

CONNEXIONS OPEN TEXTBOOK COST-BENEFIT ANALYSIS

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The purpose of this white paper is to present a framework for a quantitative cost/benefit assessment of philanthropic investments in providing open textbooks for the community college market. It is based on the Collaborative Statistics textbook, a successful project hosted on the Connexions open educational platform.

Unlike most philanthropic investments, the open textbook project has an easily quantifiable metric of social benefit – the direct cost savings to students of freely using an open textbook online or purchasing a very low-cost print version. Since the cost of textbooks is a major factor in the ability of many students to attend community college or to graduate in a reasonable time frame, the benefits to society of minimizing this barrier to education are large.

The analysis framework presented here provides a quantitative cost/benefit assessment considering only the direct monetary benefits to students. There are many other benefits that are harder to quantify – such as how many additional students could afford to attend college if textbook cost were not an impediment. If the quantitative cost/benefit can justify the investment, these other benefits are "gravy".

In the for-profit business world, the standard approach to determining whether to undertake a project is to use Return on Investment (ROI) analysis. ROI is the ratio of expected returns (i.e. profits) over the life of the project, divided by the cost of the investment. This can be expressed as a *return multiple*, e.g. a multiple of 3x means the project will return 3 times the investment. Alternatively it can be expressed as an *annualized ROI* which is computed using a standard compound growth rate formula; for a project with a 3x return over a 4 year project life this formula computes the annualized ROI as 32%. Where the project life is long, with a constant annual return, the ROI formula reduces to just the ratio of annual returns divided by the investment cost. Most corporations have "hurdle rates" defining the minimum per annum ROI that is acceptable for their business model; typical hurdle rates are 15-25% per annum depending on the economic characteristics of the industry.

To apply the ROI method to the development of an open textbook or group of open textbooks, the direct monetary savings to students can be considered to be the **social return**, and the ratio of that to the initial investment is then the **social ROI**. Thus an open textbook that costs \$500,000 to develop and which saves students \$300,000 per year has a social ROI of 60%. To develop a full cost/benefit model we need to estimate (a) the cost of developing/acquiring the textbook, (b) the

¹ http://cnx.org/content/col10522/latest/

² http://cnx.org/

annual per-student cost savings of using the textbook, and (c) the number of students each year that will use the textbook.

The Excel spreadsheet "Return on Investment Analysis.xls" is set up to apply the above ROI methodology to the community college textbook market. It uses actual enrollment data for the California community college system in 2007-2008 (FTE enrollments in each of 393 subject areas). Given additional assumptions about the average development cost of each open textbook (cell I4) the expected adoption rate (cell H4), and the savings per student (cell G4), the spreadsheet computes the social ROI based on the California market alone, and also provides a rough extrapolation to the ROI for the entire US community college market. For illustrative purposes, a specific set of reasonable assumptions have been inserted. It is simple to test alternate assumptions or sensitivity to variation by simply entering new numbers into the three cells; the spreadsheet will immediately recalculate the ROI figures.

The next section explains in detail the components and calculations of the spreadsheet. The section after that discusses the implications and sensitivities of the results.

EXPLANATION OF THE SPREADSHEET

ROWS

Each row represents one subject area; the rows are ranked by the number of full-time equivalent (FTE) enrollments (largest to smallest) in the 2007-2008 year in California community colleges.

COLUMNS

Rank – shows the ranking (#1 is largest number of FTEs)

Title – name of the subject

2007-8 CA Total FTEs – a "full time student" is defined as one who is enrolled in 12 or units (credits). The Full Time Equivalent (FTE) figure is calculated by dividing 12 into the total number of units for which students are enrolled in a given subject area.³

CA #enrollees/yr – computed by multiplying the FTE figure by 12 to get the total units enrolled, then dividing by 3 (assuming the average course is 3 units) to get the number of persons taking the subject each year.

Potential CA savings/yr @ \$xx – multiplies the total CA enrollees per year by the expected savings per student that is entered in cell G4. The illustrative figure of \$75 assumes all students purchase a low-cost print version for \$25, saving \$75 over the cost of a typical \$100 publisher book. If a large fraction of students chose to simple view the material on-line and not purchase a book, the average savings would be higher.

Actual CA savings if adoption rate is xx% -- it is highly unlikely that any given open textbook would be adopted by every California teacher in a given subject, for many reasons. This column

³ Source of FTE data: https://misweb.cccco.edu/mis/onlinestat/ftes rpt.cfm?RequestTimeout=1000

applies an assumed adoption rate entered in cell H4 to the potential savings to get a more realistic estimate of actual savings. The assumption here is 10%.

Annual ROI (CA only) for investment of \$xxx,xxx – this computes the annual ROI as a ratio of the annual savings divided by the assumed average development cost of a book, as entered in cell I4. The assumption here is \$500,000.

The next two columns extend the analysis to provide a rough estimate for the entire US community college market. The simplifying assumption is that all states have similar relative numbers of students in each subject area with mostly overlapping subject requirements (i.e. each open textbook developed is usable in all states). There are approximately 7M community college students in the US, of which 1.4M are in California. So the total US market is approximately 5 times the California Market; hence these columns multiply the savings by 5 and recalculate the ROI in the same manner as for the California market:

US Annual Savings – CA savings times 5 Annual ROI (US) – CA ROI times 5

The next three columns show the cumulative results, for only the California market, of a multi-book project where the top-ranked subjects 1 to N are developed. For the total US market, the savings and ROI would be multiplied by 5.

Cumulative Investment – sums the total investment assuming an average development cost given in cell I4.

Cumulative CA Annual Savings – sums the annual savings for the N books in the CA market **Cumulative CA Annual ROI** – divides the annual CA savings of the top N books by the total investment.

For example, under the illustrative assumptions given, if a project to develop the top 5 titles were undertaken, the investment would by \$2.5M, and the annual return for just the California market would be 341%. Said another way, the savings to students in California on a \$2.5M investment would be \$8.5M every year thereafter (or \$11.3M if all students chose to just access the material digitally). For the total US market, the savings would be 5 times as much, or \$43M per year.

DISCUSSION

One major conclusion emerges from examining this model and performing sensitivity analysis; the social ROI for the high enrollment subject areas is far higher than would be required to justify investments in the for-profit world.

Table 1 summarizes the estimated return on investment for a hypothetical project for various numbers of top titles produced – 5, 10, 15, and 20 titles – under the assumptions of \$500K/title cost, 10% adoption rate, and \$75/student savings.

⁴ Source: http://www.aacc.nche.edu/AboutCC/Trends/Pages/enrollment.aspx

If all of the top 20 titles were developed, the annual ROI for California alone would be 187% under the basic assumptions, over 7 times a typical 25% business hurdle rate. Even if the assumption of adoption rate is reduced from 10% to 3% and the assumed per-title development cost is doubled to \$1,000,000, the top 20 titles would still be justified for the California market alone.

		Table 1. Return of	on Investm	ent Summary	
	Investment	CA	CA	US	US
# Titles	(\$M)	Savings/yr (\$M)	ROI / yr	Savings/yr (\$M)	ROI / yr
Top 5	2.5	8.5	341%	42.5	1703%
Top 10	5.0	13.0	261%	65.0	1304%
Top 15	7.5	16.0	214%	80.0	1070%
Top 20	10.0	18.7	187%	93.5	936%

Using the same 25% ROI as a minimum acceptable figure, under the basic assumptions shown in Table 1 the top 63 titles would be justified considering only the California market. If we consider the total US market, the top 164 titles would be justified for investment.

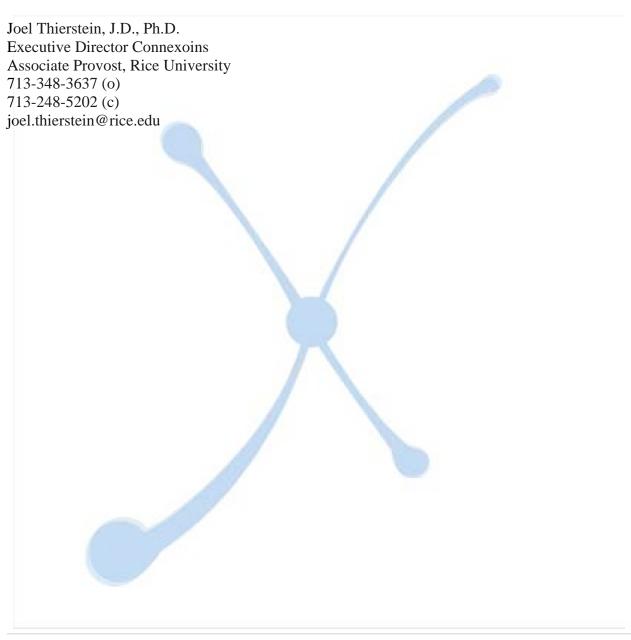
Because of the very high ROI, there are large benefits to minimizing "time-to-market", i.e. the calendar time required to develop a textbook. For example, suppose there are two options to acquiring content for a textbook: for option A, the acquisition cost is \$250,000 and will take 24 months to complete, while for option B the cost is \$500,000 but can be completed in 12 months. Choosing the lower-cost option will result in a 12 month loss of social benefit to students that cannot be recovered. For the #10 title, this amounts to over \$700,000 lost in the CA market, or over \$3M for the US market. So choosing the additional investment of \$250,000 for the higher-cost option provides several times that much incremental social benefit.

Based on the data, it is likely that a compelling case can be made for developing as many as 100 or more textbooks just for the community college market, costing on the order of \$50M. While it may be the case that private sector philanthropy at this level is not available, this amount is a small fraction of what federal, state, and local governments spend on education, especially with the current federal government stimulus plans. Governments are not likely to start such an initiative on their own, and even if they did they likely would execute it poorly and slowly. This suggests a win-win strategy: initiate a private project to develop 5-10 textbooks within 2 years; in parallel, approach the federal government for a follow-on public-private partnership to scale up the enterprise (it would take 1-2 years get to the point of having funds available, so starting the process early is essential). In the scale-up phase the private partners would continue to provide some funding as well as manage the project, with the federal government providing the lion's share -- say 80% -- of the funding to develop, say, 100 books by the end of 5-6 years. This is a "best of both worlds" scenario, allowing effective management by the private sector with public sector funding support.

The framework provided in the spreadsheet provides a standard way of representing cost/benefit tradeoffs. Of course, the credibility of the calculation results depends on the accuracy of the input data and the reasonableness of the assumptions about development cost, average per-

student savings, and adoption rates. These can and should be fine-tuned in the early stages of the project; in particular, it would be desirable to use data on highest enrollment *courses* rather than subjects. This data probably exists but was not available for this analysis.

For further information, please contact



RETURN ON INVESTMENT ANALYSIS

MULTI-BOOK PROJECT ANALYSIS

Potential CA CA annual savings Annual POLICA only) IIS annual savings Annual POLICIS Computation CA Computation CA

RETURN ON INVESTMENT ANALYSIS					•		US annual savings		MULTI-BOOK PROJECT ANALYSIS		
				Potential CA				Annual ROI (US)		Cumulative CA	
		2007-8 CA	CA	Savings/yr @	if adoption rate is	for investment of			Investment	Annual	Annual RO
	Title	Total FTES	# enrollees/yr	75	10%	\$500,000				Savings	
1	Mathematics, General	97,748	390,992	\$29,324,401	\$2,932,440	586%	\$14,662,200	2932%	\$500,000	\$2,932,440	586%
2	English	70,385	281,539	21,115,450	2,111,545	422%	10,557,725	2112%	1,000,000	5,043,985	504%
3	Physical Education	44,614	178,455	13,384,090	1,338,409	268%	6,692,045	1338%	1,500,000	6,382,394	425%
4	English as a Second Language - Intermediate	36,235	144,939	10,870,397	1,087,040	217%	5,435,199	1087%	2,000,000	7,469,434	373%
	Biology, General	34,879	139,517	10,463,787	1,046,379	209%	5,231,894	1046%	2,500,000	8,515,813	341%
_	Psychology, General	34,416	137,664	10,324,805	1,032,480	206%	5,162,402	1032%	3,000,000	9,548,293	318%
	,					202%		1008%			302%
•	History	33,591	134,363	10,077,219	1,007,722		5,038,610		3,500,000	10,556,015	
	Music	30,161	120,643	9,048,190	904,819	181%	4,524,095	905%	4,000,000	11,460,834	287%
	Chemistry, General	28,287	113,147	8,485,994	848,599	170%	4,242,997	849%	4,500,000	12,309,433	274%
10	Speech Communication	24,258	97,032	7,277,385	727,739	146%	3,638,693	728%	5,000,000	13,037,172	261%
11	Pre-Algebra (Basic Math/Arithmetic)	21,758	87,031	6,527,336	652,734	131%	3,263,668	653%	5,500,000	13,689,905	249%
	Spanish	21,738	86,951	6,521,356	652,136	130%	3,260,678	652%	6,000,000	14,342,041	239%
	Child Development/Early Care and Education	19,678	78,713	5,903,438	590,344	118%	2,951,719	590%	6,500,000	14,932,385	230%
	The state of the s	18,668	74,673	5,600,502	560,050	112%	2,800,251	560%			221%
	Registered Nursing								7,000,000	15,492,435	
	Administration of Justice	18,564	74,256	5,569,185	556,918	111%	2,784,592	557%	7,500,000	16,049,353	214%
16	Sociology	18,376	73,505	5,512,847	551,285	110%	2,756,424	551%	8,000,000	16,600,638	208%
.7	Political Science	17,857	71,426	5,356,961	535,696	107%	2,678,481	536%	8,500,000	17,136,334	202%
18	Anatomy and Physiology	17,835	71,342	5,350,624	535,062	107%	2,675,312	535%	9,000,000	17,671,397	196%
	Accounting	17,740	70,960	5,322,031	532,203	106%	2,661,015	532%	9,500,000	18,203,600	192%
	Writing	17,442	69,767	5,232,514	523,251	105%	2,616,257	523%	10,000,000	18,726,851	187%
	·										
	Art	15,552	62,208	4,665,623	466,562	93%	2,332,812	467%	10,500,000	19,193,414	183%
	Physical Fitness and Body Movement	15,360	61,438	4,607,878	460,788	92%	2,303,939	461%	11,000,000	19,654,201	179%
	Office Technology/Office Computer Applications	14,981	59,925	4,494,364	449,436	90%	2,247,182	449%	11,500,000	20,103,638	175%
24	Philosophy	14,835	59,342	4,450,631	445,063	89%	2,225,316	445%	12,000,000	20,548,701	171%
25	Health Education	14,349	57,397	4,304,762	430,476	86%	2,152,381	430%	12,500,000	20,979,177	168%
26	Economics	13,665	54,660	4,099,511	409,951	82%	2,049,756	410%	13,000,000	21,389,128	165%
	Anthropology	12,548	50,194	3,764,538	376,454	75%	1,882,269	376%	13,500,000	21,765,582	161%
	Information Technology, General	11,130	44,521	3,339,088	333,909	67%	1,669,544	334%	14,000,000	22,099,491	158%
	Dramatic Arts	11,004	44,016	3,301,183	330,118	66%	1,650,592	330%	14,500,000	22,429,609	155%
	Reading Skills Development	10,770	43,079	3,230,929	323,093	65%	1,615,464	323%	15,000,000	22,752,702	152%
31	Intercollegiate Athletics	10,519	42,074	3,155,551	315,555	63%	1,577,775	316%	15,500,000	23,068,257	149%
2	Cosmetology and Barbering	10,350	41,399	3,104,895	310,490	62%	1,552,448	310%	16,000,000	23,378,747	146%
33	Business and Commerce, General	9,377	37,506	2,812,979	281,298	56%	1,406,489	281%	16,500,000	23,660,045	143%
	Painting and Drawing	9,256	37,025	2,776,845	277,685	56%	1,388,423	278%	17,000,000	23,937,729	141%
	Fire Technology	9,004	36,017	2,701,264	270,126	54%	1,350,632	270%	17,500,000	24,207,856	138%
	Secondary Education (Grades 9-12) and G.E.D.	8,725	34,900	2,617,513	261,751	52%	1,308,756	262%	18,000,000	24,469,607	136%
37	Automotive Technology	8,700	34,799	2,609,945	260,995	52%	1,304,973	261%	18,500,000	24,730,601	134%
38	Physics, General	8,350	33,401	2,505,055	250,506	50%	1,252,528	251%	19,000,000	24,981,107	131%
39	Police Academy	8,206	32,824	2,461,824	246,182	49%	1,230,912	246%	19,500,000	25,227,289	129%
10	Supervised Tutoring	8,107	32,428	2,432,130	243,213	49%	1,216,065	243%	20,000,000	25,470,502	127%
	Fine Arts, General	8,072	32,288	2,421,588	242,159	48%	1,210,794	242%	20,500,000	25,712,661	125%
	English as a Second Language - Elementary	7,745	30,979	2,323,438	232,344	46%	1,161,719	232%	21,000,000	25,945,005	124%
	Geography	7,666	30,664	2,299,771	229,977	46%	1,149,886	230%	21,500,000	26,174,982	122%
	Dance	7,644	30,576	2,293,168	229,317	46%	1,146,584	229%	22,000,000	26,404,299	120%
	English as a Second Language - Degree Applicable	7,403	29,612	2,220,870	222,087	44%	1,110,435	222%	22,500,000	26,626,386	118%
	Career Guidance and Orientation	6,747	26,988	2,024,135	202,414	40%	1,012,068	202%	23,000,000	26,828,799	117%
	Astronomy	6,291	25,166	1,887,431	188,743	38%	943,716	189%	23,500,000	27,017,542	115%
	Computer Programming	5,842	23,366	1,752,457	175,246	35%	876,229	175%	24,000,000	27,192,788	113%
-		5,812	23,248	1,743,602	174,360	35%	871,801	174%	24,500,000	27,192,788	112%
	Nutrition, Foods, and Culinary Arts										
	MicroBiology	5,426	21,706	1,627,915	162,792	33%	813,958	163%	25,000,000	27,529,940	110%
	Ethnic Studies	5,411	21,644	1,623,333	162,333	32%	811,667	162%	25,500,000	27,692,273	109%
2	Business Management	5,307	21,227	1,591,995	159,199	32%	795,997	159%	26,000,000	27,851,473	107%
3	Fire Academy	5,187	20,746	1,555,963	155,596	31%	777,981	156%	26,500,000	28,007,069	106%
	Applied Photography	4,972	19,887	1,491,526	149,153	30%	745,763	149%	27,000,000	28,156,222	104%
	Real Estate	4.837	19.346	1,450,965	145,097	29%	725,483	145%	27,500,000	28.301.318	103%
_					-,					-,,-	
	Licensed Vocational Nursing	4,703	18,813	1,410,951	141,095	28%	705,476	141%	28,000,000	28,442,413	102%
7	Culinary Arts	4,677	18,707	1,402,989	140,299	28%	701,494	140%	28,500,000	28,582,712	100%
8	Emergency Medical Services	4,660	18,642	1,398,118	139,812	28%	699,059	140%	29,000,000	28,722,524	99%
	Geology	4,464	17,855	1,339,101	133,910	27%	669,550	134%	29,500,000	28,856,434	98%
	Welding Technology	4,370	17,481	1,311,083	131,108	26%	655,542	131%	30,000,000	28,987,542	97%
	Sign Language	4,233	16,932	1,269,876	126,988	25%	634,938	127%	30,500,000	29,114,530	95%
51		4,103	16,413	1,231,000	123,100	25%	615,500	123%	31,000,000	29,237,630	94%
51	French	.,===									
61 62	French Elementary Algebra (not degree applicable)	4,100	16,401	1,230,109	123,011	25%	615,055	123%	31,500,000	29,360,641	93%
61 62 63			16,401 16,328	1,230,109 1,224,591	123,011 122,459	25% 24%	615,055 612,295	123% 122%	31,500,000 32,000,000	29,360,641 29,483,100	93% 92%

66	Drafting Technology	3,773	15,092	1,131,899	113,190	23%	565,950	113%	33,000,000	29,714,707	90%
67	Living Skills, Handicapped	3,735	14,940	1,120,471	112,047	22%	560,236	112%	33,500,000	29,826,754	89%
68	Business Administration	3,734	14,938	1,120,337	112,034	22%	560,169	112%	34,000,000	29,938,788	88%
69	Graphic Art and Design	3,639	14,557	1,091,794	109,179	22%	545,897	109%	34,500,000	30,047,967	87%
70	Other Humanities	3,626	14,502	1,087,663	108,766	22%	543,831	109%	35,000,000	30,156,733	86%
71	Academic Guidance	3,572	14,290	1,071,717	107,172	21%	535,858	107%	35,500,000	30,263,905	85%
						21%		107%			84%
	General Work Experience	3,482	13,926	1,044,463	104,446		522,232		36,000,000	30,368,351	
73	Photography	3,420	13,681	1,026,039	102,604	21%	513,019	103%	36,500,000	30,470,955	83%
	Japanese	3,408	13,632	1,022,414	102,241	20%	511,207	102%	37,000,000	30,573,197	83%
75	Ceramics	3,278	13,110	983,262	98,326	20%	491,631	98%	37,500,000	30,671,523	82%
76	Radiologic Technology	3,273	13,090	981,757	98,176	20%	490,879	98%	38,000,000	30,769,699	81%
77	Architecture and Architectural Technology	2,998	11,993	899,509	89,951	18%	449,754	90%	38,500,000	30,859,649	80%
78	Manufacturing and Industrial Technology	2,937	11,749	881,173	88,117	18%	440,586	88%	39,000,000	30,947,767	79%
79	Electronics and Electric Technology	2,817	11,269	845,210	84,521	17%	422,605	85%	39,500,000	31,032,288	79%
80	Nursing	2,773	11,093	831,975	83,198	17%	415,988	83%	40,000,000	31,115,485	78%
81	Reading Skills, College Level (including Speed Reading)	2,728	10,912	818,424	81,842	16%	409,212	82%	40,500,000	31,197,328	77%
82	Learning Skills, Learning Disabled	2,725	10,900	817,476	81,748	16%	408,738	82%	41,000,000	31,279,075	76%
	Electrical	2,694	10,778	808,349	80,835	16%	404,174	81%	41,500,000	31,359,910	76%
	Social Sciences, General	2,690	10,758	806,875	80,688	16%	403,438	81%	42,000,000	31,440,598	75%
	Learning Skills, Handicapped	2,595	10,380	778,501	77,850	16%	389,250	78%	42,500,000	31,518,448	74%
86	English as a Second Language - Advanced (not degree applicab	2,588	10,351	776,315	77,632	16%	388,158	78%	43,000,000	31,596,079	73%
87	Physical Sciences, General	2,476	9,904	742,801	74,280	15%	371,400	74%	43,500,000	31,670,359	73%
88	Construction Crafts Technology	2,437	9,747	730,995	73,099	15%	365,497	73%	44,000,000	31,743,459	72%
89	Job Seeking/Changing Skills	2,403	9,610	720,781	72,078	14%	360,390	72%	44,500,000	31,815,537	71%
90	Paralegal	2,285	9,139	685,419	68,542	14%	342,709	69%	45,000,000	31,884,079	71%
91	Family and Consumer Sciences, General	2,275	9,099	682,395	68,240	14%	341,198	68%	45,500,000	31,952,318	70%
92	Chinese	2,190	8,759	656,914	65,691	13%	328,457	66%	46,000,000	32,018,010	70%
93	Computer Networking	2,034	8,136	610,171	61,017	12%	305,086	61%	46,500,000	32,079,027	69%
94	Computer Graphics and Digital Imagery	1,956	7,825	586,841	58,684	12%	293,420	59%	47,000,000	32,137,711	68%
95	Carpentry	1,914	7,657	574,303	57,430	11%	287,151	57%	47,500,000	32,195,141	68%
96	Journalism	1,914	7,655	574,106	57,411	11%	287,053	57%	48,000,000	32,252,552	67%
97	Psychiatric Technician		7,454			11%	279,515	56%			67%
		1,863		559,030	55,903				48,500,000	32,308,455	
98	Fashion	1,861	7,444	558,287	55,829	11%	279,143	56%	49,000,000	32,364,283	66%
	Commercial Music	1,844	7,377	553,273	55,327	11%	276,636	55%	49,500,000	32,419,611	65%
100	Italian	1,844	7,377	553,250	55,325	11%	276,625	55%	50,000,000	32,474,936	65%
101	Interior Design and Merchandising	1,835	7,341	550,541	55,054	11%	275,271	55%	50,500,000	32,529,990	64%
102	Human Services	1,833	7,331	549,821	54,982	11%	274,911	55%	51,000,000	32,584,972	64%
103	Automotive Collision Repair	1,832	7,328	549,609	54,961	11%	274,805	55%	51,500,000	32,639,933	63%
104	Film History and Criticism	1,796	7,185	538,888	53,889	11%	269,444	54%	52,000,000	32,693,822	63%
105	Marketing and Distribution	1,766	7,066	529,926	52,993	11%	264,963	53%	52,500,000	32,746,814	62%
	Other Interdisciplinary Studies	1,733	6,933	519,994	51,999	10%	259,997	52%	53,000,000	32,798,814	62%
	Digital Media	1,730	6,919	518,914	51,891	10%	259,457	52%	53,500,000	32,850,705	61%
	Study Skills	1,712	6,849	513,695	51,369	10%	256,847	51%	54,000,000	32,902,074	61%
	Fashion Design	1,712	6,847	513,543	51,354	10%	256,772	51%	54,500,000	32,953,429	60%
	Oceangraphy		6,811	510,843	51,084	10%	255,421	51%	55,000,000		60%
		1,703					255,421	51%			
	Environmental Control Technology	1,697	6,786				254 400	E40/		33,004,513	
				508,979	50,898	10%	254,490	51%	55,500,000	33,055,411	60%
113	Communication Skills	1,695	6,780	508,493	50,849	10%	254,247	51%	55,500,000 56,000,000	33,055,411 33,106,260	59%
	Radio and Television	1,659	6,780 6,637	508,493 497,767	50,849 49,777	10% 10%	254,247 248,884	51% 50%	55,500,000 56,000,000 56,500,000	33,055,411 33,106,260 33,156,037	59% 59%
114	Radio and Television Respiratory Care/Therapy	1,659 1,659	6,780 6,637 6,635	508,493 497,767 497,607	50,849 49,777 49,761	10% 10% 10%	254,247 248,884 248,804	51% 50% 50%	55,500,000 56,000,000 56,500,000 57,000,000	33,055,411 33,106,260 33,156,037 33,205,798	59% 59% 58%
114 115	Radio and Television Respiratory Care/Therapy Religious Studies	1,659 1,659 1,655	6,780 6,637 6,635 6,619	508,493 497,767 497,607 496,427	50,849 49,777 49,761 49,643	10% 10% 10% 10%	254,247 248,884 248,804 248,213	51% 50% 50% 50%	55,500,000 56,000,000 56,500,000 57,000,000 57,500,000	33,055,411 33,106,260 33,156,037 33,205,798 33,255,440	59% 59% 58% 58%
114 115	Radio and Television Respiratory Care/Therapy	1,659 1,659 1,655 1,549	6,780 6,637 6,635 6,619 6,194	508,493 497,767 497,607 496,427 464,583	50,849 49,777 49,761 49,643 46,458	10% 10% 10% 10% 9%	254,247 248,884 248,804 248,213 232,291	51% 50% 50% 50% 46%	55,500,000 56,000,000 56,500,000 57,000,000 57,500,000 58,000,000	33,055,411 33,106,260 33,156,037 33,205,798	59% 59% 58% 58% 57%
114 115 116	Radio and Television Respiratory Care/Therapy Religious Studies	1,659 1,659 1,655	6,780 6,637 6,635 6,619	508,493 497,767 497,607 496,427	50,849 49,777 49,761 49,643	10% 10% 10% 10%	254,247 248,884 248,804 248,213	51% 50% 50% 50%	55,500,000 56,000,000 56,500,000 57,000,000 57,500,000	33,055,411 33,106,260 33,156,037 33,205,798 33,255,440 33,301,899 33,348,292	59% 59% 58% 58%
114 115 116 117	Radio and Television Respiratory Care/Therapy Religious Studies Elementary Education (Grades 1-8)	1,659 1,659 1,655 1,549	6,780 6,637 6,635 6,619 6,194	508,493 497,767 497,607 496,427 464,583	50,849 49,777 49,761 49,643 46,458	10% 10% 10% 10% 9%	254,247 248,884 248,804 248,213 232,291	51% 50% 50% 50% 46%	55,500,000 56,000,000 56,500,000 57,000,000 57,500,000 58,000,000	33,055,411 33,106,260 33,156,037 33,205,798 33,255,440 33,301,899 33,348,292	59% 59% 58% 58% 57%
114 115 116 117 118	Radio and Television Respiratory Care/Therapy Religious Studies Elementary Education (Grades 1-8) Adapted Physical Education Horticulture	1,659 1,659 1,655 1,549 1,546 1,545	6,780 6,637 6,635 6,619 6,194 6,186 6,181	508,493 497,767 497,607 496,427 464,583 463,931 463,543	50,849 49,777 49,761 49,643 46,458 46,393 46,354	10% 10% 10% 10% 9% 9%	254,247 248,884 248,804 248,213 232,291 231,966 231,772	51% 50% 50% 50% 46% 46% 46%	55,500,000 56,000,000 56,500,000 57,000,000 57,500,000 58,000,000 58,500,000 59,000,000	33,055,411 33,106,260 33,156,037 33,205,798 33,255,440 33,301,899 33,348,292 33,394,646	59% 59% 58% 58% 57% 57% 57%
114 115 116 117 118 119	Radio and Television Respiratory Care/Therapy Religious Studies Elementary Education (Grades 1-8) Adapted Physical Education Horticulture Gerontology	1,659 1,659 1,655 1,549 1,546 1,545 1,513	6,780 6,637 6,635 6,619 6,194 6,186 6,181 6,050	508,493 497,767 497,607 496,427 464,583 463,931 463,543 453,762	50,849 49,777 49,761 49,643 46,458 46,393 46,354 45,376	10% 10% 10% 10% 9% 9% 9%	254,247 248,884 248,804 248,213 232,291 231,966 231,772 226,881	51% 50% 50% 50% 46% 46% 46% 45%	55,500,000 56,000,000 56,500,000 57,000,000 57,500,000 58,000,000 58,500,000 59,000,000	33,055,411 33,106,260 33,156,037 33,205,798 33,255,440 33,301,899 33,348,292 33,394,646 33,440,022	59% 59% 58% 58% 57% 57% 57% 56%
114 115 116 117 118 119 120	Radio and Television Respiratory Care/Therapy Religious Studies Elementary Education (Grades 1-8) Adapted Physical Education Horticulture Gerontology Film Studies	1,659 1,659 1,655 1,549 1,546 1,545 1,513 1,460	6,780 6,637 6,635 6,619 6,194 6,186 6,181 6,050 5,840	508,493 497,767 497,607 496,427 464,583 463,931 463,543 453,762 438,019	50,849 49,777 49,761 49,643 46,458 46,393 46,354 45,376 43,802	10% 10% 10% 10% 9% 9% 9% 9%	254,247 248,884 248,804 248,213 232,291 231,966 231,772 226,881 219,010	51% 50% 50% 50% 50% 46% 46% 46% 45% 44%	55,500,000 56,000,000 56,500,000 57,000,000 57,500,000 58,000,000 59,000,000 59,500,000 60,000,000	33,055,411 33,106,260 33,156,037 33,205,798 33,255,440 33,301,899 33,348,292 33,394,646 33,440,022 33,483,824	59% 59% 58% 58% 57% 57% 57% 56%
114 115 116 117 118 119 120	Radio and Television Respiratory Care/Therapy Religious Studies Elementary Education (Grades 1-8) Adapted Physical Education Horticulture Gerontology Film Studies Health Occupations, General	1,659 1,659 1,655 1,549 1,546 1,545 1,513 1,460 1,442	6,780 6,637 6,635 6,619 6,194 6,186 6,181 6,050 5,840 5,768	508,493 497,767 497,607 496,427 464,583 463,543 463,543 453,762 438,019 432,617	50,849 49,777 49,761 49,643 46,458 46,393 46,354 45,376 43,802 43,262	10% 10% 10% 10% 9% 9% 9% 9% 9%	254,247 248,884 248,804 248,213 232,291 231,966 231,772 226,881 219,010 216,308	51% 50% 50% 50% 46% 46% 46% 45% 44%	55,500,000 56,000,000 56,500,000 57,000,000 57,500,000 58,000,000 59,000,000 59,500,000 60,000,000 60,500,000	33,055,411 33,106,260 33,156,037 33,205,798 33,255,440 33,301,899 33,348,292 33,394,646 33,440,022 33,483,824 33,527,086	59% 59% 58% 58% 57% 57% 57% 56% 56%
114 115 116 117 118 119 120 121 122	Radio and Television Respiratory Care/Therapy Religious Studies Elementary Education (Grades 1-8) Adapted Physical Education Horticulture Gerontology Film Studies Health Occupations, General Vocational ESL	1,659 1,659 1,655 1,549 1,546 1,545 1,513 1,460 1,442 1,437	6,780 6,637 6,635 6,619 6,194 6,186 6,181 6,050 5,840 5,768 5,748	508,493 497,767 497,607 496,427 464,583 463,931 463,543 453,762 438,019 432,617 431,091	50,849 49,777 49,761 49,643 46,458 46,393 46,354 45,376 43,802 43,262 43,109	10% 10% 10% 10% 9% 9% 9% 9% 9% 9%	254,247 248,884 248,804 248,213 232,291 231,966 231,772 226,881 219,010 216,308 215,545	51% 50% 50% 50% 46% 46% 46% 45% 44% 43% 43%	55,500,000 56,000,000 56,500,000 57,000,000 57,500,000 58,500,000 59,000,000 59,500,000 60,500,000 60,500,000 61,000,000	33,055,411 33,106,260 33,156,037 33,205,798 33,255,440 33,301,899 33,348,292 33,394,646 33,440,022 33,483,824 33,527,086 33,570,195	59% 59% 58% 58% 57% 57% 57% 56% 56% 55%
114 115 116 117 118 119 120 121 122 123	Radio and Television Respiratory Care/Therapy Religious Studies Elementary Education (Grades 1-8) Adapted Physical Education Horticulture Gerontology Film Studies Health Occupations, General Vocational ESL Alcohol and Controlled Substances	1,659 1,659 1,655 1,549 1,546 1,545 1,513 1,460 1,442 1,437 1,421	6,780 6,637 6,635 6,619 6,194 6,186 6,181 6,050 5,840 5,768 5,748 5,684	508,493 497,767 497,607 496,427 464,583 463,931 463,543 453,762 438,019 432,617 431,091 426,269	50,849 49,777 49,761 49,643 46,458 46,393 46,354 45,376 43,802 43,262 43,109 42,627	10% 10% 10% 10% 9% 9% 9% 9% 9% 9%	254,247 248,884 248,804 248,213 232,291 231,966 231,772 226,881 219,010 216,308 215,545 213,135	51% 50% 50% 50% 46% 46% 45% 44% 43% 43% 43%	55,500,000 56,000,000 56,500,000 57,000,000 57,500,000 58,000,000 58,500,000 59,000,000 60,000,000 61,000,000 61,500,000	33,055,411 33,106,260 33,156,037 33,205,798 33,255,440 33,301,899 33,348,292 33,394,646 33,440,022 33,483,824 33,527,086 33,570,195 33,612,822	59% 59% 58% 58% 57% 57% 57% 56% 56% 55% 55% 55%
114 115 116 117 118 119 120 121 122 123 124	Radio and Television Respiratory Care/Therapy Religious Studies Elementary Education (Grades 1-8) Adapted Physical Education Horticulture Gerontology Film Studies Health Occupations, General Vocational ESL Alcohol and Controlled Substances Paramedic	1,659 1,659 1,655 1,549 1,546 1,545 1,513 1,460 1,442 1,437 1,421 1,402	6,780 6,637 6,635 6,619 6,194 6,186 6,181 6,050 5,840 5,768 5,748 5,684 5,684	508,493 497,767 497,607 496,427 464,583 463,931 463,543 453,762 438,019 432,617 431,091 426,269 420,498	50,849 49,777 49,761 49,643 46,458 46,393 46,354 45,376 43,802 43,262 43,109 42,627 42,050	10% 10% 10% 10% 9% 9% 9% 9% 9% 9%	254,247 248,884 248,804 248,213 232,291 231,966 231,772 226,881 219,010 216,308 215,545 213,135 210,249	51% 50% 50% 46% 46% 45% 44% 43% 43% 43% 43% 42%	55,500,000 56,000,000 56,500,000 57,000,000 57,500,000 58,000,000 59,000,000 59,500,000 60,000,000 61,000,000 61,500,000 62,000,000	33,055,411 33,106,260 33,156,037 33,205,798 33,255,440 33,301,899 33,348,292 33,394,646 33,440,022 33,483,824 33,570,195 33,612,822 33,654,872	59% 59% 58% 58% 57% 57% 57% 56% 56% 55% 55% 55% 55%
114 115 116 117 118 119 120 121 122 123 124 125	Radio and Television Respiratory Care/Therapy Religious Studies Elementary Education (Grades 1-8) Adapted Physical Education Horticulture Gerontology Film Studies Health Occupations, General Vocational ESL Alcohol and Controlled Substances Paramedic Medical Assisting	1,659 1,659 1,655 1,549 1,546 1,545 1,513 1,460 1,442 1,437 1,421 1,402 1,294	6,780 6,637 6,635 6,619 6,194 6,186 6,181 6,050 5,840 5,768 5,748 5,684 5,684 5,687	508,493 497,767 497,607 496,427 464,583 463,543 453,762 438,019 432,617 431,091 426,269 420,498 388,064	50,849 49,777 49,761 49,643 46,458 46,393 46,354 45,376 43,802 43,262 43,109 42,627 42,050 38,806	10% 10% 10% 10% 9% 9% 9% 9% 9% 9% 9%	254,247 248,884 248,804 248,213 232,291 231,966 231,772 226,881 219,010 216,308 215,545 213,135 210,249	51% 50% 50% 50% 46% 46% 45% 44% 43% 43% 43% 43% 42% 39%	55,500,000 56,000,000 56,500,000 57,000,000 57,500,000 58,000,000 59,000,000 60,000,000 60,000,000 61,000,000 62,000,000 62,500,000	33,055,411 33,106,260 33,156,037 33,205,798 33,255,440 33,301,899 33,348,292 33,394,646 33,440,022 33,483,824 33,527,086 33,570,195 33,612,822 33,654,872 33,693,678	59% 59% 58% 58% 57% 57% 57% 56% 56% 55% 55% 55% 54%
114 115 116 117 118 119 120 121 122 123 124 125	Radio and Television Respiratory Care/Therapy Religious Studies Elementary Education (Grades 1-8) Adapted Physical Education Horticulture Gerontology Film Studies Health Occupations, General Vocational ESL Alcohol and Controlled Substances Paramedic Medical Assisting Certified Nurse Assistant	1,659 1,659 1,655 1,549 1,546 1,545 1,513 1,460 1,442 1,437 1,421 1,402 1,294	6,780 6,637 6,635 6,619 6,194 6,186 6,181 6,050 5,840 5,768 5,748 5,684 5,607 5,174 5,141	508,493 497,767 497,607 496,427 464,583 463,931 463,543 453,762 438,019 432,617 431,091 426,269 420,498 388,064 385,540	50,849 49,777 49,761 49,643 46,458 46,353 45,376 43,802 43,262 43,109 42,627 42,050 38,806 38,554	10% 10% 10% 10% 9% 9% 9% 9% 9% 9% 9%	254,247 248,884 248,804 248,213 232,291 231,966 231,772 226,881 219,010 216,308 215,545 213,135 210,249 194,032	51% 50% 50% 46% 46% 45% 44% 43% 43% 42% 39% 39%	55,500,000 56,000,000 56,500,000 57,000,000 57,500,000 58,500,000 59,000,000 60,000,000 60,500,000 61,500,000 62,000,000 62,500,000 63,000,000	33,055,411 33,106,260 33,156,037 33,205,798 33,255,440 33,301,899 33,348,292 33,349,646 33,440,022 33,483,824 33,527,086 33,570,195 33,612,822 33,654,872 33,654,872 33,654,872 33,693,678 33,732,232	59% 59% 58% 58% 57% 57% 57% 56% 56% 55% 55% 55% 54% 54% 54%
114 115 116 117 118 119 120 121 122 123 124 125 126	Radio and Television Respiratory Care/Therapy Religious Studies Elementary Education (Grades 1-8) Adapted Physical Education Horticulture Gerontology Film Studies Health Occupations, General Vocational ESL Alcohol and Controlled Substances Paramedic Medical Assisting Certified Nurse Assistant Corrections	1,659 1,659 1,655 1,549 1,546 1,545 1,513 1,460 1,442 1,437 1,421 1,402 1,294 1,285	6,780 6,637 6,635 6,619 6,194 6,186 6,181 6,050 5,840 5,768 5,748 5,684 5,607 5,174 5,106	508,493 497,767 497,607 496,427 464,583 463,931 463,543 453,762 438,019 432,617 431,091 426,269 420,498 388,064 385,540 382,983	50,849 49,777 49,761 49,643 46,458 46,393 46,354 45,376 43,802 43,262 43,109 42,627 42,050 38,806 38,554 38,298	10% 10% 10% 10% 9% 9% 9% 9% 9% 9% 9% 8% 8%	254,247 248,884 248,804 248,213 232,291 231,966 231,772 226,881 219,010 216,308 215,545 213,135 210,249 194,032 192,770 191,492	51% 50% 50% 46% 46% 45% 44% 43% 43% 43% 43% 43% 39% 39% 38%	55,500,000 56,000,000 56,500,000 57,000,000 57,500,000 58,000,000 58,000,000 59,000,000 60,000,000 61,500,000 61,500,000 62,500,000 63,000,000 63,000,000	33,055,411 33,106,260 33,156,037 33,205,798 33,255,440 33,301,899 33,348,292 33,394,646 33,440,022 33,483,824 33,527,086 33,570,195 33,612,822 33,63,678,872 33,693,678 33,732,232 33,770,531	59% 59% 58% 58% 57% 57% 57% 56% 56% 55% 55% 55% 54% 54% 54% 54%
114 115 116 117 118 119 120 121 122 123 124 125 126 127 128	Radio and Television Respiratory Care/Therapy Religious Studies Elementary Education (Grades 1-8) Adapted Physical Education Horticulture Gerontology Film Studies Health Occupations, General Vocational ESL Alcohol and Controlled Substances Paramedic Medical Assisting Certified Nurse Assistant Corrections Machining and Machine Tools	1,659 1,659 1,655 1,549 1,546 1,545 1,513 1,460 1,442 1,437 1,421 1,402 1,294 1,285 1,277 1,270	6,780 6,637 6,635 6,619 6,194 6,186 6,181 6,050 5,840 5,768 5,748 5,684 5,684 5,687 5,174 5,106 5,082	508,493 497,767 497,607 496,427 464,583 463,931 463,543 453,762 438,019 432,617 431,091 426,269 420,498 388,064 385,540 382,983 381,113	50,849 49,777 49,761 49,643 46,458 46,393 46,354 45,376 43,802 43,262 43,109 42,627 42,050 38,806 38,554 38,298 38,111	10% 10% 10% 10% 9% 9% 9% 9% 9% 9% 8% 8%	254,247 248,884 248,804 248,213 232,291 231,966 231,772 226,881 219,010 216,308 215,545 213,135 210,249 194,032 192,770 191,492 190,556	51% 50% 50% 46% 46% 45% 44% 43% 43% 43% 43% 39% 39% 39% 38%	55,500,000 56,000,000 56,500,000 57,000,000 57,500,000 58,000,000 59,000,000 60,000,000 61,000,000 61,500,000 62,500,000 63,500,000 64,000,000 64,000,000	33,055,411 33,106,260 33,156,037 33,205,798 33,255,440 33,301,899 33,348,292 33,349,646 33,440,022 33,483,824 33,527,086 33,570,195 33,612,822 33,654,872 33,654,872 33,654,872 33,693,678 33,732,232	59% 59% 58% 58% 57% 57% 56% 56% 55% 55% 55% 54% 54% 54% 54% 53%
114 115 116 117 118 119 120 121 122 123 124 125 126 127 128	Radio and Television Respiratory Care/Therapy Religious Studies Elementary Education (Grades 1-8) Adapted Physical Education Horticulture Gerontology Film Studies Health Occupations, General Vocational ESL Alcohol and Controlled Substances Paramedic Medical Assisting Certified Nurse Assistant Corrections	1,659 1,659 1,655 1,549 1,546 1,545 1,513 1,460 1,442 1,437 1,421 1,402 1,294 1,285	6,780 6,637 6,635 6,619 6,194 6,186 6,181 6,050 5,840 5,768 5,748 5,684 5,607 5,174 5,106	508,493 497,767 497,607 496,427 464,583 463,931 463,543 453,762 438,019 432,617 431,091 426,269 420,498 388,064 385,540 382,983	50,849 49,777 49,761 49,643 46,458 46,393 46,354 45,376 43,802 43,262 43,109 42,627 42,050 38,806 38,554 38,298	10% 10% 10% 10% 9% 9% 9% 9% 9% 9% 9% 8% 8%	254,247 248,884 248,804 248,213 232,291 231,966 231,772 226,881 219,010 216,308 215,545 213,135 210,249 194,032 192,770 191,492	51% 50% 50% 46% 46% 45% 44% 43% 43% 43% 43% 43% 39% 39% 38%	55,500,000 56,000,000 56,500,000 57,000,000 57,500,000 58,000,000 58,000,000 59,000,000 60,000,000 61,500,000 61,500,000 62,500,000 63,000,000 63,000,000	33,055,411 33,106,260 33,156,037 33,205,798 33,255,440 33,301,899 33,348,292 33,394,646 33,440,022 33,483,824 33,527,086 33,570,195 33,612,822 33,63,678,872 33,693,678 33,732,232 33,770,531	59% 59% 58% 58% 57% 57% 57% 56% 56% 55% 55% 55% 54% 54% 54% 54%
114 115 116 117 118 119 120 121 122 123 124 125 126 127 128	Radio and Television Respiratory Care/Therapy Religious Studies Elementary Education (Grades 1-8) Adapted Physical Education Horticulture Gerontology Film Studies Health Occupations, General Vocational ESL Alcohol and Controlled Substances Paramedic Medical Assisting Certified Nurse Assistant Corrections Machining and Machine Tools	1,659 1,659 1,655 1,549 1,546 1,545 1,513 1,460 1,442 1,437 1,421 1,402 1,294 1,285 1,277 1,270	6,780 6,637 6,635 6,619 6,194 6,186 6,181 6,050 5,840 5,768 5,748 5,684 5,684 5,687 5,174 5,106 5,082	508,493 497,767 497,607 496,427 464,583 463,931 463,543 453,762 438,019 432,617 431,091 426,269 420,498 388,064 385,540 382,983 381,113	50,849 49,777 49,761 49,643 46,458 46,393 46,354 45,376 43,802 43,262 43,109 42,627 42,050 38,806 38,554 38,298 38,111	10% 10% 10% 10% 9% 9% 9% 9% 9% 9% 8% 8%	254,247 248,884 248,804 248,213 232,291 231,966 231,772 226,881 219,010 216,308 215,545 213,135 210,249 194,032 192,770 191,492 190,556	51% 50% 50% 46% 46% 45% 44% 43% 43% 43% 43% 39% 39% 39% 38%	55,500,000 56,000,000 56,500,000 57,000,000 57,500,000 58,000,000 59,000,000 60,000,000 61,000,000 61,500,000 62,500,000 63,500,000 64,000,000 64,000,000	33,055,411 33,106,260 33,156,037 33,205,798 33,255,440 33,301,899 33,348,292 33,394,646 33,440,022 33,483,824 33,577,086 33,570,195 33,612,822 33,693,678 33,732,232 33,732,232 33,770,531 33,808,642	59% 59% 58% 58% 57% 57% 56% 56% 55% 55% 55% 54% 54% 54% 54% 53%
114 115 116 117 118 119 120 121 122 123 124 125 126 127 128	Radio and Television Respiratory Care/Therapy Religious Studies Elementary Education (Grades 1-8) Adapted Physical Education Horticulture Gerontology Film Studies Health Occupations, General Vocational ESL Alcohol and Controlled Substances Paramedic Medical Assisting Certified Nurse Assistant Corrections Machining and Machine Tools Film Production	1,659 1,659 1,655 1,549 1,546 1,545 1,513 1,460 1,442 1,437 1,421 1,402 1,294 1,285 1,277 1,270 1,245	6,780 6,637 6,635 6,619 6,194 6,186 6,181 6,050 5,840 5,768 5,748 5,684 5,684 5,684 5,174 5,1174 5,141 5,006 5,082 4,981	508,493 497,767 497,607 496,427 464,583 463,931 463,543 453,762 438,019 432,617 431,091 426,269 420,498 388,064 385,540 382,983 381,113 373,574	50,849 49,777 49,761 49,643 46,458 46,353 45,376 43,802 43,262 43,109 42,627 42,050 38,806 38,554 38,298 38,111 37,357	10% 10% 10% 10% 9% 9% 9% 9% 9% 9% 8% 8% 8%	254,247 248,884 248,804 248,213 232,291 231,966 231,772 226,881 219,010 216,308 215,545 213,135 210,249 194,032 192,770 191,492 190,556 186,787	51% 50% 50% 46% 46% 45% 44% 43% 43% 43% 43% 43% 39% 39% 38% 38% 37%	55,500,000 56,000,000 56,500,000 57,000,000 57,500,000 58,000,000 59,000,000 59,500,000 60,000,000 61,500,000 61,500,000 62,000,000 63,500,000 63,500,000 64,000,000 64,000,000 64,000,000	33,055,411 33,106,260 33,156,037 33,205,798 33,255,440 33,301,899 33,348,292 33,394,646 33,440,022 33,483,824 33,527,086 33,570,195 33,612,822 33,654,872 33,693,678 33,732,232 33,770,531 33,808,642 33,845,999	59% 59% 58% 58% 57% 57% 57% 56% 55% 55% 55% 55% 54% 54% 54% 54% 53% 53% 53%
114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130	Radio and Television Respiratory Care/Therapy Religious Studies Elementary Education (Grades 1-8) Adapted Physical Education Horticulture Gerontology Film Studies Health Occupations, General Vocational ESL Alcohol and Controlled Substances Paramedic Medical Assisting Certified Nurse Assistant Corrections Machining and Machine Tools Film Production Classics Dental Hygienist	1,659 1,659 1,655 1,549 1,546 1,545 1,513 1,460 1,442 1,437 1,421 1,402 1,294 1,285 1,277 1,270 1,245	6,780 6,637 6,635 6,619 6,194 6,186 6,181 6,050 5,840 5,768 5,768 5,748 5,684 5,607 5,174 5,106 5,082 4,981 4,969	508,493 497,767 497,607 496,427 464,583 463,931 463,543 453,762 438,019 432,617 431,091 426,269 420,498 388,064 385,540 382,983 381,113 373,574 372,666	50,849 49,777 49,761 49,643 46,458 46,393 46,354 45,376 43,802 43,262 43,109 42,627 42,050 38,806 38,554 38,298 38,111 37,357 37,267	10% 10% 10% 10% 9% 9% 9% 9% 9% 9% 8% 8% 8% 8%	254,247 248,884 248,804 248,213 232,291 231,966 231,772 226,881 219,010 216,308 215,545 213,135 210,249 194,032 192,770 191,492 190,556 186,787 186,333	51% 50% 50% 50% 46% 46% 45% 44% 43% 43% 42% 39% 38% 38% 38% 37% 37%	55,500,000 56,000,000 56,000,000 57,000,000 57,500,000 58,000,000 58,000,000 59,500,000 60,500,000 61,500,000 62,500,000 62,500,000 63,000,000 63,500,000 64,000,000 64,500,000 64,500,000	33,055,411 33,106,260 33,156,037 33,205,798 33,2255,440 33,301,899 33,348,292 33,394,646 33,440,022 33,483,824 33,527,086 33,570,195 33,612,822 33,654,872 33,693,678 33,772,232 33,770,531 33,808,642 33,845,999 33,883,266	59% 59% 58% 58% 57% 57% 57% 56% 56% 55% 55% 54% 54% 54% 54% 53% 53% 53% 52%
114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130	Radio and Television Respiratory Care/Therapy Religious Studies Elementary Education (Grades 1-8) Adapted Physical Education Horticulture Gerontology Film Studies Health Occupations, General Vocational ESL Alcohol and Controlled Substances Paramedic Medical Assisting Certified Nurse Assistant Corrections Machining and Machine Tools Film Production Classics Dental Hygienist Engineering, General (requires Calculus) (Transfer)	1,659 1,659 1,655 1,549 1,546 1,545 1,513 1,460 1,442 1,437 1,421 1,402 1,294 1,285 1,277 1,270 1,245 1,242 1,210	6,780 6,637 6,635 6,619 6,194 6,186 6,181 6,050 5,840 5,768 5,748 5,684 5,687 5,174 5,106 5,082 4,981 4,969 4,839	508,493 497,767 497,607 496,427 464,583 463,931 463,543 453,762 438,019 432,617 431,091 426,269 420,498 388,064 385,540 382,983 381,113 373,574 372,666 362,929 362,884	50,849 49,777 49,761 49,643 46,458 46,393 46,354 45,376 43,802 43,262 43,109 42,627 42,050 38,806 38,554 38,298 38,111 37,357 37,267 36,293 36,289	10% 10% 10% 10% 9% 9% 9% 9% 9% 9% 8% 8% 8% 8% 8%	254,247 248,884 248,804 248,213 232,291 231,966 231,772 226,881 219,010 216,308 215,545 213,135 210,249 194,032 192,770 191,492 190,556 186,787 186,333 181,464 181,447	51% 50% 50% 46% 46% 46% 445% 443% 43% 43% 43% 43% 39% 39% 39% 38% 37% 37% 36%	55,500,000 56,000,000 56,000,000 57,000,000 57,500,000 58,000,000 59,000,000 69,500,000 61,000,000 61,500,000 62,000,000 63,500,000 63,500,000 64,000,000 64,500,000 64,500,000 65,500,000 65,500,000 65,500,000	33,055,411 33,106,260 33,156,037 33,205,798 33,255,440 33,301,899 33,348,292 33,394,646 33,440,022 33,483,824 33,527,086 33,570,195 33,612,822 33,654,872 33,693,678 33,772,232 33,770,531 33,808,642 33,845,999 33,883,266 33,919,559 33,955,848	59% 59% 58% 58% 57% 57% 57% 56% 55% 55% 55% 54% 54% 54% 54% 53% 52% 52% 52%
114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130	Radio and Television Respiratory Care/Therapy Religious Studies Elementary Education (Grades 1-8) Adapted Physical Education Horticulture Gerontology Film Studies Health Occupations, General Vocational ESL Alcohol and Controlled Substances Paramedic Medical Assisting Certified Nurse Assistant Corrections Machining and Machine Tools Film Production Classics Dental Hygienist	1,659 1,659 1,655 1,655 1,549 1,546 1,545 1,513 1,460 1,442 1,437 1,421 1,402 1,294 1,285 1,277 1,270 1,245 1,242 1,210	6,780 6,637 6,635 6,619 6,194 6,186 6,181 6,050 5,840 5,768 5,748 5,684 5,687 5,174 5,141 5,106 5,082 4,981 4,969	508,493 497,767 497,607 496,427 464,583 463,931 463,543 453,762 438,019 432,617 431,091 426,269 420,498 388,064 385,540 382,983 381,113 373,574 372,666 362,929	50,849 49,777 49,761 49,643 46,458 46,393 46,354 45,376 43,802 43,262 43,109 42,627 42,050 38,806 38,554 38,298 38,111 37,357 37,267 36,293	10% 10% 10% 10% 9% 9% 9% 9% 9% 9% 8% 8% 8% 8%	254,247 248,884 248,804 248,213 232,291 231,966 231,772 226,881 219,010 216,308 215,545 213,135 210,249 194,032 192,770 191,492 190,556 186,787 186,333 181,464	51% 50% 50% 46% 46% 45% 44% 43% 43% 43% 43% 43% 39% 39% 38% 37% 37% 37% 36%	55,500,000 56,000,000 56,500,000 57,000,000 57,500,000 58,000,000 59,000,000 69,000,000 61,000,000 61,500,000 62,500,000 63,000,000 63,000,000 64,500,000 64,500,000 64,500,000 65,000,000 65,000,000	33,055,411 33,106,260 33,156,037 33,255,440 33,301,899 33,348,292 33,394,646 33,440,022 33,483,824 33,570,195 33,612,822 33,693,678 33,772,231 33,808,642 33,845,999 33,845,999 33,843,266 33,919,559	59% 59% 58% 58% 57% 57% 56% 56% 55% 55% 55% 54% 54% 54% 53% 53% 52% 52%

135 Career Technical Computational Skills	1,177	4,706	352,956	35,296	7%	176,478	35%	67,500,000	34,062,955	50%
136 Website Design and Development	1,172	4,688	351,570	35,157	7%	175,785	35%	68,000,000	34,098,112	50%
137 Dental Assistant	1,131	4,524	339,322	33,932	7%	169,661	34%	68,500,000	34,132,045	50%
138 Sign Language Interpreting	1,124	4,495	337,162	33,716	7%	168,581	34%	69,000,000	34,165,761	50%
139 German	1,114	4,457	334,307	33,431	7%	167,153	33%	69,500,000	34,199,191	49%
140 Creative Writing	1,114	4,446	333,460	33,431	7%	166.730	33%	70.000.000	34,232,537	49%
141 Television (including combined TV/Film/Video)	1,112	4,404	330,334	33,033	7%	165,167	33%	70,500,000	34,265,571	49%
			326,899		7%		33%			
142 Earth Science	1,090	4,359		32,690		163,449		71,000,000	34,298,261	48%
143 Mill and Cabinet Work	1,080	4,320	324,003	32,400	6%	162,001	32%	71,500,000	34,330,661	48%
144 Leadership Skills Development	1,030	4,121	309,039	30,904	6%	154,520	31%	72,000,000	34,361,565	48%
145 Foreign Languages, General	1,028	4,111	308,324	30,832	6%	154,162	31%	72,500,000	34,392,397	47%
146 Infants and Toddlers	1,019	4,076	305,679	30,568	6%	152,840	31%	73,000,000	34,422,965	47%
147 Animal Science	1,009	4,036	302,716	30,272	6%	151,358	30%	73,500,000	34,453,237	47%
148 Sculpture	994	3,978	298,338	29,834	6%	149,169	30%	74,000,000	34,483,071	47%
149 Commercial Art	989	3,955	296,629	29,663	6%	148,314	30%	74,500,000	34,512,734	46%
150 Technical Theater	969	3,876	290,734	29,073	6%	145,367	29%	75,000,000	34,541,807	46%
151 Plumbing, Pipefitting and Steamfitting	969	3,874	290,580	29,058	6%	145,290	29%	75,500,000	34,570,865	46%
152 Aeronautical and Aviation Technology	947	3,789	284,161	28,416	6%	142,081	28%	76,000,000	34,599,281	46%
153 Computer Science (Transfer)	927	3,706	277,981	27,798	6%	138,991	28%	76,500,000	34,627,079	45%
154 Restaurant and Food Services and Management	907	3,628	272,073	27,207	5%	136,036	27%	77,000,000	34,654,287	45%
155 Animation	904	3,616	271,169	27,117	5%	135,585	27%	77,500,000	34,681,403	45%
156 Drywall and Insulation	887	3,548	266,094	26,609	5%	133,047	27%	78,000,000	34,708,013	44%
157 Citizenship	876	3,504	262,825	26,283	5%	131,413	26%	78,500,000	34,734,295	44%
158 Applied Design	865	3,459	259,442	25,944	5%	129,721	26%	79,000,000	34,760,240	44%
159 Education, General	857	3,428	257,115	25,712	5%	128,558	26%	79,500,000	34,785,951	44%
160 Multimedia	817	3,267	245,050	24,505	5%	122,525	25%	80,000,000	34,810,456	44%
161 Civil and Construction Management Technology	809	3,238	242,848	24,285	5%	121,424	24%	80,500,000	34,834,741	43%
162 Environmental Studies	791	3,163	237,195	23,720	5%	118,598	24%	81,000,000	34,858,461	43%
163 Management Development and Supervision	787	3,150	236,250	23,625	5%	118,125	24%	81,500,000	34,882,086	43%
164 Environmental Science	757	3,029	227,158	22,716	5%	113,579	23%	82,000,000	34,904,801	43%
165 Preshool Age Children	748	2,991	224.358	22,436	4%	112.179	22%	82,500,000	34.927.237	42%
166 Computer Infrastructure and Support	732	2,930	219,719	21,972	4%	109,859	22%	83,000,000	34,949,209	42%
167 Banking and Finance	726	2,904	217,763	21,776	4%	108,881	22%	83,500,000	34,970,985	42%
168 Health Professions, Transfer Core Curriculum	711	2,843	213,211	21,321	4%	106,606	21%	84,000,000	34,992,306	42%
169 ESL Civics	693	2,771	207,851	20,785	4%	103,926	21%	84,500,000	35,013,092	41%
170 Other Fine and Applied Arts	676	2,706	202,929	20,293	4%	101,464	20%	85,000,000	35,033,384	41%
171 Sheet Metal and Structural Metal	674	2,695	202,148	20,215	4%	101,074	20%	85,500,000	35,053,599	41%
172 Veterinary Technician (Licensed)	664	2,655	199,153	19,915	4%	99,577	20%	86,000,000	35,073,515	41%
173 Plant Science	663	2,651	198,816	19,882	4%	99,408	20%	86,500,000	35,093,396	41%
	660	2,631	198,055	19,805	4%	99,027	20%	87,000,000	35,113,202	40%
174 Small Business and Entrepreneurship 175 Child Development Administration and Management	647	2,590	194,235	19,423	4%	97,117	19%	87,500,000	35,132,625	40%
176 Diesel Technology	642	2,568	192,577	19,423	4%	96,289	19%	88,000,000	35,151,883	40%
		,								
177 Construction Inspection	630	2,519	188,916	18,892	4%	94,458	19%	88,500,000	35,170,774	40%
178 Water and Wastewater Technology	610	2,440	182,974	18,297	4%	91,487	18%	89,000,000	35,189,072	40%
179 Other Information Technology	605	2,422	181,634	18,163	4%	90,817	18%	89,500,000	35,207,235	39%
180 Medical Office Technology	584	2,335	175,096	17,510	4%	87,548	18%	90,000,000	35,224,745	39%
181 Special Education	577	2,309	173,151	17,315	3%	86,576	17%	90,500,000	35,242,060	39%
182 Landscape Design and Maintenance	577	2,307	173,056	17,306	3%	86,528	17%	91,000,000	35,259,366	39%
183 Natural History	570	2,281	171,070	17,107	3%	85,535	17%	91,500,000	35,276,473	39%
184 Petroleum Technology	565	2,262	169,640	16,964	3%	84,820	17%	92,000,000	35,293,437	38%
185 Pharmacy Technology	555	2,222	166,639	16,664	3%	83,319	17%	92,500,000	35,310,101	38%
186 Hospitality	554	2,216	166,180	16,618	3%	83,090	17%	93,000,000	35,326,719	38%
187 Engineering Technology, General (requires Trigonometry)	552	2,210	165,737	16,574	3%	82,869	17%	93,500,000	35,343,292	38%
188 Library Science, General	544	2,176	163,218	16,322	3%	81,609	16%	94,000,000	35,359,614	38%
189 Other Education	540	2,160	161,974	16,197	3%	80,987	16%	94,500,000	35,375,811	37%
190 Women's Studies	530	2,121	159,085	15,908	3%	79,542	16%	95,000,000	35,391,720	37%
191 Diagnostic Medical Sonography	528	2,113	158,502	15,850	3%	79,251	16%	95,500,000	35,407,570	37%
192 Zoology, General	511	2,043	153,252	15,325	3%	76,626	15%	96,000,000	35,422,895	37%
193 Agriculture Technology and Sciences, General	509	2,036	152,734	15,273	3%	76,367	15%	96,500,000	35,438,169	37%
194 World Wide Web Administration	506	2,023	151,696	15,170	3%	75,848	15%	97,000,000	35,453,338	37%
195 Other Foreign Languages	504	2,016	151,208	15,121	3%	75,604	15%	97,500,000	35,468,459	36%
196 Computer Software Development	476	1,905	142,849	14,285	3%	71,424	14%	98,000,000	35,482,744	36%
197 Other Media and Communications	474	1,897	142,255	14,225	3%	71,127	14%	98,500,000	35,496,969	36%
198 Health Information Technology	467	1,869	140,202	14,020	3%	70,101	14%	99,000,000	35,510,990	36%
199 Natural Resources				13,665	3%	68,324	14%	99,500,000	35,524,654	36%
	455	1,822	136,648						33,324,034	
200 Physicians Assistant	455 454	1,822 1,816	136,648 136,169	13,617	3%	68,084	14%	100,000,000	35,538,271	36%
200 Physicians Assistant	454	1,816	136,169	13,617		68,084		100,000,000	35,538,271	36% 35%
200 Physicians Assistant 201 Parenting and Family Education	454 434	1,816 1,735	136,169 130,145	13,617 13,014	3% 3%	68,084 65,072	14%	100,000,000	35,538,271 35,551,286	
200 Physicians Assistant	454	1,816	136,169	13,617	3%	68,084	14% 13%	100,000,000	35,538,271	35%

204 Botany, General	422	1,689	126,684	12,668	3%	63,342	13%	102,000,000	35,589,665	35%
205 Jewelry	413	1,653	123,946	12,395	2%	61,973	12%	102,500,000	35,602,059	35%
206 Vietnamese	412	1,647	123,519	12,352	2%	61,759	12%	103,000,000	35,614,411	35%
207 Other Health Occupations	408	1,634	122,549	12,255	2%	61,274	12%	103,500,000	35,626,666	34%
208 Aviation Powerplant Mechanics	408	1,633	122,489	12,249	2%	61,244	12%	104,000,000	35,638,915	34%
209 Biotechnology and Biomedical Technology	398	1,591	119,290	11,929	2%	59,645	12%	104,500,000	35,650,844	34%
210 International Business and Trade	395	1,578	118,364	11,836	2%	59,182	12%	105,000,000	35,662,680	34%
211 Mass Communications	377	1,508	113,082	11,308	2%	56,541	11%	105,500,000	35,673,988	34%
212 Other Biological Sciences	361	1,446	108,433	10,843	2%	54,217	11%	106,000,000	35,684,832	34%
213 Fashion Merchandising	359	1,435	107,638	10,764	2%	53,819	11%	106,500,000	35,695,596	34%
214 Law, General	357	1,429	107,209	10,721	2%	53,604	11%	107,000,000	35,706,316	33%
215 American Studies	348	1,390	104,285	10,429	2%	52,143	10%	107,500,000	35,716,745	33%
216 Environmental Technology	336	1,345	100,875	10,088	2%	50,438	10%	108,000,000	35,726,832	33%
217 Agriculture Business, Sales and Service	335	1,341	100,571	10,057	2%	50,286	10%	108,500,000	35,736,890	33%
218 Database Design and Administration	333	1,334	100,031	10,003	2%	50,016	10%	109,000,000	35,746,893	33%
219 Travel Services and Tourism	328	1,310	98,274	9,827	2%	49,137	10%	109,500,000	35,756,720	33%
220 Wildland Fire Technology	327	1,306	97.971	9,797	2%	48,985	10%	110,000,000	35,766,517	33%
221 Electrical Systems and Power Transmission	326	1,305	97,911	9,791	2%	48,956	10%	110,500,000	35,776,308	32%
222 Computer Support	326	1,305	97,889	9,789	2%	48,944	10%	111,000,000	35,786,097	32%
223 Other Mathematics	323	1,291	96,855	9,685	2%	48,427	10%	111,500,000	35,785,783	32%
224 Agricultural Power Equipment Technology	321	1,285	96,399	9,640	2%	48,199	10%	112,000,000	35,805,423	32%
225 Printing and Lithography	319	1,276	95,710	9,571	2%	47,855	10%	112,500,000	35,814,994	32%
226 Floriculture / Floristry	319	1,275	95,611	9,561	2%	47,805	10%	113,000,000	35,824,555	32%
	319				2%		10%			32%
227 Tax Studies		1,269	95,139	9,514		47,570		113,500,000	35,834,069	
228 Court Reporting	315	1,261	94,594	9,459	2%	47,297	9%	114,000,000	35,843,528	31%
229 Fashion Production 230 Children with Special Needs	315	1,261	94,573	9,457	2%	47,286	9%	114,500,000	35,852,985	31%
	314 311	1,257	94,297	9,430	2%	47,148	9% 9%	115,000,000	35,862,415	31% 31%
		1,245	93,406	9,341		46,703		115,500,000	35,871,756	
232 Piloting	310	1,240	92,967	9,297	2%	46,484	9%	116,000,000	35,881,052	31%
233 Administrative Medical Assisting	302	1,206	90,453	9,045	2%	45,227	9%	116,500,000	35,890,098	31%
234 Arabic	301	1,205	90,407	9,041	2%	45,204	9%	117,000,000	35,899,138	31%
235 Physical Therapist Assistant	298	1,193	89,464	8,946	2%	44,732	9%	117,500,000	35,908,085	31%
236 Computer Electronics	297	1,188	89,092	8,909	2%	44,546	9%	118,000,000	35,916,994	30%
237 Geographic Information Systems	294	1,176	88,174	8,817	2%	44,087	9%	118,500,000	35,925,811	30%
238 Architectural Drafting	291	1,163	87,262	8,726	2%	43,631	9%	119,000,000	35,934,538	30%
239 Fitness Trainer	287	1,146	85,975	8,598	2%	42,988	9%	119,500,000	35,943,135	30%
240 Russian	282	1,127	84,549	8,455	2%	42,274	8%	120,000,000	35,951,590	30%
241 Clinical Medical Assisting	278	1,112	83,418	8,342	2%	41,709	8%	120,500,000	35,959,932	30%
242 Industrial Electronics	275	1,101	82,545	8,255	2%	41,273	8%	121,000,000	35,968,186	30%
243 Parks and Outdoor Recreation	272	1,090	81,747	8,175	2%	40,873	8%	121,500,000	35,976,361	30%
244 Surveying	272	1,086	81,472	8,147	2%	40,736	8%	122,000,000	35,984,508	29%
245 Library Technician (Aide)	271	1,084	81,327	8,133	2%	40,663	8%	122,500,000	35,992,641	29%
246 Forestry	271	1,084	81,265	8,126	2%	40,632	8%	123,000,000	36,000,767	29%
247 Coaching	268	1,073	80,462	8,046	2%	40,231	8%	123,500,000	36,008,814	29%
248 Dental Laboratory Technician	254	1,017	76,271	7,627	2%	38,136	8%	124,000,000	36,016,441	29%
249 Computer Systems Analysis	254	1,014	76,069	7,607	2%	38,034	8%	124,500,000	36,024,048	29%
250 Cardiovascular Technician	245	981	73,570	7,357	1%	36,785	7%	125,000,000	36,031,405	29%
251 Forensics, Evidence, and Investigation	239	958	71,834	7,183	1%	35,917	7%	125,500,000	36,038,588	29%
252 Educational Aide (Teacher Assistant)	235	938	70,359	7,036	1%	35,179	7%	126,000,000	36,045,624	29%
253 Heavy Equipment Operation	233	934	70,026	7,003	1%	35,013	7%	126,500,000	36,052,627	29%
254 Dietetic Services and Management	232	929	69,682	6,968	1%	34,841	7%	127,000,000	36,059,595	28%
255 Industrial Systems Technology and Maintenance	230	920	69,021	6,902	1%	34,510	7%	127,500,000	36,066,497	28%
256 Speech/Language Pathology and Audiology	229	916	68,727	6,873	1%	34,363	7%	128,000,000	36,073,369	28%
257 Educational Aide (Teacher Assistant), Bilingual	229	916	68,719	6,872	1%	34,360	7%	128,500,000	36,080,241	28%
258 Linguistics	228	911	68,362	6,836	1%	34,181	7%	129,000,000	36,087,078	28%
259 Heavy Equipment Maintenance	224	895	67,107	6,711	1%	33,553	7%	129,500,000	36,093,788	28%
260 Aviation Airframe Mechanics	223	893	66,945	6,695	1%	33,473	7%	130,000,000	36,100,483	28%
261 Radio	221	884	66,298	6,630	1%	33,149	7%	130,500,000	36,107,113	28%
262 Archaeology	217	867	65,050	6,505	1%	32,525	7%	131,000,000	36,113,618	28%
263 Athletic Training and Sports Medicine	190	758	56,878	5,688	1%	28,439	6%	131,500,000	36,119,305	27%
264 Viticulture, Enology, and Wine Business	188	752	56,414	5,641	1%	28,207	6%	132,000,000	36,124,947	27%
265 Commercial Dance	177	706	52,955	5,295	1%	26,477	5%	132,500,000	36,130,242	27%
266 Other Psychology	176	702	52,661	5,266	1%	26,331	5%	133,000,000	36,135,508	27%
267 Motorcycle, Outboard and Small Engine Repair	174	695	52,101	5,210	1%	26,050	5%	133,500,000	36,140,719	27%
268 Aquatics and Lifesaving	173	694	52,015	5,201	1%	26,007	5%	134,000,000	36,145,920	27%
269 Desktop Publishing	170	680	51,025	5,102	1%	25,512	5%	134,500,000	36,151,022	27%
270 Phlebotomy	170	680	50,989	5,099	1%	25,495	5%	135,000,000	36,156,121	27%
271 Other Business and Management	167	666	49,955	4,996	1%	24,978	5%	135,500,000	36,161,117	27%
272 Educational Technology	162	646	48,478	4,848	1%	24,239	5%	136,000,000	36,165,965	27%
	102	340	.5,476	.,0 10	1/0	27,233	5/0	130,000,000	30,103,303	

12.5 1.5	273 Occupational Therapy Technology	161	643	48,254	4,825	1%	24,127	5%	136,500,000	36,170,790	26%
17. Proceedings											
200 100	·										
27 Martine Commencial Services 15				•	•		•				
229 Commonweal Commonweal 130 556 41,577 4.177 126 20,278 416 119,00,000 30,519,1815 228	0,						·				
279 Che halts and Protected Services 138 254 41,55 41,55 18 20,772 44 129,500,000 30,327,900 208											
280 Logo and shouther 155 50 8,977 4,006 18 20,009 46 14,000,000 8,000,009 206 10 10 10 10 10 10 10	278 Mortuary Science										
267 Fisher Company 1962	279 Other Public and Protective Services	138	554	41,545	4,155	1%	20,773	4%	139,500,000	36,197,990	26%
287 Figure Chapter 1986 1987 1987 1987 1988 198	280 Labor and Industrial Relations	135	540	40,497	4,050	1%	20,249	4%	140,000,000	36,202,039	26%
287 Figure Chapter 1986 1987 1987 1987 1988 198	281 Technical Communication	133	533	39,999	4.000	1%	20.000	4%	140.500.000	36.206.039	26%
28 Force 120 505 37.88 3.787 18 13.642 48 141.00.000 81.21.281 208											
228 Enternis Carbon Compress 125 500 37,506 3,751 30 11,751 48 14,200,000 36,217,506 20%											
285 Seguel Refuneture 122 488 35,533 3,666 315 13,272 485 14,270,000 16,272,272 255 256											
200 Feel Monte Age Child											
229 Mechanical Engines											
288 Bendouted Foundamen	· ·						·				
288 Behavioral Science	287 Mechanical Drafting	116	463	34,731	3,473	1%	17,365	3%	143,500,000	36,228,353	25%
200 Telecommunication Tetrohology 100 412 30,955 3,092 15 15,662 36 155,000,00 36,213,213 256	288 Broadcast Journalism	115	460	34,474	3,447	1%	17,237	3%	144,000,000	36,231,800	25%
200 Contemporary 101	289 Behavioral Science	111	445	33,378	3,338	1%	16,689	3%	144,500,000	36,235,138	25%
200 Contemporary 101	290 Telecommunications Technology	103	412	30.925	3.092	1%	15.462	3%	145.000.000	36.238.231	25%
290 Deep Propriets Sceneres 102 409 80,879 3,068 115 13,540 315 146,000,000 82,244,866 2916 2918 291											
228 Parining Decorating, and Floring 98 290 22,286 2,292 15 14,640 25 145,600,000 36,247,114 256 256 266 267 275											
298 Fairling Decorating, and Footning 97 387 29.066 196 14.513 396 147,000,000 36,250,217 298 29											
295 2004 2											
296 Cherr Family and Consumer Sciences	294 Painting, Decorating, and Flooring										
297 Jaine	295 Lodging Management	95	382	28,641	2,864	1%	14,321	3%	147,500,000	36,253,081	25%
298 Guher Science 93 372 27,887 279 194 13,943 396 149,000,000 36,281,491 249, 90 Obto Sciences 92 367 27,777 2,771 195 13,856 395 119,000,000 36,287,015 249, 90 Obto Sciences 92 367 27,556 2,525 196 13,763 396 150,000,000 36,287,015 249, 90 Obto Sciences 92 367 27,556 2,525 196 13,763 396 150,000,000 36,287,015 249, 90 Obto Sciences 92 367 27,556 2,525 196 13,763 396 150,000,000 36,287,015 249, 90 Obto Sciences 92 367 27,556 2,525 196 13,763 396 150,000,000 36,287,015 249, 90 Obto Sciences 92 367 27,556 2,525 196 197,000 197,00	296 Other Family and Consumer Sciences	94	377	28,296	2,830	1%	14,148	3%	148,000,000	36,255,911	24%
298 Guher Science 93 372 27,887 279 194 13,943 396 149,000,000 36,281,491 249, 90 Obto Sciences 92 367 27,777 2,771 195 13,856 395 119,000,000 36,287,015 249, 90 Obto Sciences 92 367 27,556 2,525 196 13,763 396 150,000,000 36,287,015 249, 90 Obto Sciences 92 367 27,556 2,525 196 13,763 396 150,000,000 36,287,015 249, 90 Obto Sciences 92 367 27,556 2,525 196 13,763 396 150,000,000 36,287,015 249, 90 Obto Sciences 92 367 27,556 2,525 196 13,763 396 150,000,000 36,287,015 249, 90 Obto Sciences 92 367 27,556 2,525 196 197,000 197,00	297 Latin	93	372	27.922	2.792	1%	13.961	3%	148.500.000	36.258.703	24%
299 2707 2,771 196 13,854 346 149,500,000 36,244,862 246											
Books Department 92 367 27,526 27,536 18 13,763 38 15,000,000 36,267,015 248	·										
301 Massage Therapy											
Student Government											
303 Alan, South Asian, and Pacific Mands (Chinese and Japanese 6 3 36 25,21 2,522 1% 12,610 3% 151,500,000 36,274,788 24% 365 Logistics and Naterials Transportation 78 311 23,318 2,332 0% 11,659 2% 152,000,000 36,279,104 24% 305 Logistics and Naterials Transportation 74 297 22,290 0% 11,165 2% 152,000,000 36,279,104 24% 307 E-Commerce Technology emphasis) 70 281 21,097 2,110 0% 10,548 2% 153,500,000 36,283,683 24% 307 E-Commerce Technology emphasis) 70 281 21,097 2,110 0% 10,548 2% 153,500,000 36,283,683 24% 307 E-Commerce Technology emphasis) 70 281 21,097 2,107 0% 10,548 2% 153,500,000 36,283,683 24% 308 E-Commerce Technology 68 270 20,731 2,003 0% 10,035 2% 150,000 36,283,684 24% 313,000 36,283,684 24% 313,000 36,283,684 24% 313,000 36,283,684 24% 313,000 36,283,684 24% 313,000 36,283,684 24% 314,000 36,283,684 24% 314,000 36,283,684 24% 314,000 36,283,684 24% 314,000 36,283,684 24% 314,000 36,283,684 24% 314,000 36,283,684 24% 314,000 36,283,684 24% 314,000 36,283,684 24% 314,000 36,283,684 24% 314,000 36,283,684 24% 314,000 36,283,684 24% 314,000 36,283,684 24% 314,000 36,283,684 24% 314,000 36,283,684 24% 314,000 36,283,684 24% 314,000 36,283,684 24% 314,000 36,283,884 24% 315,000 36,283,884 2	0 17										
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305 Ligistics and Materials Transportation 78 311 23,318 2,323 0% 11,659 2% 152,000,000 36,279,484 24% 307 64,000 36,279,484 24% 307 64,000 36,00	303 Asian, South Asian, and Pacific Islands (Chinese and Ja	apanese (84	336	25,221	2,522		12,610		151,500,000	36,274,708	
196 Legal and Community Interpretation 74 277 22,290 22,290 0% 11,145 2% 153,000,000 36,281,663 24% 24% 308 Probation and Parole 69 276 20,731 2,073 0% 10,365 2% 154,000,000 36,285,846 24% 24% 308 Probation and Parole 69 276 20,731 2,073 0% 10,365 2% 154,000,000 36,285,846 24% 24% 310,000,000 36,285,846 24% 310,000,000 36,285,846 24% 310,000,000 36,285,846 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 316,000,000 36,285,946 24% 3	304 Electrocardiography	80	319	23,939	2,394	0%	11,970	2%	152,000,000	36,277,102	24%
196 Legal and Community Interpretation 74 277 22,290 22,290 0% 11,145 2% 153,000,000 36,281,663 24% 24% 308 Probation and Parole 69 276 20,731 2,073 0% 10,365 2% 154,000,000 36,285,846 24% 24% 308 Probation and Parole 69 276 20,731 2,073 0% 10,365 2% 154,000,000 36,285,846 24% 24% 310,000,000 36,285,846 24% 310,000,000 36,285,846 24% 310,000,000 36,285,846 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 310,000,000 36,285,946 24% 316,000,000 36,285,946 24% 3	305 Logistics and Materials Transportation	78	311	23,318	2,332	0%	11,659	2%	152,500,000	36,279,434	24%
367 E-Commerce (Technology emphasis) 70 281 21,097 2,110 0% 10,548 2% 15,500,000 36,28,773 24% 309 Technical illustration 68 274 20,543 2,054 0% 10,271 2% 15,500,000 36,28,789 24% 309 Technical illustration 68 274 20,543 2,054 0% 10,271 2% 15,500,000 36,28,790 23%						0%					24%
308 Probation and Parole 69 276 20,731 2,073 0% 10,365 2% 154,00,000 36,283,846 24% 309 Technical Histardson 68 274 20,543 2,056 0% 10,1271 2% 154,50,000 36,283,946 23% 310 Chemical Technology 68 270 20,261 2,026 0% 10,131 2% 155,00,000 36,283,9026 23% 311 Masorny, Tie, Cement, Lath and Plaster 67 269 20,154 2,015 0% 10,017 2% 155,50,000 36,283,936 23% 312 Crean Technology 67 267 20,026 2,003 0% 10,013 2% 156,000,000 36,283,934 23% 313 Exrorn 66 265 19,874 1,967 0% 9,937 2% 156,000,000 36,293,934 23% 314 Hebrew and Semitic 65 262 19,628 1,963 0% 9,814 2% 157,000,000 36,293,938 23% 314 Hebrew and Semitic 65 260 19,515 1,963 0% 9,814 2% 157,000,000 36,293,938 23% 316 Electron Microscopy 65 260 19,174 1,947 0% 9,739 2% 158,000,000 36,303,739 22% 317 Electron Microscopy 65 280 19,474 1,947 0% 9,737 2% 158,000,000 36,303,739 23% 318 Recreation 63 253 18,551 1,895 0% 9,476 2% 158,000,000 36,303,739 23% 319 insurance 62 250 18,730 18,873 0% 9,476 2% 159,000,000 36,303,233 23% 320 Appliance Repair 61 245 18,558 1,836 0% 9,179 2% 160,000,000 36,303,233 23% 321 Turgrass Technology 65 227 17,810 1,781 0% 8,895 2% 161,000,000 36,303,233 23% 322 Medical aluboratory Technology 61 242 18,182 1,818 0% 9,179 2% 160,000,000 36,303,233 23% 321 Turgrass Technology 63 237 17,810 1,781 0% 8,895 2% 161,000,000 36,303,233 23% 323 Foster and Kinship Care 55 227 17,810 1,781 0% 8,895 2% 161,000,000 36,311,51 23% 324 Medical aluboratory Technology 55 227 17,810 1,781 0% 8,895 2% 161,000,000 36,313,510 23% 325 Foster and Kinship Care 55 227 17,810 1,781 0% 8,895 2% 161,000,000 36,331,518 23% 326 Other Hump Science 55 207 15,466 1,662 0% 8,327 27 28 16,621 0% 8,327 27 28 16,621 0% 8,327 27 28 16,621 0% 8,327 27 28 16,621 0% 8,327 28 16,621 0% 8,327 28 16,621 0% 8,327 28 16,621 0% 8,327 28 16,621 0% 8,327 28 16,621 0% 8,327 28 16,621 0% 8,327 28 16,621 0% 8,327 28 16,621 0% 8,327 28 16,621 0% 8,327 28 16,621 0% 8,327 28 16,621 0% 8,327 28 16,621 0% 8,327 28 16,621 0% 8,327 28 16,621 0% 8,327 28 16,621 0% 8,327 28 16,621 0% 8,327 28 16,621 0							·				
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312 Cesan Technology 67 267 20,026 2,003 0% 10,013 2% 156,000,000 36,239,344 23% 318 Escrow 66 625 19,874 1,987 0% 9,937 2% 156,000,000 36,239,344 23% 314 Hebrew and Semitic 65 262 19,628 1,963 0% 9,814 2% 157,000,000 36,297,884 23% 315 Marine Technology 65 260 19,515 1952 0% 9,758 2% 157,500,000 36,297,884 23% 315 Marine Technology 65 260 19,514 1,947 0% 9,757 2% 158,000,000 36,297,884 23% 317 Recreation Assistant 65 258 19,333 1,955 0% 9,767 2% 158,000,000 36,301,733 23% 318 Recreation Assistant 65 228 19,333 1,955 0% 9,476 2% 158,000,000 36,301,733 23% 319 Instrance 62 250 15,740 1,895 0% 9,476 2% 159,000,000 36,301,733 23% 319 Instrance 62 250 15,740 1,895 0% 9,476 2% 159,000,000 36,302,749 23% 319 Instrance 62 250 15,740 1,873 0% 9,365 2% 159,000 36,307,497 23% 320 1,895 1,895 0% 9,476 2% 159,000,000 36,307,497 23% 320 1,895 1,895 0% 9,476 2% 159,000,000 36,307,497 23% 320 1,895 1,895 0% 9,476 2% 159,000,000 36,307,497 23% 320 1,895 1,895 0% 9,476 2% 150,000,000 36,307,497 23% 320 1,895 1,895 0% 9,476 2% 150,000,000 36,307,497 23% 320 1,895 1,895 0% 9,476 2% 150,000,000 36,307,497 23% 320 1,895 1,895 0% 9,476 2% 150,000,000 36,307,497 23% 320 1,895 1,895 0% 9,476 2% 150,000,000 36,307,497 23% 320 1,895 1,895 0% 9,476 2% 150,000,000 36,307,497 23% 320 1,895 1,895 0% 9,476 2% 150,000,000 36,311,151 23% 320 1,895 1,895 0% 9,476 2% 150,000,000 36,311,151 23% 320 1,895 1,895 0% 1,895		**									
314 Hebrew and Semilic 65 262 19,628 1,963 0% 9,937 2% 156,500,000 36,29,932 23% 314 Hebrew and Semilic 65 262 19,628 1,963 0% 9,814 2% 157,500,000 36,29,846 23% 315 Electron Microscopy 65 260 19,515 1,952 0% 9,788 2% 157,500,000 36,29,846 23% 316 Electron Microscopy 65 260 19,474 1,947 0% 9,737 2% 158,000,000 36,29,846 23% 317 Recreation Assistant 65 258 19,353 1,935 0% 9,676 2% 158,500,000 36,303,729 23% 318,951 1,895 0% 9,476 2% 159,000,000 36,303,729 23% 318,951 1,895 0% 9,476 2% 159,000,000 36,303,729 23% 319 insurance Repair 62 250 18,730 1,873 0% 9,365 2% 159,000,000 36,303,729 23% 320 320 320 320 320 320 320 320 320 320	311 Masonry, Tile, Cement, Lath and Plaster	67		20,154	2,015	0%	10,077	2%	155,500,000	36,291,942	
314 Hebrew and Semilic 65 262 19,628 1,963 0% 9,814 2% 157,000,000 36,297,894 23% 315 Marine Technology 65 260 19,515 1,952 0% 9,758 2% 157,500,000 36,299,846 23% 316 Electron Microscopy 65 260 19,474 1,947 0% 9,737 2% 158,000,00 36,301,793 2% 317 Recreation Assistant 65 258 19,353 1,935 0% 9,676 2% 159,500,000 36,303,729 23% 318 Recreation Assistant 65 258 19,353 1,935 0% 9,676 2% 159,500,000 36,303,729 23% 318 Recreation Assistant 65 259 18,730 1,873 0% 9,476 2% 159,000,000 36,305,749 23% 319 Insurance 62 250 18,730 1,873 0% 9,365 2% 159,500,000 36,307,497 23% 320 Appliance Repair 61 245 18,388 1,836 0% 9,179 2% 160,500,000 36,307,497 23% 321 Turfgrass Technology 61 242 18,182 1,818 0% 9,091 2% 160,500,000 36,311,151 23% 322 Medical Laboratory Technology 59 237 17,810 1,781 0% 8,905 2% 161,000,000 36,311,151 23% 324 Medical Laboratory Technology 59 237 17,810 1,781 0% 8,905 2% 161,000,000 36,314,637 22% 324 0ther Library Science 55 222 16,634 1,663 0% 8,317 22 2% 16,500,000 36,314,637 22% 32% 324 Aircraft Electronics (Avionics) 55 222 16,634 1,663 0% 8,317 22 18 16,500,000 36,317,962 22% 328 24 24 328 2	312 Ocean Technology	67	267	20,026	2,003	0%	10,013	2%	156,000,000	36,293,944	23%
31 Marine Technology	313 Escrow	66	265	19,874	1,987	0%	9,937	2%	156,500,000	36,295,932	23%
31 Marine Technology	314 Hebrew and Semitic	65	262	19.628	1.963	0%	9.814	2%	157.000.000	36.297.894	23%
18 Electron Microscopy		65	260		1 952	0%		2%			23%
317 Recreation Assistant 65 258 19,353 1,935 0% 9,676 2% 158,500,000 36,303,729 23% 318 Recreation 63 253 18,951 1,895 0% 9,476 2% 159,000,000 36,303,729 23% 319 Insurance 62 250 18,730 1,873 0% 9,365 2% 159,500,000 36,307,497 23% 320 Appliance Repair 61 245 18,358 1,836 0% 9,179 2% 160,000,000 36,307,497 23% 320 Appliance Repair 61 245 18,358 1,836 0% 9,179 2% 160,000,000 36,303,333 23% 321 VIR 10,000,000 36,300,333 23% 321 VIR 10,000,000 36,300,300,300,300,300,300,300,300,300,3											
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322 Medical Laboratory Technology 59 237 17,810 1,781 0% 8,905 2% 161,000,000 36,312,932 23% 327 Foster and Kinship Care 57 227 17,049 1,705 0% 8,524 2% 161,000,000 36,314,637 22% 324 Other Library Science 55 222 16,634 1,663 0% 8,317 2% 162,000,000 36,316,300 22% 325 Aircraft Electronics (Avionics) 55 222 16,621 1,662 0% 8,310 2% 162,500,000 36,317,962 22% 326 Plastics and Composite 55 229 16,624 1,665 0% 8,227 2% 163,000,000 36,319,607 22% 327 Diving and Underwater Safety 54 218 16,326 1,633 0% 8,163 2% 163,500,000 36,321,400 22% 328 Customer Service 54 218 16,326 1,633 0% 8,027 2% 164,000,000 36,322,845 22% 328 Evolution Service 53 214 16,054 1,605 0% 8,027 2% 164,000,000 36,322,845 22% 328 Evolution Service 53 214 16,014 1,601 0% 8,007 2% 164,000,000 36,322,845 22% 329 Evolution Service 52 207 15,496 1,550 0% 7,748 2% 165,000,000 36,322,846 22% 328 Evolution Store Operations and Management 49 195 14,651 1,465 0% 7,326 1% 165,500,000 36,322,846 22% 328 Elight Attendant 47 187 14,015 1,401 0% 7,007 1% 166,500,000 36,322,870 22% 333 Health Information Coding 47 187 14,015 1,401 0% 7,007 1% 166,500,000 36,332,870 22% 334 Public Works 47 186 13,967 1,397 0% 6,983 1% 167,500,000 36,333,031 22% 335 Aircraft Fabrication 45 182 13,635 1,364 0% 6,818 1% 167,500,000 36,333,031 22% 336 Electro-Neurodiagnostic Technology 44 175 13,135 1,313 0% 6,567 1% 168,000,000 36,333,331 22% 337 Retail Control 42 166 12,455 1,246 0% 6,228 1% 169,000,00 36,337,983 21% 340 Legal Office Technology 37 148 11,085 1,108 0% 5,542 1% 170,000,00 36,337,983 21% 340 Legal Office Technology 37 148 11,085 1,108 0% 5,542 1% 170,000,00 36,337,983 21% 340 Legal Office Technology 37 148 11,085 1,108 0% 5,542 1% 170,000,00 36,337,983 21% 340 Legal Office Technology 37 148 11,085 1,108 0% 5,542 1% 170,000,00 36,337,983 21% 340 Legal Office Technology 37 148 11,085 1,108 0% 5,542 1% 170,000,00 36,337,983 21% 340 Legal Office Technology 37 148 11,085 1,108 0% 5,542 1% 170,000,00 36,337,983 21% 340 Legal Office Technology 37 148 11,085 1,108 0% 5,542 1%	321 Turfgrass Technology	61	242	18,182	1,818	0%	9,091	2%	160,500,000	36,311,151	23%
323 Foster and Kinship Care 57 227 17,049 1,705 0% 8,524 2% 161,500,000 36,314,637 22% 324 Other Library Science 55 222 16,621 1,662 0% 8,317 2% 162,500,000 36,316,300 22% 325 Aircraft Electronics (Avionics) 55 222 16,621 1,662 0% 8,310 2% 162,500,000 36,316,300 22% 326 Plastics and Composites 55 219 16,454 1,645 0% 8,227 2% 163,000,000 36,319,607 22% 327 Diving and Underwater Safety 54 218 16,326 1,633 0% 8,163 2% 163,000,000 36,321,440 22% 328 Customer Service 54 214 16,014 1,601 0% 8,007 2% 164,500,000 36,324,447 22% 329 E-Commerce (Business emphasis) 53 214 15,014 1,601 0%		59	237	17,810		0%	8,905	2%		36,312,932	23%
324 Other Library Science 55 222 16,634 1,663 0% 8,317 2% 162,000,000 36,316,300 22% 325 Aircraft Electronics (Avionics) 55 222 16,621 1,662 0% 8,310 2% 162,000,000 36,317,962 22% 326 Plastics and Composites 55 219 16,654 1,645 0% 8,227 2% 163,000,000 36,312,607 22% 327 Diving and Underwater Safety 54 218 16,326 1,633 0% 8,163 2% 163,500,000 36,321,401 22% 328 Customer Service 54 214 16,054 1,605 0% 8,027 2% 164,500,000 36,322,445 22% 329 E-Commerce (Business emphasis) 53 214 16,014 1,601 0% 8,007 2% 164,500,000 36,322,447 22% 330 Portuguese 52 207 15,496 1,550 0% 7,326 1% 165,500,000 36,322,962 22% <											
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330 Portuguese 52 207 15,496 1,550 0% 7,748 2% 165,000,000 36,325,996 22% 331 Retail Store Operations and Management 49 195 14,651 1,465 0% 7,326 1% 165,000,000 36,325,996 22% 332 Flight Attendant 47 188 14,081 1,408 0% 7,041 1% 166,000,000 36,328,870 22% 333 Health Information Coding 47 187 14,015 1,401 0% 7,007 1% 166,500,000 36,338,701 22% 334 Public Works 47 186 13,967 1,397 0% 6,983 1% 167,000,000 36,331,668 22% 335 Aircraft Fabrication 45 182 13,635 1,364 0% 6,818 1% 167,000,000 36,333,031 22% 336 Electro-Neurodiagnostic Technology 44 175 13,135 1,313 0% <td< td=""><td>329 E-Commerce (Business emphasis)</td><td>53</td><td>214</td><td>16,014</td><td>1,601</td><td>0%</td><td>8,007</td><td>2%</td><td>164,500,000</td><td>36,324,447</td><td>22%</td></td<>	329 E-Commerce (Business emphasis)	53	214	16,014	1,601	0%	8,007	2%	164,500,000	36,324,447	22%
331 Retail Store Operations and Management 49 195 14,651 1,465 0% 7,326 1% 165,500,000 36,327,462 22% 332 Flight Attendant 47 188 14,081 1,408 0% 7,041 1% 166,000,000 36,328,870 22% 333 Health Information Coding 47 187 14,015 1,401 0% 7,007 1% 166,000,000 36,330,271 22% 334 Public Works 47 186 13,967 1,337 0% 6,983 1% 167,000,000 36,331,668 22% 335 Aircraft Fabrication 45 182 13,635 1,364 0% 6,818 1% 167,500,000 36,331,631 22% 336 Electro-Neurodiagnostic Technology 44 175 13,135 1,313 0% 6,567 1% 168,000,000 36,334,345 22% 337 Resort and Club Management 43 170 12,759 1,276 0% 6,379 1% 168,000,000 36,335,621 22% 338 Air Traffic Control 42 166 12,455 1,246 0% 6,228 1% 169,000,000 36,335,866 22% 339 Laser and Optical Technology 37 148 11,085 1,108 0% 5,582 1% 169,000,000 36,337,983 21% 340 Legal Office Technology 37 148 11,085 1,108 0% 5,542 1% 170,000,000 36,339,091 21%		52	207	15.496	1.550	0%	7.748	2%	165.000.000	36.325.996	22%
332 Flight Attendant 47 188 14,081 1,408 0% 7,041 1% 166,000,000 36,328,870 22% 333 Health Information Coding 47 187 14,015 1,401 0% 7,007 1% 166,000,000 36,330,271 22% 334 Public Works 47 186 13,967 1,397 0% 6,983 1% 167,000,000 36,331,668 22% 335 Aircraft Fabrication 45 182 13,635 1,364 0% 6,818 1% 167,000,000 36,333,031 22% 336 Electro-Neurodiagnostic Technology 44 175 13,135 1,313 0% 6,567 1% 168,000,000 36,334,345 22% 337 Resort and Club Management 43 170 12,759 1,276 0% 6,379 1% 168,000,000 36,335,661 22% 338 Laser and Optical Technology 37 149 11,163 1,116 0%											
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334 Public Works 47 186 13,967 1,397 0% 6,983 1% 167,000,000 36,331,668 22% 355 Aircraft Fabrication 45 182 13,635 1,364 0% 6,818 1% 167,500,000 36,333,031 22% 36 Electro-Neurodiagnostic Technology 44 175 13,135 1,313 0% 6,567 1% 168,000,000 36,334,445 22% 37 Resort and Club Management 43 170 12,759 1,276 0% 6,379 1% 168,000,000 36,334,45 22% 37 Resort and Club Management 42 166 12,455 1,246 0% 6,28 1% 169,000,000 36,336,866 22% 38 Laser and Optical Technology 37 149 11,163 1,116 0% 5,582 1% 169,000,000 36,337,993 21% 340 Legal Office Technology 37 148 11,085 1,108 0% 5,542 1% 170,000,000 36,339,091 21%	0										
335 Aircraft Fabrication 45 182 13,635 1,364 0% 6,818 1% 167,500,000 36,333,031 22% 336 Electro-Neurodiagnostic Technology 44 175 13,135 1,313 0% 6,567 1% 168,000,000 36,334,345 22% 337 Resort and Club Management 43 170 12,759 1,276 0% 6,379 1% 168,500,000 36,335,621 22% 338 Air Traffic Control 42 166 12,455 1,246 0% 6,228 1% 169,000,000 36,335,866 22% 339 Laser and Optical Technology 37 149 11,163 1,116 0% 5,582 1% 169,500,000 36,337,983 21% 340 Legal Office Technology 37 148 11,085 1,108 0% 5,542 1% 170,000,000 36,339,091 21%											
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338 Air Traffic Control 42 166 12,455 1,246 0% 6,228 1% 169,000,000 36,336,866 22% 339 Laser and Optical Technology 37 149 11,163 1,116 0% 5,582 1% 169,500,000 36,337,983 21% 340 Legal Office Technology 37 148 11,085 1,108 0% 5,542 1% 170,000,000 36,339,091 21%	336 Electro-Neurodiagnostic Technology	44	175	13,135	1,313	0%	6,567	1%	168,000,000	36,334,345	22%
338 Air Traffic Control 42 166 12,455 1,246 0% 6,228 1% 169,000,000 36,336,866 22% 339 Laser and Optical Technology 37 149 11,163 1,116 0% 5,582 1% 169,500,000 36,337,983 21% 340 Legal Office Technology 37 148 11,085 1,108 0% 5,542 1% 170,000,000 36,339,091 21%		43	170	12,759		0%		1%		36,335,621	22%
339 Laser and Optical Technology 37 149 11,163 1,116 0% 5,582 1% 169,500,000 36,337,983 21% 340 Legal Office Technology 37 148 11,085 1,108 0% 5,542 1% 170,000,000 36,339,091 21%											
340 Legal Office Technology 37 148 11,085 1,108 0% 5,542 1% 170,000,000 36,339,091 21%											
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341 Electro-Mechanical reciniology 35 141 10,572 1,057 0% 5,286 1% 170,500,000 36,340,148 21%											
	341 Electro-Mechanical Technology	35	141	10,572	1,057	υ%	5,286	1%	170,500,000	30,340,148	21%

342 Radiation Therapy Technician	34	138	10,326	1,033	0%	5,163	1%	171,000,000	36,341,181	21%
343 International Studies	34	138	10,320	1,032	0%	5,160	1%	171,500,000	36,342,213	21%
344 Public Relations	34	137	10,285	1,029	0%	5,143	1%	172,000,000	36,343,241	21%
345 Aviation and Airport Management and Services	32	128	9,563	956	0%	4,781	1%	172,500,000	36,344,198	21%
346 Community Health Care Worker	29	116	8,678	868	0%	4,339	1%	173,000,000	36,345,066	21%
347 Learning Skills, Speech Impaired	28	111	8,343	834	0%	4,172	1%	173,500,000	36,345,900	21%
348 Nursery Technology	27	110	8,240	824	0%	4,120	1%	174,000,000	36,346,724	21%
349 Railroad and Light Rail Operations	27	107	8,013	801	0%	4,007	1%	174,500,000	36,347,525	21%
350 Alternative Fuels and Advanced Transportation Technology	27	106	7,950	795	0%	3,975	1%	175,000,000	36,348,320	21%
351 Office Management	25	99	7,414	741	0%	3,707	1%	175,500,000	36,349,062	21%
352 Aviation and Airport Management	22	86	6,486	649	0%	3,243	1%	176,000,000	36,349,710	21%
353 Display	21	85	6,402	640	0%	3,201	1%	176,500,000	36,350,351	21%
354 Consumer Services	21	83	6,258	626	0%	3,129	1%	177,000,000	36,350,976	21%
355 Industrial Quality Control	20	82	6.123	612	0%	3,062	1%	177,500,000	36.351.589	20%
356 Disability Services	18	73	5,465	546	0%	2,732	1%	178,000,000	36,352,135	20%
357 Laboratory Science Technology	18	73	5,462	546	0%	2,731	1%	178,500,000	36,352,681	20%
358 Energy Systems Technology	18	73	5,441	544	0%	2,721	1%	179,000,000	36,353,225	20%
359 Other Agriculture and Natural Resources	17	69	5,170	517	0%	2,585	1%	179,500,000	36,353,742	20%
360 Wildlife and Fisheries	17	68	5,070	507	0%	2,535	1%	180,000,000	36,354,249	20%
361 Other Law	16	66	4,915	492	0%	2,458	0%	180,500,000	36,354,741	20%
362 Health Facility Unit Coordinator	16	66	4,913	491	0%	2,458	0%	181,000,000	36,355,232	20%
363 Hospital Central Service Technician	16	63	4,732	473	0%	2,366	0%	181,500,000	36,355,705	20%
364 Roofing	13	53	3,938	394	0%	1,969	0%	182,000,000	36,356,099	20%
· ·	13	52			0%					
365 Landscape Architecture (Transfer)	13	48	3,921 3,611	392 361	0%	1,960	0%	182,500,000	36,356,491	20%
366 Military Science			-,-			1,806		183,000,000	36,356,853	
367 Industrial and Transportation Security	11	45	3,339	334	0%	1,669	0%	183,500,000	36,357,186	20%
368 Industrial and Occupational Safety and Health	10	41	3,091	309	0%	1,545	0%	184,000,000	36,357,495	20%
369 Other Architecture and Environmental Design	10	41	3,086	309	0%	1,543	0%	184,500,000	36,357,804	20%
370 General Studies	10	40	2,974	297	0%	1,487	0%	185,000,000	36,358,101	20%
371 Agricultural Pest Control Adviser and Operator (Licensed)	9	37	2,753	275	0%	1,377	0%	185,500,000	36,358,377	20%
372 Industrial Arts (Transfer)	9	36	2,665	266	0%	1,332	0%	186,000,000	36,358,643	20%
373 Purchasing	8	33	2,469	247	0%	1,234	0%	186,500,000	36,358,890	19%
374 Language Arts	7	28	2,109	211	0%	1,054	0%	187,000,000	36,359,101	19%
375 Civil Drafting	7	28	2,083	208	0%	1,041	0%	187,500,000	36,359,309	19%
376 Dairy Science	7	26	1,975	197	0%	987	0%	188,000,000	36,359,507	19%
377 Humanities and Social Sciences	6	26	1,944	194	0%	972	0%	188,500,000	36,359,701	19%
378 Electrical, Electronic, and Electro-Mechanical Drafting	5	22	1,623	162	0%	811	0%	189,000,000	36,359,863	19%
379 Food Processing and Related Technologies	5	20	1,525	153	0%	763	0%	189,500,000	36,360,016	19%
380 Environmental Sciences and Technologies, Other	4	14	1,061	106	0%	530	0%	190,000,000	36,360,122	19%
381 School Health Clerk	3	12	881	88	0%	441	0%	190,500,000	36,360,210	19%
382 Greek	3	12	864	86	0%	432	0%	191,000,000	36,360,297	19%
383 Artificial Inseminator (Licensed)	2	10	742	74	0%	371	0%	191,500,000	36,360,371	19%
384 Vacuum Technology	2	9	699	70	0%	350	0%	192,000,000	36,360,441	19%
385 Polysomnography	2	8	612	61	0%	306	0%	192,500,000	36,360,502	19%
386 Hospital and Health Care Administration	2	8	586	59	0%	293	0%	193,000,000	36,360,560	19%
387 Humanities	2	7	525	52	0%	262	0%	193,500,000	36,360,613	19%
388 Instrumentation Technology	2	7	494	49	0%	247	0%	194,000,000	36,360,662	19%
389 Dental Occupations	2	6	473	47	0%	236	0%	194,500,000	36,360,710	19%
390 Public Administration	1	4	313	31	0%	157	0%	195,000,000	36,360,741	19%
391 Glazing	1	3	242	24	0%	121	0%	195,500,000	36,360,765	19%
392 Dry Cleaning	1	3	219	22	0%	110	0%	196,000,000	36,360,787	19%
393 Truck and Bus Driving	1	3	211	21	0%	105	0%	196,500,000	36,360,808	19%
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