	100%
	Not at all important	9	5%	504	3%	1175	3%
	Not very important	16	9%	1225	7%	2733	8%
	Moderately important	46	26%	3518	21%	7553	22%
	Very important	53	30%	4662	28%	9830	28%
	Extremely important	52	30%	6647	40%	13366	39%
2.5 Handheld importance: Academic	Totals	176	100%	16547	100%	34647	100%
	Not at all important	14	8%	1130	7%	2562	7%
	Not very important	39	22%	2559	15%	5486	16%
	Moderately important	41	23%	4206	25%	8924	26%
	Very important	38	22%	3740	23%	7923	23%
	Extremely important	44	25%	4912	30%	9752	28%
2.6 Handheld support: Access library resources	Totals	156	100%	15330	100%	31815	100%
	Poor	11	7%	782	5%	1754	6%
	Fair	14	9%	1378	9%	2827	9%
	Neutral	20	13%	2380	16%	4878	15%
	Good	31	20%	3751	24%	7919	25%
	Excellent	24	15%	2313	15%	4731	15%
	Haven't used service in the past year	53	34%	4440	29%	9016	28%
	Service not offered/does not function on my mobile device	3	2%	286	2%	690	2%
2.6 Handheld support: Check grades	Totals	158	100%	15341	100%	31826	100%
	Poor	12	8%	672	4%	1662	5%
	Fair	16	10%	1241	8%	2659	8%
	Neutral	23	15%	1699	11%	3514	11%
	Good	61	39%	5875	38%	11848	37%
	Excellent	38	24%	5191	34%	10306	32%
	Haven't used service in the past year	6	4%	550	4%	1474	5%
	Service not offered/does not function on my mobile device	2	1%	113	1%	363	1%
	Totals	157	100%	15341	100%	31830	100%
2.6 Handheld support: Access course content	Poor	17	11%	654	4%	1513	5%
	Fair	12	8%	1480	10%	3009	9%
	Neutral	27	17%	2006	13%	4159	13%
	Good	55	35%	5924	39%	12125	38%
	Excellent	38	24%	4320	28%	8601	27%

	Haven't used service in the past year	5	3%	793	5%	2001	6%
	Service not offered/does not function on my mobile device	3	2%	164	1%	422	1%
2.6 Handheld support: Use the LMS	Totals	159	100%	15341	100%	31826	100%
	Poor	21	13%	980	6%	2212	7%
	Fair	23	14%	1527	10%	3100	10%
	Neutral	25	16%	2006	13%	4200	13%
	Good	48	30%	5339	35%	10491	33%
	Excellent	32	20%	3868	25%	7230	23%
	Haven't used service in the past year	7	4%	1368	9%	3811	12%
	Service not offered/does not function on my mobile device	3	2%	253	2%	782	2%
2.6 Handheld support: Register for courses	Totals	159	100%	15322	100%	31785	100%
	Poor	21	13%	1558	10%	3037	10%
	Fair	14	9%	1354	9%	2675	8%
	Neutral	22	14%	1962	13%	3878	12%
	Good	33	21%	3557	23%	7332	23%
	Excellent	28	18%	2872	19%	5561	17%
	Haven't used service in the past year	33	21%	3505	23%	8064	25%
	Service not offered/does not function on my mobile device	8	5%	514	3%	1238	4%
2.6 Handheld support: Review transcript	Totals	158	100%	15325	100%	31794	100%
	Poor	12	8%	954	6%	1985	6%
	Fair	13	8%	1349	9%	2715	9%
	Neutral	20	13%	2175	14%	4581	14%
	Good	37	23%	4013	26%	8105	25%
	Excellent	22	14%	2461	16%	4828	15%
	Haven't used service in the past year	48	30%	3983	26%	8658	27%
	Service not offered/does not function on my mobile device	6	4%	390	3%	922	3%
2.6 Handheld support: Make tuition/fee payments	Totals	157	100%	15324	100%	31796	100%
	Poor	8	5%	866	6%	1729	5%
	Fair	12	8%	1001	7%	2000	6%
	Neutral	23	15%	1931	13%	4008	13%
	Good	31	20%	3002	20%	6169	19%
	Excellent	15	10%	2177	14%	4273	13%
	Haven't used service in the past year	60	38%	5813	38%	12483	39%
	Service not offered/does not function on my mobile device	8	5%	534	3%	1134	4%
2.6 Handheld support: Track financial aid	Totals	157	100%	15343	100%	31821	100%
	Poor	10	6%	887	6%	1831	6%
	Fair	21	13%	1219	8%	2553	8%
	Neutral	28	18%	2162	14%	4592	14%
	Good	25	16%	3502	23%	7212	23%
	Excellent	15	10%	2489	16%	4634	15%
	Haven't used service in the past year	56	36%	4663	30%	10025	32%
	Service not offered/does not function on my mobile device	2	1%	421	3%	974	3%
2.6 Handheld support: Access information about events, activities, and clubs/organizations	Totals	159	100%	15331	100%	31808	100%
	Poor	10	6%	609	4%	1309	4%
	Fair	14	9%	1288	8%	2724	9%
	Neutral	33	21%	2345	15%	4875	15%
	Good	47	30%	5616	37%	11600	36%
	Excellent	33	21%	3466	23%	6756	21%
	Haven't used service in the past year	21	13%	1855	12%	4190	13%
	Service not offered/does not function on my mobile device	1	1%	152	1%	354	1%
2.6 Handheld support: Use the mobile device as identification	Totals	157	100%	15325	100%	31784	100%
	Poor	9	6%	712	5%	1486	5%
	Fair	6	4%	1100	7%	2234	7%
	Neutral	30	19%	2126	14%	4437	14%
	Good	34	22%	4024	26%	8183	26%
	Excellent	21	13%	2521	16%	4927	16%
	Haven't used service in the past year	39	25%	3834	25%	8431	27%
	Service not offered/does not function on my mobile device	18	11%	1008	7%	2086	7%
2.6 Handheld support: Use the mobile device to verify/record attendance	Totals	158	100%	15333	100%	31799	100%
	Poor	17	11%	661	4%	1389	4%
	Fair	9	6%	1000	7%	2050	6%
	Neutral	27	17%	2084	14%	4349	14%
	Good	23	15%	3350	22%	6641	21%
	Excellent	14	9%	2145	14%	4129	13%
	Haven't used service in the past year	53	34%	5124	33%	11113	35%
	Service not offered/does not function on my mobile device	15	9%	969	6%	2128	7%
	Totals	157	100%	15321	100%	31767	100%
	Poor	11	7%	722	5%	1498	5%
	Fair	12	8%	1163	8%	2284	7%
	Neutral	28	18%	2139	14%	4456	14%

2.6 Handheld support: Use e-texts	Good	35	22%	3365	22%	6884	22%
	Excellent	20	13%	2280	15%	4442	14%
	Haven't used service in the past year	46	29%	4917	32%	10560	33%
	Service not offered/does not function on my mobile device	5	3%	735	5%	1643	5%
2.6 Handheld support: Communicate with other students about class-related matters outside class	Totals	159	100%	15330	100%	31813	100%
	Poor	1	1%	372	2%	776	2%
	Fair	8	5%	898	6%	1823	6%
	Neutral	30	19%	1835	12%	3839	12%
	Good	57	36%	5625	37%	11829	37%
	Excellent	55	35%	5287	34%	10615	33%
	Haven't used service in the past year	6	4%	1119	7%	2553	8%
	Service not offered/does not function on my mobile device	2	1%	194	1%	378	1%
2.6 Handheld support: Communicate with instructors about class-related matters outside class	Totals	158	100%	15319	100%	31795	100%
	Poor	1	1%	382	2%	814	3%
	Fair	9	6%	1065	7%	2178	7%
	Neutral	23	15%	2047	13%	4118	13%
	Good	62	39%	5967	39%	12555	39%
	Excellent	39	25%	4119	27%	8572	27%
	Haven't used service in the past year	21	13%	1555	10%	3190	10%
	Service not offered/does not function on my mobile device	3	2%	184	1%	368	1%
2.6 Handheld support: Take notes in class	Totals	159	100%	15332	100%	31805	100%
	Poor	7	4%	1041	7%	2245	7%
	Fair	7	4%	1127	7%	2265	7%
	Neutral	26	16%	2034	13%	4112	13%
	Good	35	22%	3338	22%	6784	21%
	Excellent	29	18%	2474	16%	4834	15%
	Haven't used service in the past year	49	31%	4844	32%	10522	33%
	Service not offered/does not function on my mobile device	6	4%	474	3%	1043	3%
2.6 Handheld support: Look up course-related information while in class	Totals	158	100%	15338	100%	31832	100%
	Poor	10	6%	697	5%	1555	5%
	Fair	12	8%	1283	8%	2631	8%
	Neutral	40	25%	2221	14%	4636	15%
	Good	50	32%	5837	38%	12008	38%
	Excellent	40	25%	3971	26%	7716	24%
	Haven't used service in the past year	5	3%	1185	8%	2906	9%
	Service not offered/does not function on my mobile device	1	1%	144	1%	380	1%
2.6 Handheld support: Take pictures of in-class activities or resources	Totals	156	100%	15329	100%	31818	100%
	Poor	4	3%	437	3%	925	3%
	Fair	12	8%	971	6%	1993	6%
	Neutral	28	18%	1940	13%	4110	13%
	Good	46	29%	5401	35%	11105	35%
	Excellent	49	31%	4658	30%	9134	29%
	Haven't used service in the past year	14	9%	1728	11%	4117	13%
	Service not offered/does not function on my mobile device	3	2%	194	1%	434	1%
2.6 Handheld support: Record your instructor's lecture or in-class activities	Totals	157	100%	15329	100%	31824	100%
	Poor	9	6%	824	5%	1726	5%
	Fair	9	6%	887	6%	1688	5%
	Neutral	20	13%	1696	11%	3434	11%
	Good	27	17%	2612	17%	5022	16%
	Excellent	22	14%	1993	13%	3674	12%
	Haven't used service in the past year	63	40%	6692	44%	14854	47%
	Service not offered/does not function on my mobile device	7	4%	625	4%	1426	4%
2.6 Handheld support: Answer questions posed in class to generate/tally automatic responses	Totals	159	100%	15317	100%	31780	100%
	Poor	8	5%	593	4%	1258	4%
	Fair	9	6%	1024	7%	2115	7%
	Neutral	21	13%	1998	13%	4289	13%
	Good	27	17%	3988	26%	8097	25%
	Excellent	18	11%	2576	17%	4882	15%
	Haven't used service in the past year	60	38%	4425	29%	9672	30%
	Service not offered/does not function on my mobile device	16	10%	713	5%	1467	5%
2.6 Handheld support: Participate in interactive class activities	Totals	159	100%	15323	100%	31812	100%
	Poor	8	5%	706	5%	1522	5%
	Fair	9	6%	1260	8%	2624	8%
	Neutral	27	17%	2305	15%	4894	15%
	Good	42	26%	4324	28%	8988	28%
	Excellent	22	14%	2635	17%	5206	16%
	Haven't used service in the past year	43	27%	3620	24%	7585	24%
	Service not offered/does not function on my mobile device	8	5%	473	3%	993	3%
Totals	159	100%	15335	100%	31791	100%	
Poor	8	5%	1112	7%	2303	7%	

2.6 Handheld support: Produce content	Fair	13	8%	1468	10%	2957	9%
	Neutral	33	21%	2313	15%	4764	15%
	Good	40	25%	3924	26%	8202	26%
	Excellent	29	18%	2540	17%	5066	16%
	Haven't used service in the past year	33	21%	3405	22%	7239	23%
	Service not offered/does not function on my mobile device	3	2%	573	4%	1260	4%
3.1 Overall technology experience	Totals	184	100%	17009	100%	35656	100%
	Poor	7	4%	376	2%	874	2%
	Fair	6	3%	1176	7%	2531	7%
	Neutral	28	15%	2055	12%	4398	12%
	Good	107	58%	9062	53%	18892	53%
	Excellent	36	20%	4262	25%	8778	25%
3.2 Simultaneously connected devices	Don't know	0	0%	78	0%	183	1%
	Totals	182	100%	17004	100%	35653	100%
	None	2	1%	224	1%	599	2%
	One	18	10%	2395	14%	5700	16%
	Two	120	66%	11720	69%	22881	64%
	Three	39	21%	1843	11%	4242	12%
	Four	3	2%	292	2%	726	2%
	Five	0	0%	93	1%	211	1%
	Six or more	0	0%	127	1%	248	1%
	Don't know	0	0%	36	0%	88	0%
3.3 Wireless experience: Reliable access to Wi-Fi in student housing/dormitories	I don't visit campus	0	0%	274	2%	958	3%
	Totals	183	100%	16913	100%	35455	100%
	Poor	18	10%	1495	9%	3422	10%
	Fair	27	15%	1571	9%	3657	10%
	Neutral	22	12%	1911	11%	3994	11%
	Good	39	21%	3513	21%	7313	21%
	Excellent	19	10%	2122	13%	4085	12%
3.3 Wireless experience: Reliable access to Wi-Fi in campus libraries	N/A	58	32%	6301	37%	12984	37%
	Totals	182	100%	16915	100%	35467	100%
	Poor	9	5%	745	4%	1660	5%
	Fair	16	9%	1214	7%	2699	8%
	Neutral	16	9%	1538	9%	3299	9%
	Good	74	41%	6421	38%	13417	38%
	Excellent	62	34%	5752	34%	11402	32%
3.3 Wireless experience: Reliable access to Wi-Fi in classroom/instructional spaces	N/A	5	3%	1245	7%	2990	8%
	Totals	183	100%	16937	100%	35492	100%
	Poor	15	8%	1117	7%	2440	7%
	Fair	28	15%	1898	11%	4134	12%
	Neutral	30	16%	2097	12%	4376	12%
	Good	66	36%	6786	40%	13921	39%
	Excellent	42	23%	4511	27%	9080	26%
3.3 Wireless experience: Reliable access to Wi-Fi in other indoor public spaces	N/A	2	1%	528	3%	1541	4%
	Totals	183	100%	16905	100%	35466	100%
	Poor	12	7%	1234	7%	2780	8%
	Fair	25	14%	2155	13%	4719	13%
	Neutral	35	19%	2623	16%	5532	16%
	Good	66	36%	6717	40%	13727	39%
	Excellent	42	23%	3499	21%	6773	19%
3.3 Wireless experience: Reliable access to Wi-Fi in outdoor spaces	N/A	3	2%	677	4%	1935	5%
	Totals	183	100%	16922	100%	35482	100%
	Poor	48	26%	3771	22%	7843	22%
	Fair	42	23%	3514	21%	7142	20%
	Neutral	39	21%	3121	18%	6517	18%
	Good	29	16%	3973	23%	8130	23%
	Excellent	9	5%	1563	9%	3113	9%
3.3 Wireless experience: Ease of login to Wi-Fi network(s)	N/A	16	9%	980	6%	2737	8%
	Totals	183	100%	16917	100%	35465	100%
	Poor	18	10%	1370	8%	3270	9%
	Fair	25	14%	2102	12%	4630	13%
	Neutral	37	20%	2372	14%	5063	14%
	Good	64	35%	6230	37%	12707	36%
	Excellent	37	20%	4377	26%	8428	24%
3.3 Wireless experience: Network performance	N/A	2	1%	466	3%	1367	4%
	Totals	182	100%	16915	100%	35460	100%
	Poor	21	12%	1785	11%	4271	12%
	Fair	42	23%	2738	16%	6027	17%
	Neutral	37	20%	2884	17%	6078	17%
	Good	57	31%	6060	36%	12087	34%
	Excellent	25	14%	3021	18%	5684	16%
3.4 Student-success tools: Guidance about courses you might consider taking	N/A	0	0%	427	3%	1313	4%
	Totals	180	100%	16852	100%	35363	100%
	Not at all useful	14	8%	587	3%	1218	3%
	Not very useful	14	8%	1168	7%	2395	7%
	Moderately useful	38	21%	3610	21%	7486	21%
	Very useful	16	9%	2813	17%	5872	17%
Extremely useful	13	7%	1862	11%	3742	11%	

	Don't use service	30	17%	3376	20%	7321	21%
	Service not provided	55	31%	3436	20%	7329	21%
	Totals	180	100%	16844	100%	35330	100%
3.4 Student-success tools: Early-alert systems designed to catch potential academic trouble ASAP	Not at all useful	9	5%	481	3%	1008	3%
	Not very useful	15	8%	1027	6%	2036	6%
	Moderately useful	43	24%	3397	20%	6914	20%
	Very useful	29	16%	2997	18%	6114	17%
	Extremely useful	22	12%	2069	12%	4193	12%
	Don't use service	44	24%	4482	27%	9780	28%
	Service not provided	18	10%	2391	14%	5285	15%
	Totals	181	100%	16854	100%	35344	100%
3.4 Student-success tools: Suggestions for how to improve performance in a course	Not at all useful	10	6%	577	3%	1232	3%
	Not very useful	23	13%	1501	9%	2966	8%
	Moderately useful	50	28%	4178	25%	8612	24%
	Very useful	14	8%	2655	16%	5381	15%
	Extremely useful	19	10%	1553	9%	3143	9%
	Don't use service	40	22%	3786	22%	8264	23%
	Service not provided	25	14%	2604	15%	5746	16%
	Totals	179	100%	16842	100%	35329	100%
3.4 Student-success tools: Suggestions about new or different academic resources	Not at all useful	4	2%	455	3%	939	3%
	Not very useful	21	12%	1336	8%	2641	7%
	Moderately useful	48	27%	4979	30%	10415	29%
	Very useful	30	17%	3175	19%	6724	19%
	Extremely useful	16	9%	1755	10%	3562	10%
	Don't use service	50	28%	3979	24%	8482	24%
	Service not provided	10	6%	1163	7%	2566	7%
	Totals	179	100%	16857	100%	35347	100%
3.4 Student-success tools: Degree planning or mapping tools that identify courses needed	Not at all useful	5	3%	494	3%	930	3%
	Not very useful	12	7%	1095	6%	2128	6%
	Moderately useful	56	31%	4201	25%	8620	24%
	Very useful	36	20%	4694	28%	10106	29%
	Extremely useful	49	27%	3830	23%	8157	23%
	Don't use service	16	9%	1792	11%	3807	11%
	Service not provided	5	3%	751	4%	1599	5%
	Totals	180	100%	16857	100%	35333	100%
3.4 Student-success tools: Degree audit tools that show the degree requirements completed	Not at all useful	4	2%	408	2%	792	2%
	Not very useful	12	7%	998	6%	1862	5%
	Moderately useful	40	22%	3971	24%	8256	23%
	Very useful	53	29%	4713	28%	10013	28%
	Extremely useful	64	36%	3893	23%	8473	24%
	Don't use service	5	3%	2129	13%	4394	12%
	Service not provided	2	1%	745	4%	1543	4%
	Totals	180	100%	16855	100%	35353	100%
3.4 Student-success tools: Online self-service tools for conducting student-related business	Not at all useful	3	2%	291	2%	626	2%
	Not very useful	8	4%	864	5%	1706	5%
	Moderately useful	59	33%	4836	29%	10292	29%
	Very useful	56	31%	5565	33%	11624	33%
	Extremely useful	41	23%	3498	21%	7231	20%
	Don't use service	13	7%	1474	9%	3128	9%
	Service not provided	0	0%	327	2%	746	2%
	Totals	179	100%	16835	100%	35312	100%
3.4 Student-success tools: Digital tools that keep a record of services used, advice given, or decisions made	Not at all useful	6	3%	457	3%	931	3%
	Not very useful	13	7%	1180	7%	2359	7%
	Moderately useful	42	23%	3754	22%	7857	22%
	Very useful	27	15%	2606	15%	5329	15%
	Extremely useful	13	7%	1595	9%	3082	9%
	Don't use service	40	22%	4556	27%	9917	28%
	Service not provided	38	21%	2687	16%	5837	17%
	Totals	181	100%	16858	100%	35338	100%
3.5 How many instructors: ...use technology adequately for course instruction	None	4	2%	480	3%	1051	3%
	Very few	11	6%	1514	9%	3143	9%
	Some	38	21%	3736	22%	7743	22%
	Most	69	38%	5201	31%	10689	30%
	Almost all	40	22%	3392	20%	7016	20%
	All	14	8%	2195	13%	4947	14%
	N/A or don't know	5	3%	340	2%	749	2%
	Totals	181	100%	16860	100%	35353	100%
3.5 How many instructors: ...use technology in face-to-face settings to engage you in the learning process	None	28	15%	2194	13%	4457	13%
	Very few	28	15%	2960	18%	5977	17%
	Some	49	27%	4248	25%	8789	25%
	Most	30	17%	3004	18%	6388	18%
	Almost all	29	16%	2072	12%	4395	12%
	All	11	6%	1275	8%	2801	8%
	N/A or don't know	6	3%	1107	7%	2546	7%
	Totals	181	100%	16862	100%	35342	100%
3.5 How many instructors: ...use technology during class to make connections to the learning material	None	12	7%	928	6%	1965	6%
	Very few	22	12%	2098	12%	4344	12%
	Some	57	31%	4532	27%	9109	26%
	Most	44	24%	4062	24%	8450	24%

Connections to the learning material	Almost all	33	18%	3000	18%	6329	18%
	All	12	7%	1747	10%	3950	11%
	N/A or don't know	1	1%	495	3%	1195	3%
3.5 How many instructors: ...encourage you to use your own technology devices during class to deepen learning	Totals	181	100%	16865	100%	35361	100%
	None	33	18%	2621	16%	5504	16%
	Very few	57	31%	4351	26%	9219	26%
	Some	47	26%	4565	27%	9233	26%
	Most	25	14%	2395	14%	4919	14%
	Almost all	11	6%	1482	9%	3095	9%
	All	8	4%	882	5%	1971	6%
	N/A or don't know	0	0%	569	3%	1420	4%
3.5 How many instructors: ...encourage you to use online collaboration tools to communicate/collaborate	Totals	179	100%	16853	100%	35359	100%
	None	5	3%	1092	6%	2343	7%
	Very few	32	18%	2517	15%	5245	15%
	Some	64	36%	4681	28%	9558	27%
	Most	35	20%	3876	23%	8065	23%
	Almost all	29	16%	2565	15%	5304	15%
	All	12	7%	1640	10%	3760	11%
	N/A or don't know	2	1%	482	3%	1084	3%
3.5 How many instructors: ...encourage you to use technology for creative or critical-thinking tasks	Totals	181	100%	16861	100%	35368	100%
	None	21	12%	1736	10%	3492	10%
	Very few	27	15%	3165	19%	6481	18%
	Some	62	34%	4841	29%	9999	28%
	Most	30	17%	3230	19%	6877	19%
	Almost all	24	13%	1979	12%	4243	12%
	All	10	6%	1195	7%	2746	8%
	N/A or don't know	7	4%	715	4%	1530	4%
3.5 How many instructors: ...have you use your tablet as a learning tool in class	Totals	181	100%	16864	100%	35354	100%
	None	72	40%	6337	38%	13508	38%
	Very few	34	19%	2666	16%	5673	16%
	Some	32	18%	2529	15%	5133	15%
	Most	10	6%	1327	8%	2556	7%
	Almost all	7	4%	898	5%	1674	5%
	All	4	2%	590	3%	1179	3%
	N/A or don't know	22	12%	2517	15%	5631	16%
3.5 How many instructors: ...have you use your smartphone as a learning tool in class	Totals	180	100%	16857	100%	35352	100%
	None	67	37%	4399	26%	9240	26%
	Very few	62	34%	4975	30%	10555	30%
	Some	33	18%	3749	22%	7773	22%
	Most	6	3%	1525	9%	3031	9%
	Almost all	4	2%	987	6%	1954	6%
	All	5	3%	658	4%	1286	4%
	N/A or don't know	3	2%	564	3%	1513	4%
3.5 How many instructors: ...have you use your laptop as a learning tool in class	Totals	181	100%	16872	100%	35378	100%
	None	22	12%	2003	12%	4508	13%
	Very few	52	29%	3267	19%	6949	20%
	Some	48	27%	4775	28%	9730	28%
	Most	29	16%	2947	17%	5826	16%
	Almost all	20	11%	2114	13%	4248	12%
	All	6	3%	1206	7%	2697	8%
	N/A or don't know	4	2%	560	3%	1420	4%
3.6 Wish instructors used: LMS	Totals	178	100%	16761	100%	35156	100%
	(Less) 1	13	7%	822	5%	1948	6%
	2	8	4%	1072	6%	2332	7%
	3	48	27%	4608	27%	9582	27%
	4	40	22%	4138	25%	8332	24%
	(More) 5	54	30%	4821	29%	9595	27%
	Don't know	15	8%	1300	8%	3367	10%
	Totals	178	100%	16752	100%	35150	100%
3.6 Wish instructors used: Online collaboration tools	(Less) 1	15	8%	1285	8%	2728	8%
	2	15	8%	1617	10%	3533	10%
	3	50	28%	4966	30%	10380	30%
	4	49	28%	4087	24%	8381	24%
	(More) 5	36	20%	3271	20%	6611	19%
	Don't know	13	7%	1526	9%	3517	10%
	Totals	179	100%	16725	100%	35104	100%
	3.6 Wish instructors used: E-portfolios	(Less) 1	19	11%	2231	13%	4828
2		13	7%	1506	9%	3178	9%
3		34	19%	3346	20%	6943	20%
4		13	7%	1875	11%	3871	11%
(More) 5		17	9%	1724	10%	3497	10%
Don't know		83	46%	6043	36%	12787	36%
Totals		178	100%	16766	100%	35172	100%
3.6 Wish instructors used: E-books or e-textbooks		(Less) 1	30	17%	2730	16%	6332
	2	14	8%	1710	10%	3778	11%
	3	39	22%	3615	22%	7503	21%
	4	33	19%	2970	18%	5886	17%
	(More) 5	47	26%	4444	27%	8630	25%
	Don't know	15	8%	1297	8%	3043	9%

3.6 Wish instructors used: Free, web-based content to supplement course-related materials	Totals	179	100%	16752	100%	35164	100%
	(Less) 1	13	7%	1010	6%	2263	6%
	2	11	6%	1174	7%	2450	7%
	3	33	18%	3460	21%	7436	21%
	4	52	29%	4185	25%	8757	25%
	(More) 5	58	32%	5635	34%	11208	32%
	Don't know	12	7%	1288	8%	3050	9%
3.6 Wish instructors used: Simulations or educational games	Totals	177	100%	16749	100%	35134	100%
	(Less) 1	20	11%	1909	11%	3902	11%
	2	14	8%	1507	9%	3035	9%
	3	43	24%	3651	22%	7540	21%
	4	43	24%	3808	23%	8012	23%
	(More) 5	42	24%	4068	24%	8581	24%
	Don't know	15	8%	1806	11%	4064	12%
3.6 Wish instructors used: Lecture capture	Totals	180	100%	16750	100%	35132	100%
	(Less) 1	11	6%	1044	6%	2612	7%
	2	8	4%	969	6%	2108	6%
	3	26	14%	2838	17%	6115	17%
	4	38	21%	3534	21%	7521	21%
	(More) 5	85	47%	7073	42%	13338	38%
	Don't know	12	7%	1292	8%	3438	10%
3.6 Wish instructors used: Student laptops as learning tools	Totals	177	100%	16735	100%	35129	100%
	(Less) 1	18	10%	1220	7%	2682	8%
	2	13	7%	1439	9%	2960	8%
	3	51	29%	4687	28%	9651	27%
	4	38	21%	3921	23%	8120	23%
	(More) 5	42	24%	3940	24%	8197	23%
	Don't know	15	8%	1528	9%	3519	10%
3.6 Wish instructors used: Student tablets as learning tools	Totals	179	100%	16723	100%	35084	100%
	(Less) 1	36	20%	2858	17%	6052	17%
	2	10	6%	1820	11%	3636	10%
	3	47	26%	4101	25%	8451	24%
	4	23	13%	2346	14%	4837	14%
	(More) 5	26	15%	2244	13%	4571	13%
	Don't know	37	21%	3354	20%	7537	21%
3.6 Wish instructors used: Student smartphones as learning tools	Totals	178	100%	16743	100%	35135	100%
	(Less) 1	26	15%	2528	15%	5463	16%
	2	24	13%	1912	11%	4020	11%
	3	47	26%	4530	27%	9445	27%
	4	27	15%	3035	18%	6158	18%
	(More) 5	27	15%	2705	16%	5407	15%
	Don't know	27	15%	2033	12%	4642	13%
3.6 Wish instructors used: Social media as a learning tool	Totals	179	100%	16753	100%	35152	100%
	(Less) 1	59	33%	3892	23%	8200	23%
	2	14	8%	1992	12%	4185	12%
	3	45	25%	3854	23%	7912	23%
	4	16	9%	2361	14%	4862	14%
	(More) 5	14	8%	2184	13%	4393	12%
	Don't know	31	17%	2470	15%	5600	16%
3.6 Wish instructors used: Software to create videos or multimedia resources	Totals	177	100%	16726	100%	35095	100%
	(Less) 1	23	13%	1718	10%	3704	11%
	2	14	8%	1714	10%	3588	10%
	3	50	28%	4255	25%	9150	26%
	4	31	18%	3465	21%	6946	20%
	(More) 5	30	17%	3125	19%	6226	18%
	Don't know	29	16%	2449	15%	5481	16%
3.6 Wish instructors used: Early-alert systems designed to catch potential academic trouble ASAP	Totals	176	100%	16745	100%	35156	100%
	(Less) 1	16	9%	988	6%	2142	6%
	2	12	7%	978	6%	2053	6%
	3	46	26%	3513	21%	7267	21%
	4	32	18%	3711	22%	7701	22%
	(More) 5	42	24%	4861	29%	9948	28%
	Don't know	28	16%	2694	16%	6045	17%
3.6 Wish instructors used: Search tools to find references or other information online for class work	Totals	176	100%	16716	100%	35084	100%
	(Less) 1	12	7%	807	5%	1785	5%
	2	14	8%	1229	7%	2612	7%
	3	44	25%	4613	28%	9966	28%
	4	43	24%	4429	26%	9191	26%
	(More) 5	43	24%	3931	24%	7812	22%
	Don't know	20	11%	1707	10%	3718	11%
3.6 Wish instructors used: Publisher electronic resources	Totals	179	100%	16752	100%	35146	100%
	(Less) 1	20	11%	1348	8%	2813	8%
	2	16	9%	1350	8%	2950	8%
	3	51	28%	4293	26%	9052	26%
	4	34	19%	4128	25%	8613	25%
	(More) 5	47	26%	4594	27%	9303	26%
	Don't know	11	6%	1039	6%	2415	7%
3.6 Wish instructors used: Other	Totals	179	100%	16750	100%	35119	100%
	(Less) 1	35	20%	2727	16%	5150	15%

3.6 Wish instructors used: In-class polling tools	2	17	9%	1917	11%	3668	10%
	3	59	33%	4139	25%	8347	24%
	4	27	15%	3262	19%	6923	20%
	(More) 5	28	16%	2896	17%	6172	18%
	Don't know	13	7%	1809	11%	4859	14%
3.7 LMS satisfaction: Accessing course content	Totals	180	100%	16730	100%	35119	100%
	Very dissatisfied	2	1%	283	2%	658	2%
	Dissatisfied	5	3%	701	4%	1462	4%
	Neutral	37	21%	2959	18%	6198	18%
	Satisfied	84	47%	7595	45%	15954	45%
	Very satisfied	49	27%	4674	28%	9436	27%
	Don't use this feature at all	2	1%	334	2%	876	2%
Not offered	1	1%	184	1%	535	2%	
3.7 LMS satisfaction: Managing your assignments	Totals	180	100%	16722	100%	35100	100%
	Very dissatisfied	10	6%	596	4%	1327	4%
	Dissatisfied	21	12%	1510	9%	3160	9%
	Neutral	49	27%	3668	22%	7639	22%
	Satisfied	59	33%	6446	39%	13354	38%
	Very satisfied	22	12%	3338	20%	6735	19%
	Don't use this feature at all	12	7%	801	5%	1917	5%
Not offered	7	4%	363	2%	968	3%	
3.7 LMS satisfaction: Checking course progress	Totals	180	100%	16731	100%	35112	100%
	Very dissatisfied	6	3%	599	4%	1467	4%
	Dissatisfied	13	7%	1456	9%	3157	9%
	Neutral	48	27%	3383	20%	6849	20%
	Satisfied	76	42%	6857	41%	14223	41%
	Very satisfied	34	19%	3957	24%	7994	23%
	Don't use this feature at all	3	2%	303	2%	900	3%
Not offered	0	0%	176	1%	522	1%	
3.7 LMS satisfaction: Accessing information about your institution's news, events, or activities	Totals	178	100%	16733	100%	35102	100%
	Very dissatisfied	9	5%	547	3%	1177	3%
	Dissatisfied	13	7%	1311	8%	2737	8%
	Neutral	54	30%	4392	26%	9203	26%
	Satisfied	48	27%	5173	31%	10863	31%
	Very satisfied	18	10%	2253	13%	4553	13%
	Don't use this feature at all	23	13%	2116	13%	4556	13%
Not offered	13	7%	941	6%	2013	6%	
3.7 LMS satisfaction: Submitting course assignments	Totals	180	100%	16726	100%	35098	100%
	Very dissatisfied	7	4%	302	2%	650	2%
	Dissatisfied	8	4%	593	4%	1242	4%
	Neutral	38	21%	2765	17%	5857	17%
	Satisfied	88	49%	8137	49%	16929	48%
	Very satisfied	37	21%	4482	27%	9124	26%
	Don't use this feature at all	2	1%	328	2%	890	3%
Not offered	0	0%	119	1%	406	1%	
3.7 LMS satisfaction: Engaging with other students	Totals	180	100%	16722	100%	35114	100%
	Very dissatisfied	9	5%	600	4%	1275	4%
	Dissatisfied	19	11%	1385	8%	2942	8%
	Neutral	65	36%	4979	30%	10334	29%
	Satisfied	43	24%	4829	29%	9973	28%
	Very satisfied	19	11%	1940	12%	3954	11%
	Don't use this feature at all	25	14%	2621	16%	5586	16%
Not offered	0	0%	368	2%	1050	3%	
3.7 LMS satisfaction: Collaborating on projects	Totals	179	100%	16728	100%	35113	100%
	Very dissatisfied	11	6%	674	4%	1492	4%
	Dissatisfied	24	13%	1696	10%	3407	10%
	Neutral	57	32%	4892	29%	10204	29%
	Satisfied	40	22%	3956	24%	8145	23%
	Very satisfied	10	6%	1570	9%	3110	9%
	Don't use this feature at all	30	17%	3199	19%	6970	20%
Not offered	7	4%	741	4%	1785	5%	
3.7 LMS satisfaction: Study groups with other students	Totals	179	100%	16733	100%	35123	100%
	Very dissatisfied	10	6%	694	4%	1433	4%
	Dissatisfied	22	12%	1598	10%	3224	9%
	Neutral	53	30%	4460	27%	9208	26%
	Satisfied	28	16%	3041	18%	6312	18%
	Very satisfied	12	7%	1438	9%	2776	8%
	Don't use this feature at all	40	22%	4320	26%	9423	27%
Not offered	14	8%	1182	7%	2747	8%	
3.7 LMS satisfaction: Engaging with your instructors	Totals	179	100%	16734	100%	35114	100%
	Very dissatisfied	2	1%	551	3%	1173	3%
	Dissatisfied	21	12%	1409	8%	2831	8%
	Neutral	54	30%	4735	28%	9739	28%
	Satisfied	57	32%	5462	33%	11440	33%
	Very satisfied	18	10%	2301	14%	4730	13%
	Don't use this feature at all	27	15%	1941	12%	4293	12%
Not offered	0	0%	335	2%	908	3%	
3.7 LMS satisfaction: Engaging with your instructors	Totals	180	100%	16737	100%	35126	100%
	Very dissatisfied	4	2%	633	4%	1335	4%

3.7 LMS satisfaction: Receiving feedback on course assignments	Dissatisfied	29	16%	1610	10%	3474	10%
	Neutral	62	34%	4239	25%	8716	25%
	Satisfied	58	32%	6609	39%	13680	39%
	Very satisfied	21	12%	2805	17%	5772	16%
	Don't use this feature at all	4	2%	572	3%	1416	4%
	Not offered	2	1%	269	2%	733	2%
3.8 Security practices: Let other people use my mobile devices unsupervised	Totals	182	100%	16786	100%	35213	100%
	No	126	69%	11109	66%	23837	68%
	Yes	54	30%	5270	31%	10575	30%
	Don't know	2	1%	407	2%	801	2%
3.8 Security practices: Secure access to computer, tablet, and smartphone with a password or PIN	Totals	182	100%	16790	100%	35216	100%
	No	16	9%	1744	10%	3574	10%
	Yes	162	89%	14692	88%	30935	88%
	Don't know	4	2%	354	2%	707	2%
3.8 Security practices: Use a combination of alpha, numeric, and symbol character passwords	Totals	181	100%	16780	100%	35214	100%
	No	16	9%	1886	11%	3916	11%
	Yes	163	90%	14317	85%	30081	85%
	Don't know	2	1%	577	3%	1217	3%
3.8 Security practices: Have shared the password or PIN for my computer, tablet, or smartphone	Totals	182	100%	16780	100%	35219	100%
	No	123	68%	10350	62%	22125	63%
	Yes	57	31%	6013	36%	12257	35%
	Don't know	2	1%	417	2%	837	2%
3.8 Security practices: Have shared the password or PIN for an online account	Totals	181	100%	16789	100%	35214	100%
	No	152	84%	13042	78%	27872	79%
	Yes	26	14%	3267	19%	6353	18%
	Don't know	3	2%	480	3%	989	3%
3.8 Security practices: Have let someone log in as me to an institution service, system, app, or site	Totals	182	100%	16781	100%	35191	100%
	No	157	86%	13898	83%	29586	84%
	Yes	18	10%	2401	14%	4592	13%
	Don't know	7	4%	482	3%	1013	3%
3.8 Security practices: Had a computer, tablet, or smartphone stolen	Totals	182	100%	16799	100%	35222	100%
	No	166	91%	14926	89%	31823	90%
	Yes	13	7%	1483	9%	2658	8%
	Don't know	3	2%	390	2%	741	2%
3.8 Security practices: Had an online account hacked	Totals	182	100%	16788	100%	35211	100%
	No	166	91%	14119	84%	29811	85%
	Yes	10	5%	1752	10%	3476	10%
	Don't know	6	3%	917	5%	1924	5%
3.9 Information security training provided: No	Totals	183	100%	16855	100%	35358	100%
	Unchecked	112	61%	12439	74%	26006	74%
	Checked	71	39%	4416	26%	9352	26%
3.9 Information security training provided: Yes, mandatory	Totals	183	100%	16855	100%	35358	100%
	Unchecked	181	99%	16241	96%	33969	96%
	Checked	2	1%	614	4%	1389	4%
3.9 Information security training provided: Yes, optional	Totals	183	100%	16855	100%	35358	100%
	Unchecked	174	95%	15018	89%	31856	90%
	Checked	9	5%	1837	11%	3502	10%
3.9 Information security training provided: Don't know	Totals	183	100%	16855	100%	35358	100%
	Unchecked	82	45%	6781	40%	14067	40%
	Checked	101	55%	10074	60%	21291	60%
3.9 Information security training provided: Yes (either)	Totals	183	100%	16855	100%	35358	100%
	Unchecked	172	94%	14490	86%	30643	87%
	Checked	11	6%	2365	14%	4715	13%
3.10 Have you participated in your institution's information security training?	Totals	11	100%	2363	100%	4712	100%
	No	7	64%	1510	64%	2889	61%
	Yes	3	27%	699	30%	1513	32%
	Don't know	1	9%	154	7%	310	7%
3.11 How useful was the information security training?	Totals	3	100%	699	100%	1510	100%
	Not at all useful	0	0%	16	2%	44	3%
	Not very useful	1	33%	78	11%	141	9%
	Moderately useful	1	33%	342	49%	720	48%
	Very useful	1	33%	197	28%	434	29%
	Extremely useful	0	0%	66	9%	171	11%
4.1a In what type of learning environment do you most prefer to learn?	Totals	183	100%	16840	100%	35316	100%
	One with no online components	23	13%	1471	9%	3190	9%
	One with some online components	74	40%	7713	46%	16270	46%
	About half online and half face-to-face	52	28%	4497	27%	9166	26%
	One that is mostly but not completely online	10	5%	1166	7%	2347	7%
	One that is completely online	6	3%	937	6%	2234	6%
	No preference	18	10%	1056	6%	2109	6%
4.1b In what type of learning environment do you think you learn best?	Totals	183	100%	16812	100%	35261	100%
	One with no online components	29	16%	2166	13%	4587	13%
	One with some online components	71	39%	7722	46%	16250	46%
	About half online and half face-to-face	52	28%	4162	25%	8576	24%
	One that is mostly but not completely online	12	7%	1072	6%	2158	6%
	One that is completely online	4	2%	753	4%	1792	5%
	No preference	15	8%	937	6%	1898	5%

4.2a Course sections taught in the past 12 months	Totals	181	100%	16657	100%	34951	100%
	0-2	6	3%	762	5%	1766	5%
	3-6	19	10%	2317	14%	5300	15%
	6-9	32	18%	2912	17%	7000	20%
	9-11	30	17%	2852	17%	5615	16%
	12 or more	94	52%	7814	47%	15270	44%
4.2b Courses by mode: No online, completely face-to-face	Totals	171	100%	15842	100%	33283	100%
	None	70	41%	6790	43%	14840	45%
	One or more	101	59%	9052	57%	18443	55%
4.2b Courses by mode: Some online, mostly face-to-face	Totals	171	100%	15842	100%	33283	100%
	None	29	17%	4112	26%	9196	28%
	One or more	142	83%	11730	74%	24087	72%
4.2b Courses by mode: About half and half	Totals	171	100%	15842	100%	33283	100%
	None	81	47%	9194	58%	20043	60%
	One or more	90	53%	6648	42%	13240	40%
4.2b Courses by mode: Mostly online, some face-to-face	Totals	171	100%	15842	100%	33283	100%
	None	146	85%	12698	80%	27125	81%
	One or more	25	15%	3144	20%	6158	19%
4.2b Courses by mode: Completely online, no face-to-face	Totals	171	100%	15842	100%	33283	100%
	None	143	84%	10310	65%	21867	66%
	One or more	28	16%	5532	35%	11416	34%
4.3 Would include on résumé: Undergrad degree/ diploma	Totals	179	100%	16608	100%	34890	100%
	Unchecked	23	13%	3212	19%	6783	19%
	Checked	156	87%	13396	81%	28107	81%
4.3 Would include on résumé: Certificate from an accredited institution	Totals	179	100%	16608	100%	34890	100%
	Unchecked	65	36%	6947	42%	14546	42%
	Checked	114	64%	9661	58%	20344	58%
4.3 Would include on résumé: Certificate from an industry- based program	Totals	179	100%	16608	100%	34890	100%
	Unchecked	86	48%	9441	57%	20160	58%
	Checked	93	52%	7167	43%	14730	42%
4.3 Would include on résumé: Certificate of completion of free course	Totals	179	100%	16608	100%	34890	100%
	Unchecked	126	70%	11307	68%	23819	68%
	Checked	53	30%	5301	32%	11071	32%
4.3 Would include on résumé: Digital badge	Totals	179	100%	16608	100%	34890	100%
	Unchecked	141	79%	12169	73%	25864	74%
	Checked	38	21%	4439	27%	9026	26%
4.3 Would include on résumé: E-portfolio	Totals	179	100%	16608	100%	34890	100%
	Unchecked	153	85%	12884	78%	26744	77%
	Checked	26	15%	3724	22%	8146	23%
4.3 Would include on résumé: Jobs worked during college	Totals	179	100%	16608	100%	34890	100%
	Unchecked	12	7%	2996	18%	6350	18%
	Checked	167	93%	13612	82%	28540	82%
4.3 Would include on résumé: Major projects	Totals	179	100%	16608	100%	34890	100%
	Unchecked	71	40%	8412	51%	18433	53%
	Checked	108	60%	8196	49%	16457	47%
4.3 Would include on résumé: Volunteering/ community service	Totals	179	100%	16608	100%	34890	100%
	Unchecked	33	18%	3396	20%	7479	21%
	Checked	146	82%	13212	80%	27411	79%
4.3 Would include on résumé: Other, please specify	Totals	179	100%	16608	100%	34890	100%
	Unchecked	166	93%	15740	95%	32978	95%
	Checked	13	7%	868	5%	1912	5%
4.4: I get more actively involved in courses that use technology.	Totals	179	100%	16522	100%	34729	100%
	Strongly disagree	7	4%	675	4%	1455	4%
	Disagree	18	10%	2298	14%	4895	14%
	Neutral	74	41%	6196	38%	12944	37%
	Agree	57	32%	5273	32%	10910	31%
	Strongly agree	19	11%	1720	10%	3708	11%
	N/A	4	2%	360	2%	817	2%
4.4: I am more likely to skip classes when streamed or recorded lectures are available online.	Totals	176	100%	16553	100%	34791	100%
	Strongly disagree	35	20%	2307	14%	5485	16%
	Disagree	55	31%	3727	23%	8179	24%
	Neutral	35	20%	3301	20%	6774	19%
	Agree	35	20%	4477	27%	8622	25%
	Strongly agree	12	7%	2008	12%	3750	11%
	N/A	4	2%	733	4%	1981	6%
4.4: I am more likely to skip classes when materials presented in class are available online.	Totals	177	100%	16563	100%	34796	100%
	Strongly disagree	34	19%	2478	15%	5882	17%
	Disagree	63	36%	4120	25%	9180	26%
	Neutral	33	19%	3532	21%	7103	20%
	Agree	36	20%	4343	26%	8417	24%
	Strongly agree	8	5%	1677	10%	3138	9%
	N/A	3	2%	413	2%	1076	3%
4.4: I am concerned that technology advances may increasingly invade my privacy.	Totals	177	100%	16541	100%	34762	100%
	Strongly disagree	17	10%	1186	7%	2726	8%
	Disagree	31	18%	3531	21%	7344	21%
	Neutral	45	25%	4892	30%	10190	29%
	Agree	51	29%	4550	28%	9490	27%
	Strongly agree	26	15%	1938	12%	3937	11%
	N/A	7	4%	444	3%	1075	3%

4.4: My institution sufficiently prepared me to use institution-specific technology.	Totals	178	100%	16531	100%	34738	100%
	Strongly disagree	14	8%	1179	7%	2376	7%
	Disagree	31	17%	2838	17%	5714	16%
	Neutral	52	29%	5203	31%	10498	30%
	Agree	53	30%	5154	31%	11326	33%
	Strongly agree	18	10%	1532	9%	3325	10%
	N/A	10	6%	625	4%	1499	4%
4.4: I was well prepared to use basic software programs and applications when I started.	Totals	177	100%	16542	100%	34746	100%
	Strongly disagree	5	3%	323	2%	779	2%
	Disagree	7	4%	916	6%	1989	6%
	Neutral	31	18%	2624	16%	5429	16%
	Agree	60	34%	6714	41%	13983	40%
	Strongly agree	72	41%	5703	34%	11952	34%
	N/A	2	1%	262	2%	614	2%
4.4: Use of mobile devices in face-to-face classes is distracting for me.	Totals	175	100%	16527	100%	34744	100%
	Strongly disagree	21	12%	1580	10%	3553	10%
	Disagree	34	19%	3444	21%	7533	22%
	Neutral	44	25%	4275	26%	8821	25%
	Agree	50	29%	4652	28%	9320	27%
	Strongly agree	22	13%	2157	13%	4470	13%
	N/A	4	2%	419	3%	1047	3%
4.4: Use of mobile devices in face-to-face classes is distracting for other students.	Totals	174	100%	16548	100%	34756	100%
	Strongly disagree	14	8%	1025	6%	2192	6%
	Disagree	22	13%	2627	16%	5559	16%
	Neutral	55	32%	4775	29%	10057	29%
	Agree	53	30%	5301	32%	10855	31%
	Strongly agree	23	13%	2271	14%	4750	14%
	N/A	7	4%	549	3%	1343	4%
4.4: Use of mobile devices in face-to-face classes is distracting for instructors.	Totals	176	100%	16546	100%	34747	100%
	Strongly disagree	13	7%	697	4%	1509	4%
	Disagree	18	10%	1969	12%	4174	12%
	Neutral	48	27%	4798	29%	9816	28%
	Agree	65	37%	5960	36%	12401	36%
	Strongly agree	25	14%	2360	14%	5074	15%
	N/A	7	4%	762	5%	1773	5%
4.6 Tech support: Ask your friends	Totals	185	100%	17068	100%	35760	100%
	Unchecked	79	43%	8134	48%	17778	50%
	Checked	106	57%	8934	52%	17982	50%
4.6 Tech support: Ask your family	Totals	185	100%	17068	100%	35760	100%
	Unchecked	164	89%	15061	88%	31281	87%
	Checked	21	11%	2007	12%	4479	13%
4.6 Tech support: Ask your instructors	Totals	185	100%	17068	100%	35760	100%
	Unchecked	140	76%	13308	78%	27192	76%
	Checked	45	24%	3760	22%	8568	24%
4.6 Tech support: Ask your teaching assistants	Totals	185	100%	17068	100%	35760	100%
	Unchecked	173	94%	15687	92%	33598	94%
	Checked	12	6%	1381	8%	2162	6%
4.6 Tech support: Search an online source	Totals	185	100%	17068	100%	35760	100%
	Unchecked	50	27%	6467	38%	14142	40%
	Checked	135	73%	10601	62%	21618	60%
4.6 Tech support: Contact the company or vendor	Totals	185	100%	17068	100%	35760	100%
	Unchecked	176	95%	16433	96%	34444	96%
	Checked	9	5%	635	4%	1316	4%
4.6 Tech support: Use institution help desk	Totals	185	100%	17068	100%	35760	100%
	Unchecked	168	91%	13559	79%	26969	75%
	Checked	17	9%	3509	21%	8791	25%
4.6 Tech support: Figure it out on my own	Totals	185	100%	17068	100%	35760	100%
	Unchecked	67	36%	6376	37%	13629	38%
	Checked	118	64%	10692	63%	22131	62%
4.6 Tech support: Other	Totals	185	100%	17068	100%	35760	100%
	Unchecked	184	99%	16838	99%	35262	99%
	Checked	1	1%	230	1%	498	1%
4.7: Technology will play an important role in my chosen career after college.	Totals	178	100%	16553	100%	34776	100%
	Strongly disagree	2	1%	236	1%	480	1%
	Disagree	5	3%	527	3%	1152	3%
	Neutral	23	13%	2296	14%	5169	15%
	Agree	58	33%	6415	39%	13320	38%
	Strongly agree	88	49%	6609	40%	13590	39%
	Don't know	2	1%	470	3%	1065	3%
4.7: Technology that I use in my courses now will prepare me adequately for my chosen career.	Totals	177	100%	16542	100%	34747	100%
	Strongly disagree	6	3%	560	3%	1124	3%
	Disagree	19	11%	1420	9%	2860	8%
	Neutral	51	29%	4117	25%	8741	25%
	Agree	62	35%	6485	39%	13613	39%
	Strongly agree	34	19%	3278	20%	6874	20%
	Don't know	5	3%	682	4%	1535	4%
	Totals	178	100%	16503	100%	34704	100%
	Banned from using it in class	48	27%	3004	18%	7483	22%
	Discouraged from using it in class	85	48%	7514	46%	15455	45%

5.1a In-class experience: Smartphone	About equally discouraged and encouraged	37	21%	3947	24%	7459	21%
	Encouraged to use it in class	5	3%	950	6%	1767	5%
	Required to use it in class	0	0%	231	1%	399	1%
	N/A	3	2%	857	5%	2141	6%
5.1a In-class experience: Tablet	Totals	176	100%	16365	100%	34415	100%
	Banned from using it in class	11	6%	1089	7%	2936	9%
	Discouraged from using it in class	56	32%	3322	20%	7279	21%
	About equally discouraged and encouraged	57	32%	5168	32%	10039	29%
	Encouraged to use it in class	22	13%	2370	14%	4601	13%
	Required to use it in class	0	0%	234	1%	455	1%
5.1a In-class experience: Laptop	Totals	179	100%	16429	100%	34535	100%
	Banned from using it in class	9	5%	560	3%	1433	4%
	Discouraged from using it in class	30	17%	2089	13%	4573	13%
	About equally discouraged and encouraged	94	53%	7270	44%	14894	43%
	Encouraged to use it in class	41	23%	4934	30%	9813	28%
	Required to use it in class	3	2%	707	4%	1589	5%
5.2b In-class smartphone use: N/A	Totals	175	100%	16431	100%	34534	100%
	Unchecked	160	91%	15049	92%	31010	90%
	Checked	15	9%	1382	8%	3524	10%
5.2b In-class smartphone use: Take notes	Totals	175	100%	16431	100%	34534	100%
	Unchecked	159	91%	15057	92%	31655	92%
	Checked	16	9%	1374	8%	2879	8%
5.2b In-class smartphone use: Engage in nonclass activities	Totals	175	100%	16431	100%	34534	100%
	Unchecked	94	54%	9007	55%	20704	60%
	Checked	81	46%	7424	45%	13830	40%
5.2b In-class smartphone use: Make other connections with the material	Totals	175	100%	16431	100%	34534	100%
	Unchecked	115	66%	10283	63%	22454	65%
	Checked	60	34%	6148	37%	12080	35%
5.2b In-class smartphone use: User for instructor- directed activities	Totals	175	100%	16431	100%	34534	100%
	Unchecked	149	85%	12883	78%	27480	80%
	Checked	26	15%	3548	22%	7054	20%
5.2b In-class smartphone use: Do not typically use in class	Totals	175	100%	16431	100%	34534	100%
	Unchecked	126	72%	12418	76%	24894	72%
	Checked	49	28%	4013	24%	9640	28%
5.2b In-class tablet use: N/A	Totals	172	100%	16076	100%	33842	100%
	Unchecked	99	58%	8878	55%	18892	56%
	Checked	73	42%	7198	45%	14950	44%
5.2b In-class tablet use: Take notes	Totals	172	100%	16076	100%	33842	100%
	Unchecked	146	85%	14329	89%	30232	89%
	Checked	26	15%	1747	11%	3610	11%
5.2b In-class tablet use: Engage in nonclass activities	Totals	172	100%	16076	100%	33842	100%
	Unchecked	157	91%	14974	93%	31673	94%
	Checked	15	9%	1102	7%	2169	6%
5.2b In-class tablet use: Make other connections with the material	Totals	172	100%	16076	100%	33842	100%
	Unchecked	128	74%	13354	83%	28368	84%
	Checked	44	26%	2722	17%	5474	16%
5.2b In-class tablet use: User for instructor- directed activities	Totals	172	100%	16076	100%	33842	100%
	Unchecked	159	92%	14489	90%	30415	90%
	Checked	13	8%	1587	10%	3427	10%
5.2b In-class tablet use: Do not typically use in class	Totals	172	100%	16076	100%	33842	100%
	Unchecked	132	77%	11866	74%	24395	72%
	Checked	40	23%	4210	26%	9447	28%
5.2b In-class laptop use: N/A	Totals	178	100%	16399	100%	34456	100%
	Unchecked	169	95%	15077	92%	31230	91%
	Checked	9	5%	1322	8%	3226	9%
5.2b In-class laptop use: Take notes	Totals	178	100%	16399	100%	34456	100%
	Unchecked	109	61%	9345	57%	20230	59%
	Checked	69	39%	7054	43%	14226	41%
5.2b In-class laptop use: Engage in nonclass activities	Totals	178	100%	16399	100%	34456	100%
	Unchecked	131	74%	11856	72%	25860	75%
	Checked	47	26%	4543	28%	8596	25%
5.2b In-class laptop use: Make other connections with the learning material	Totals	178	100%	16399	100%	34456	100%
	Unchecked	78	44%	8540	52%	18563	54%
	Checked	100	56%	7859	48%	15893	46%
5.2b In-class laptop use: User for instructor- directed activities	Totals	178	100%	16399	100%	34456	100%
	Unchecked	100	56%	9883	60%	20463	59%
	Checked	78	44%	6516	40%	13993	41%
5.2b In-class laptop use: Do not typically use in class	Totals	178	100%	16399	100%	34456	100%
	Unchecked	148	83%	13800	84%	28718	83%
	Checked	30	17%	2599	16%	5738	17%
5.2 Physical or learning disability that	Totals	179	100%	16461	100%	34582	100%
	No	172	96%	15062	92%	31398	91%
	Yes, I have one or more physical disabilities.	2	1%	293	2%	600	2%

requires accessible or adaptive technologies	Yes, I have one or more learning disabilities.	4	2%	473	3%	1160	3%
	Yes, I have both physical and learning disabilities.	0	0%	191	1%	396	1%
	Prefer not to answer	1	1%	442	3%	1028	3%
5.3a Institution awareness of needed accessible or adaptive technologies	Totals	6	100%	944	100%	2136	100%
	My institution is not aware of my needs for accessible or adaptive technologies.	1	17%	107	11%	240	11%
	Poor	2	33%	112	12%	263	12%
	Fair	1	17%	158	17%	362	17%
	Neutral	1	17%	191	20%	393	18%
	Good	0	0%	212	22%	475	22%
	Excellent	1	17%	146	15%	342	16%
Don't know	0	0%	18	2%	61	3%	
5.3b Institution support of needed accessible or adaptive technologies	Totals	6	100%	949	100%	2140	100%
	I am not provided with the accessible or adaptive technologies I need.	1	17%	50	5%	122	6%
	Poor	1	17%	84	9%	195	9%
	Fair	1	17%	147	15%	313	15%
	Neutral	2	33%	232	24%	503	24%
	Good	0	0%	239	25%	528	25%
	Excellent	1	17%	157	17%	357	17%
Don't know	0	0%	40	4%	122	6%	
5.4 I get distracted during classes because I: ...use social media	Totals	177	100%	16464	100%	34566	100%
	Strongly disagree	55	31%	3622	22%	8819	26%
	Disagree	33	19%	2681	16%	5986	17%
	Neutral	31	18%	2876	17%	5839	17%
	Agree	40	23%	4965	30%	9238	27%
	Strongly agree	13	7%	1674	10%	3016	9%
	Don't know	5	3%	646	4%	1668	5%
5.4 I get distracted during classes because I: ...text	Totals	176	100%	16471	100%	34572	100%
	Strongly disagree	47	27%	2855	17%	7035	20%
	Disagree	26	15%	2504	15%	5709	17%
	Neutral	39	22%	3322	20%	6859	20%
	Agree	48	27%	5530	34%	10397	30%
	Strongly agree	13	7%	1664	10%	3049	9%
	Don't know	3	2%	596	4%	1523	4%
5.4 I get distracted during classes because I: ...read e-mail	Totals	177	100%	16452	100%	34540	100%
	Strongly disagree	39	22%	2889	18%	7108	21%
	Disagree	29	16%	2888	18%	6442	19%
	Neutral	36	20%	3380	21%	6968	20%
	Agree	55	31%	5365	33%	10015	29%
	Strongly agree	15	8%	1339	8%	2488	7%
	Don't know	3	2%	591	4%	1519	4%
5.4 I get distracted during classes because I: ...play games on a laptop or mobile device	Totals	177	100%	16429	100%	34521	100%
	Strongly disagree	84	47%	6808	41%	14883	43%
	Disagree	30	17%	3589	22%	7546	22%
	Neutral	23	13%	1948	12%	3789	11%
	Agree	22	12%	2074	13%	3987	12%
	Strongly agree	13	7%	1059	6%	2055	6%
	Don't know	5	3%	951	6%	2261	7%
5.4 I get distracted during classes because I: ...access websites not related to class	Totals	177	100%	16447	100%	34549	100%
	Strongly disagree	52	29%	3619	22%	8733	25%
	Disagree	36	20%	3007	18%	6652	19%
	Neutral	41	23%	2990	18%	6111	18%
	Agree	32	18%	4735	29%	8697	25%
	Strongly agree	13	7%	1396	8%	2564	7%
	Don't know	3	2%	700	4%	1792	5%
6.1 Gender	Totals	182	100%	16665	100%	34985	100%
	Other	5	3%	168	1%	343	1%
	Male	85	47%	6136	37%	12183	35%
	Female	91	50%	10166	61%	22000	63%
	Prefer not to answer	1	1%	195	1%	459	1%
6.2 Intend to earn: Digital badges that certify my skills	Totals	180	100%	16625	100%	34902	100%
	Unchecked	167	93%	15364	92%	32263	92%
	Checked	13	7%	1261	8%	2639	8%
6.2 Intend to earn: A vocational/occupational certificate	Totals	180	100%	16625	100%	34902	100%
	Unchecked	175	97%	15980	96%	33362	96%
	Checked	5	3%	645	4%	1540	4%
6.2 Intend to earn: A college diploma (non-U.S. respondents only)	Totals	180	100%	16625	100%	34902	100%
	Unchecked	180	100%	16625	100%	34902	100%
	Checked	0	0%	0	0%	0	0%
6.2 Intend to earn: An associate's degree	Totals	180	100%	16625	100%	34902	100%
	Unchecked	172	96%	15686	94%	31368	90%
	Checked	8	4%	939	6%	3534	10%
6.2 Intend to earn: An advanced diploma (non-U.S. respondents only)	Totals	180	100%	16625	100%	34902	100%
	Unchecked	180	100%	16625	100%	34902	100%
	Checked	0	0%	0	0%	0	0%
Totals	180	100%	16625	100%	34902	100%	

6.2 Intend to earn: A bachelor's degree	Unchecked	25	14%	2995	18%	6840	20%
	Checked	155	86%	13630	82%	28062	80%
6.2 Intend to earn: An honor's degree (non-U.S. respondents only)	Totals	180	100%	16625	100%	34902	100%
	Unchecked	180	100%	16625	100%	34902	100%
6.2 Intend to earn: A master's degree	Checked	0	0%	0	0%	0	0%
	Totals	180	100%	16625	100%	34902	100%
6.2 Intend to earn: A doctoral degree	Unchecked	99	55%	10500	63%	22297	64%
	Checked	81	45%	6125	37%	12605	36%
6.2 Intend to earn: A doctoral degree	Totals	180	100%	16625	100%	34902	100%
	Unchecked	148	82%	14125	85%	29975	86%
6.2 Intend to earn: An advanced professional degree	Checked	32	18%	2500	15%	4927	14%
	Totals	180	100%	16625	100%	34902	100%
6.2 Intend to earn: Other, please describe	Unchecked	154	86%	14666	88%	31463	90%
	Checked	26	14%	1959	12%	3439	10%
6.2 Intend to earn: N/A	Totals	180	100%	16625	100%	34902	100%
	Unchecked	179	99%	16496	99%	34525	99%
6.2 Intend to earn: N/A	Checked	1	1%	129	1%	377	1%
	Totals	180	100%	16625	100%	34902	100%
6.3 Major	Unchecked	179	99%	16425	99%	34485	99%
	Checked	1	1%	200	1%	417	1%
	Totals	181	100%	16658	100%	34971	100%
	Agriculture and natural resources	0	0%	419	3%	679	2%
	Biological/life sciences	33	18%	1784	11%	3274	9%
	Business, management, marketing	7	4%	2108	13%	4803	14%
	Communications/journalism	4	2%	612	4%	1368	4%
	Computer and information sciences	37	20%	1017	6%	2319	7%
	Education, including physical education	3	2%	936	6%	2510	7%
	Engineering and architecture	25	14%	2121	13%	3035	9%
	Fine and performing arts	5	3%	480	3%	1032	3%
	Health sciences, including professional programs	9	5%	2243	13%	5066	14%
	Humanities	8	4%	527	3%	1191	3%
	Liberal arts/general studies	5	3%	881	5%	1319	4%
	Manufacturing, construction, repair, or transportation	0	0%	32	0%	107	0%
	Physical sciences, including mathematical sciences	13	7%	513	3%	1044	3%
	Public administration, legal, social, and protective services	2	1%	291	2%	780	2%
	Social sciences	19	10%	1381	8%	3224	9%
	Other major not described above	11	6%	1051	6%	2586	7%
	Undecided	0	0%	262	2%	634	2%
6.4 Part time or full time	Totals	180	100%	16653	100%	34954	100%
	Part time	17	9%	1943	12%	4767	14%
	Full time	163	91%	14710	88%	30187	86%
6.5 Race/ethnicity	Totals	185	100%	17068	100%	35760	100%
	White	83	45%	7969	47%	19548	55%
	Black/African American	20	11%	495	3%	1551	4%
	Hispanic	7	4%	4274	25%	6291	18%
	Asian/Pacific Islander	45	24%	1767	10%	2816	8%
	Other or multiple	19	10%	1658	10%	3562	10%
6.6 On/off campus	Unknown	11	6%	905	5%	1992	6%
	Totals	182	100%	16660	100%	34967	100%
	On campus	79	43%	5294	32%	12607	36%
6.7 First person in immediate family to attend college	Off campus	103	57%	11366	68%	22360	64%
	Totals	181	100%	16617	100%	34912	100%
	No	147	81%	12142	73%	25013	72%
	Yes	32	18%	4188	25%	9329	27%
6.8 Are you eligible for Pell Grants?	Prefer not to answer	2	1%	287	2%	570	2%
	Totals	181	100%	16627	100%	34928	100%
	No	62	34%	5192	31%	10492	30%
	Yes	42	23%	6235	37%	12769	37%
6.9 Which of the following best describes your technology use in high school?	Don't know	77	43%	5200	31%	11667	33%
	Totals	181	100%	16628	100%	34915	100%
	One-to-one device usage	6	3%	1730	10%	3781	11%
	Bring your own device (BYOD)	44	24%	4791	29%	9181	26%
	Students share a set of classroom devices	24	13%	2339	14%	5209	15%
6.9 Which of the following best describes your technology use in high school?	Devices are available in a centralized laboratory/space	74	41%	5595	34%	11610	33%
	None of the above	33	18%	2173	13%	5134	15%