

Market Analysis for Dental Hygiene

*Prepared by the Office of Research
Teaming to Serve Research Needs of the College
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Introduction

There are five local two-year colleges that compete with Harper College's Dental Hygiene program. Included in this report is a list of competitor colleges that offer a similar program. In addition, local, state, and national employment projections and wage data for related positions are provided. The list of competitor colleges within a 50 mile radius was obtained through the IPEDS – COOL website (<http://www.nces.ed.gov/ipeds/cool>) and college-specific program information was obtained from each identified college's website.

Table 1: Dental Hygiene Competitor Colleges (within 50 mile radius)

Major Competitor	Length of Program	Credit hour
Kennedy-King College (City College of Chicago) – Chicago, IL	AAS – Dental Hygiene, 72 credits.	\$72/credit; \$189.95/credit (out-of-district)
College of DuPage – Glen Ellyn, IL	AAS – Dental Hygiene, 83 credits.	\$103/credit; \$292/credit (out-of-district)
College of Lake County – Grayslake, IL	AAS – Dental Hygiene, 80 credits.	\$90/credit; \$215/credit (out-of-district)
Elgin Community College – Elgin, IL	Certificate – Clinical Dental Assisting, 36 credits. Basic	\$91/credit; \$359.30/credit (out-of-district)
	Certificate – Preclinical Dental Assisting, 14 credits. Basic	
	Certificate – Dental Office Aide, 13 credits.	
Prairie State College – Chicago Heights, IL	AAS – Dental Hygiene, 83 credits.	\$87/credit; \$244/credit (out-of-district)

Table 2: Dental Hygiene Employment Projections

Chicago PMSA*		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupational Title	2004 Number	2014 Number	2004 – 2014 Number	% Change	Due to New	Due to Replacements	Average Yearly Total
29-2021	Dental Hygienists	3,101	4,256	1,155	37.24	115	26	141
31-9091	Dental Assistants	8,151	11,171	3,020	37.05	302	228	530
51-9081	Dental Laboratory Technicians	806	722	-84	-10.41	-8	18	10
Cook County*		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupational Title	2004 Number	2014 Number	2004 – 2014 Number	% Change	Due to New	Due to Replacements	Average Yearly Total
29-2021	Dental Hygienists	1,981	2,758	777	39.22	78	17	95
31-9091	Dental Assistants	5,219	7,248	2,030	38.89	203	146	349
51-9081	Dental Laboratory Technicians	602	525	-77	-12.75	-8	13	5
DuPage County*		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupational Title	2004 Number	2014 Number	2004 – 2014 Number	% Change	Due to New	Due to Replacements	Average Yearly Total
29-2021	Dental Hygienists	538	760	222	41.15	22	5	27
31-9091	Dental Assistants	1,409	1,990	581	41.21	58	39	97
51-9081	Dental Laboratory Technicians	76	75	-1	-1.87	0	2	2
Lake County*		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupational Title	2004 Number	2014 Number	2004 – 2014 Number	% Change	Due to New	Due to Replacements	Average Yearly Total
29-2021	Dental Hygienists	317	453	135	42.58	14	3	17
31-9091	Dental Assistants	835	1,188	353	42.30	35	23	58
51-9081	Dental Laboratory Technicians	191	176	-16	-8.10	-2	4	2

*Employment projections are from <http://www.ilworkinfo.com>

Table 2: Continued

McHenry County*		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupational Title	2004 Number	2014 Number	2004 – 2014 Number	% Change	Due to New	Due to Replacements	Average Yearly Total
29-2021	Dental Hygienists	138	175	37	27.19	4	1	5
31-9091	Dental Assistants	358	455	97	27.17	10	10	20
51-9081	Dental Laboratory Technicians	39	37	-2	-5.09	0	1	1
Statewide*		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupation Title	2004 Number	2014 Number	2004 – 2014 Number	% Change	Due to New	Due to Replacements	Average Yearly Total
29-2021	Dental Hygienists	4,726	6,382	1,656	35.04	166	40	206
31-9091	Dental Assistants	12,447	16,782	4,335	34.83	434	348	782
51-9081	Dental Laboratory Technicians	1,238	1,131	-107	-8.64	0	27	27
National**		Employment		Employment Change		Average Yearly Job Openings		
SOC CODE	Occupational Title	2004 Number	2014 Number	2004 – 2014 Change	% Change	Due to New	Due to Replacements	Average Yearly Total***
29-2021	Dental Hygienists	157,803	226,163	68,360	43.3	N/A	N/A	8,000
31-9091	Dental Assistants	267,436	381,747	114,311	42.7	N/A	N/A	19,000
51-9081	Dental Laboratory Technicians	50,336	54,167	3,831	7.6	N/A	N/A	1,000

*Employment projections are from <http://www.ilworkinfo.com>

**Employment projections are from <http://www.bls.gov>

***Estimate of average yearly job opening due to new jobs and net replacement needs.

Table 3: Dental Hygiene Wage Data

Chicago PMSA*							
SOC CODE	Occupational Title	Entry Wage		Median Wage		Experienced Wage	
		Hourly	Annual	Hourly	Annual	Hourly	Annual
29-2021	Dental Hygienists	\$27.32	\$56,820	\$31.70	\$65,927	\$32.96	\$68,567
31-9091	Dental Assistants	\$10.76	\$22,385	\$14.75	\$30,679	\$16.37	\$34,041
51-9081	Dental Laboratory Technicians	\$10.00	\$20,806	\$15.14	\$31,479	\$18.87	\$39,247
Cook County*							
SOC CODE	Occupational Title	Entry Wage		Median Wage		Experienced Wage	
		Hourly	Annual	Hourly	Annual	Hourly	Annual
29-2021	Dental Hygienists	\$27.10	\$56,364	\$31.57	\$65,657	\$32.73	\$68,087
31-9091	Dental Assistants	\$11.57	\$24,057	\$15.50	\$32,239	\$17.05	\$35,455
51-9081	Dental Laboratory Technicians	\$9.48	\$19,715	\$13.34	\$27,749	\$17.30	\$36,001
DuPage County*							
SOC CODE	Occupational Title	Entry Wage		Median Wage		Experienced Wage	
		Hourly	Annual	Hourly	Hourly	Annual	Hourly
29-2021	Dental Hygienists	\$31.00	\$64,482	\$37.38	\$77,751	\$39.54	\$82,235
31-9091	Dental Assistants	\$14.67	\$30,518	\$16.42	\$34,143	\$17.24	\$35,868
51-9081	Dental Laboratory Technicians	N/A	N/A	N/A	N/A	N/A	N/A
Lake County*							
SOC CODE	Occupational Title	Entry Wage		Median Wage		Experienced Wage	
		Hourly	Annual	Hourly	Hourly	Annual	Hourly
29-2021	Dental Hygienists	\$26.63	\$55,403	\$37.43	\$77,843	\$39.22	\$81,575
31-9091	Dental Assistants	\$12.45	\$25,899	\$15.75	\$32,752	\$17.37	\$36,134
51-9081	Dental Laboratory Technicians	N/A	N/A	N/A	N/A	N/A	N/A

*State wage information from <http://www.ilworkinfo.com> (as of 1st quarter of 2006)

Table 3: Continued

McHenry County*							
SOC CODE	Occupational Title	Entry Wage		Median Wage		Experienced Wage	
		Hourly	Annual	Hourly	Annual	Hourly	Annual
29-2021	Dental Hygienists	N/A	N/A	N/A	N/A	N/A	N/A
31-9091	Dental Assistants	N/A	N/A	N/A	N/A	N/A	N/A
51-9081	Dental Laboratory Technicians	N/A	N/A	N/A	N/A	N/A	N/A
Statewide*							
SOC CODE	Occupational Title	Entry Wage		Median Wage		Experienced Wage	
		Hourly	Annual	Hourly	Hourly	Annual	Hourly
29-2021	Dental Hygienists	\$22.48	\$46,758	\$30.43	\$63,301	\$33.28	\$69,220
31-9091	Dental Assistants	\$10.44	\$21,719	\$14.38	\$29,927	\$16.00	\$33,287
51-9081	Dental Laboratory Technicians	\$9.47	\$19,709	\$14.01	\$29,138	\$18.38	\$38,241
National**							
SOC CODE	Occupational Title	Median Hourly	Mean Hourly	Mean Annual	Mean RSE***		
29-2021	Dental Hygienists	\$30.19	\$30.01	\$62,430	0.6%		
31-9091	Dental Assistants	\$14.53	\$14.83	\$30,850	0.5%		
51-9081	Dental Laboratory Technicians	\$15.67	\$16.79	\$34,910	1.0%		

*State wage information from <http://www.ilworkinfo.com> (as of 1st quarter of 2006)

**National wage information from <http://www.bls.gov> (as of May 2006)

***RSE – Relative Standard Error