

Economic Development and Employer Planning System (EDEPS)

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EDEPS is an analytical tool for business, education, workforce, and economic planners.

EDEPS *ECONOMIC DEVELOPMENT and EMPLOYER PLANNING SYSTEM*

The Economic Development and Employer Planning System (EDEPS) is an analytical tool for business, education, workforce and economic planners. EDEPS facilitates the analysis of economic health, industry performance, population trends, labor supply and demand, training resources, income characteristics, and market potential.

OCCUPATIONAL SUPPLY DEMAND (OSD)



INDUSTRY AND MARKET AREA PROFILES

- [Industry Trends](#)
- [Staffing Patterns: Occupational/Industry Employment Profiles](#)
- [Population Profiles and Trends](#)
- [Housing](#)

LABOR AND TRAINING RESOURCES

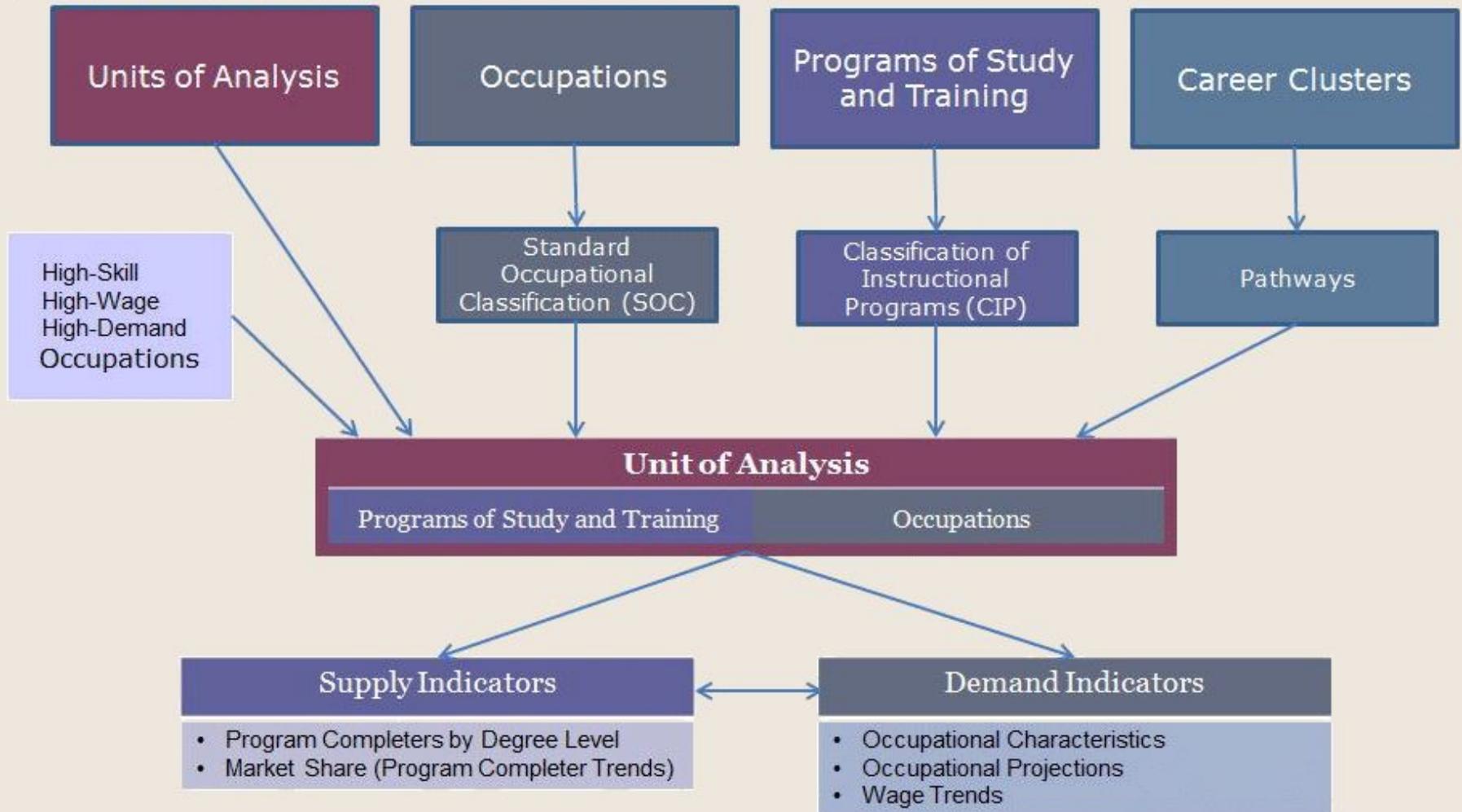
- [Completers of Programs of Study](#)
- [Wage Trends](#)

HIGH SKILL, HIGH WAGE, AND HIGH DEMAND OCCUPATIONS

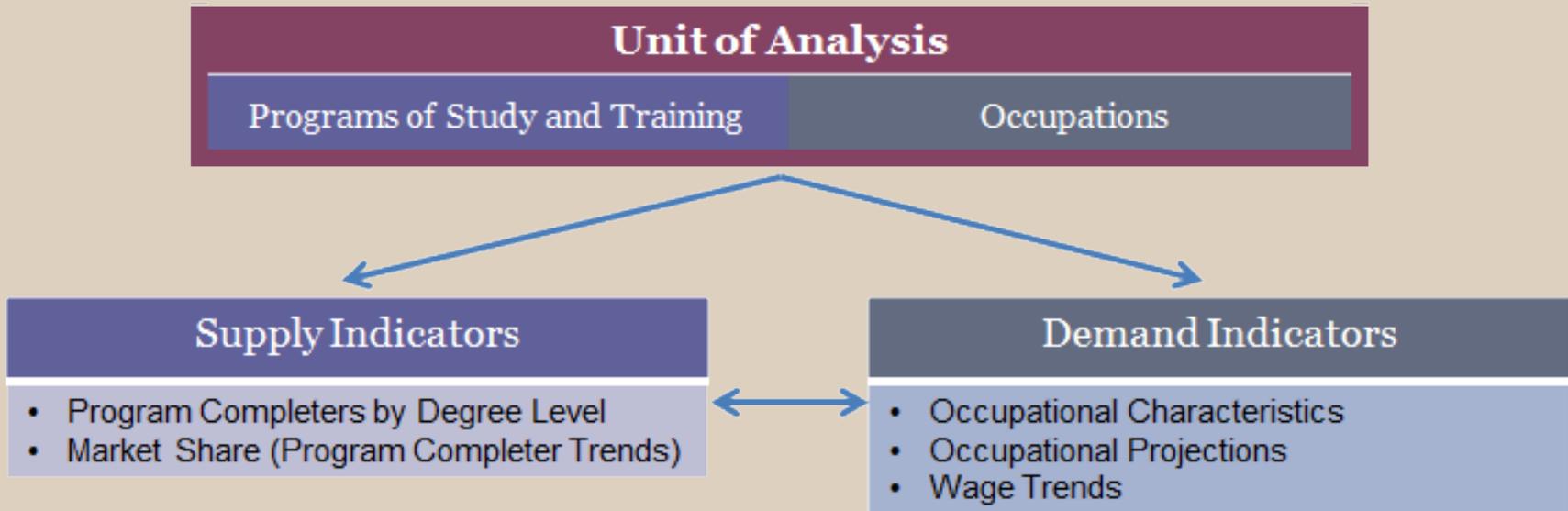
- [National Information Approach](#)

Occupational Supply Demand Overview

OCCUPATIONAL SUPPLY DEMAND (OSD)



- Units of Analysis contain clusters of related occupations and training programs
- A Unit of Analysis is a starting point for comparing the relative abundance of trained workers related to the demand for those workers



EDEPS contains national, state, and sub-state data

- **Supply Indicators**

- Programs and Schools
- Program Completers by Degree Level
- Program Completers by School and Gender

- **Demand Indicators**

- Occupational Characteristics
- Occupational Employment Projections
- Wage Trends
- Occupational Employment by Industry

Unit of Analysis

EDEPS ECONOMIC DEVELOPMENT and EMPLOYER PLANNING SYSTEM

[Home](#) > [Select Unit of Analysis by Occupation](#) > Unit of Analysis

OCCUPATIONAL SUPPLY DEMAND

Supply Indicators

Demand Indicators

Unit of Analysis

5135A DENTAL HYGIENE

Program(s) of Study and Training

Occupation(s)

51.0602 Dental Hygiene/Hygienist [⚡]

29-2021 Dental Hygienists [⚡]

A program that prepares individuals to clean teeth and apply preventive materials, provide oral health education and treatment counseling to patients, identify oral pathologies and injuries, and manage dental hygiene practices. Includes instruction in dental anatomy, microbiology, and pathology; dental hygiene theory and techniques; cleaning equipment operation and maintenance; dental materials; radiology; patient education and counseling; office management; supervised clinical training; and professional standards.

Clean teeth and examine oral areas, head, and neck for signs of oral disease. May educate patients on oral hygiene, take and develop x rays, or apply fluoride or sealants.

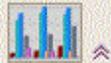
OCCUPATIONAL SUPPLY DEMAND
Unit of Analysis: 5135A DENTAL HYGIENE



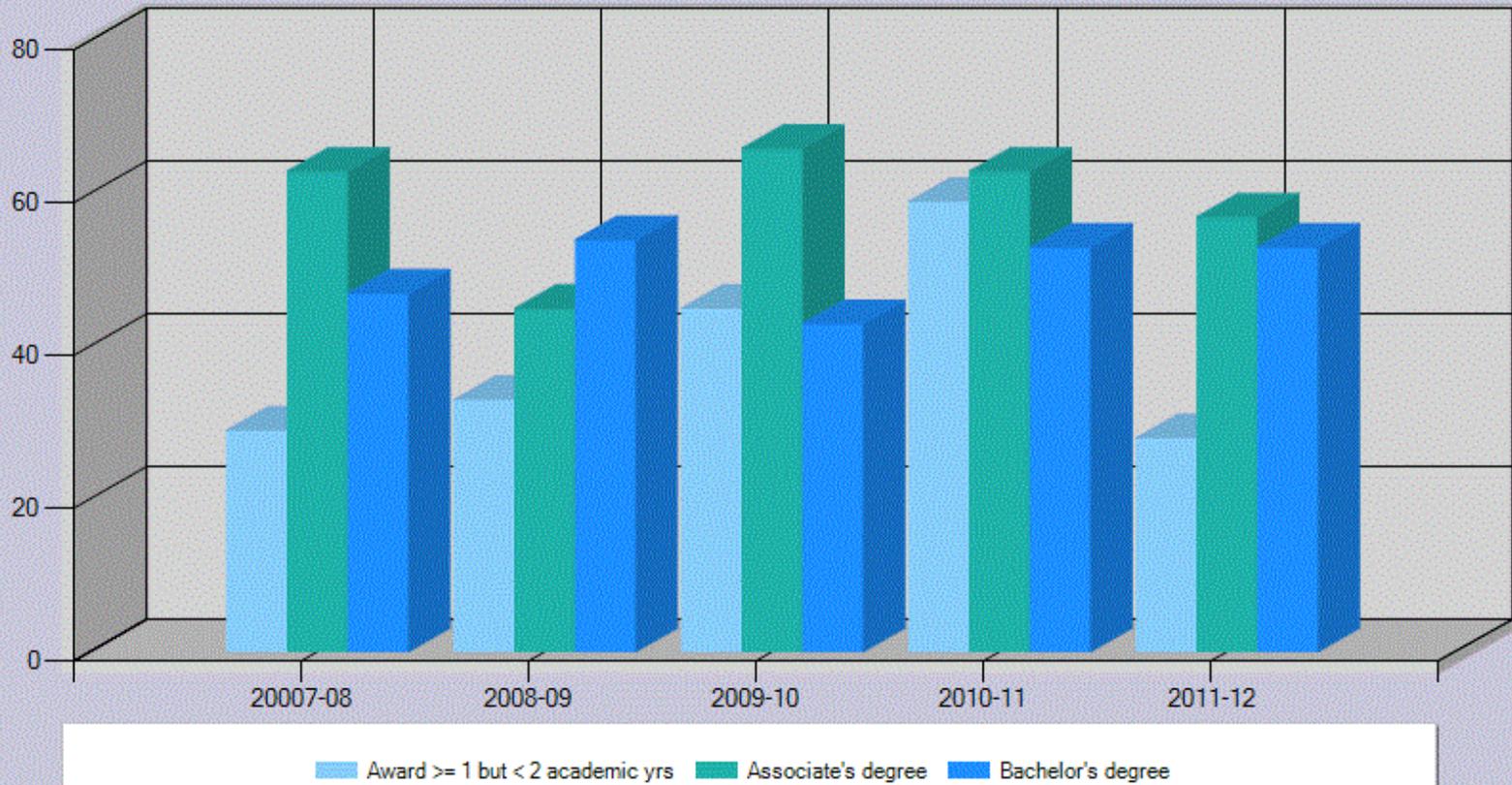
51.0602 Dental Hygiene/Hygienist (Kentucky)																	
Market Share			Program Completers														
			2007-08			2008-09			2009-10			2010-11			2011-12		
Institution			M	W	Total	M	W	Total	M	W	Total	M	W	Total	M	W	Total
Award at least 1 but less than 2 academic years																	
1	Bluegrass Community and Technical College		0	18	18	0	20	20	0	29	29	0	32	32	0	16	16
2	West Kentucky Community and Technical College		0	11	11	0	13	13	0	16	16	0	27	27	1	11	12
Subtotal			0	29	29	0	33	33	0	45	45	0	59	59	1	27	28
Associate's degree																	
1	Big Sandy Community and Technical College		0	14	14	0	10	10	0	13	13	0	14	14	0	13	13
2	Bluegrass Community and Technical College		0	23	23	0	19	19	0	25	25	0	24	24	1	21	22
3	Henderson Community College		0	11	11	0	8	8	0	13	13	0	11	11	0	12	12
4	Owensboro Community and Technical College		0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
5	Somerset Community College		0	0	0	0	0	0	0	0	0	0	1	1	0	0	0
6	Western Kentucky University		0	15	15	0	8	8	2	13	15	0	12	12	0	10	10
Subtotal			0	63	63	0	45	45	2	64	66	0	63	63	1	56	57
Bachelor's degree																	
1	University of Louisville		0	34	34	1	31	32	0	28	28	1	28	29	0	26	26
2	Western Kentucky University		1	12	13	0	22	22	0	15	15	0	24	24	1	26	27
Subtotal			1	46	47	1	53	54	0	43	43	1	52	53	1	52	53
Program Completer Total			1	138	139	1	131	132	2	152	154	1	174	175	3	135	138

Institution	Metropolitan/Micropolitan Statistical Area
Big Sandy Community and Technical College	
Bluegrass Community and Technical College	Lexington-Fayette, KY
Henderson Community College	Evansville, IN-KY
Owensboro Community and Technical College	Owensboro, KY
Somerset Community College	Somerset, KY
University of Louisville	Louisville/Jefferson County, KY-IN
West Kentucky Community and Technical College	Paducah, KY-IL
Western Kentucky University	Bowling Green, KY

OCCUPATIONAL SUPPLY DEMAND
Unit of Analysis: 5135A DENTAL HYGIENE



Program Completers: 51.0602 Dental Hygiene/Hygienist (Kentucky)



OCCUPATIONAL SUPPLY DEMAND
Unit of Analysis: 5135A DENTAL HYGIENE

Kentucky Statewide

Occupational Characteristics Kentucky/United States							
		Kentucky		United States			
SOC Code	Occupation	Growth Rate 2010-20	Median Annual Wage	Typical Education	Work Experience	Typical Training	Pct Self Empl
29-2021	Dental Hygienists	Much faster than average	\$56,460	Associate's degree	None	None	1.6%

• Long-term OJT (on-the-job training): more than 1 year • Moderate-term OJT: 1-12 months • Short-term OJT: 1 month or less

Occupational Projections Kentucky						
		Employment		Change 2010-20		Average
SOC Code	Occupation	Base 2010	Proj 2020	Number	Percent	Annual Openings
29-2021	Dental Hygienists	1,690	2,280	590	34.9%	90

Wage Trends (Median) Kentucky							
		Median Annual Wage					Change
SOC Code	Occupation	2008	2009	2010	2011	2012	2008 to 2012
29-2021	Dental Hygienists	\$56,170	\$56,140	\$56,000	\$56,470	\$56,460	.5%
Benchmarks for Wage Trends (all occupations)		2008	2009	2010	2011	2012	Change 2008 to 2012
Kentucky Median Wage		\$29,370	\$29,920	\$30,090	\$30,420	\$30,740	4.7%
Kentucky Mean Wage		\$36,390	\$37,370	\$37,970	\$38,640	\$38,940	7.0%
Kentucky Mean Wage RSE		0.7%	0.6%	0.6%	0.5%	0.6%	
National Median Wage		\$32,390	\$33,190	\$33,840	\$34,460	\$34,750	7.3%
National Mean Wage		\$42,270	\$43,460	\$44,410	\$45,230	\$45,790	8.3%
National Mean Wage RSE		0.1%	0.1%	0.1%	0.1%	0.1%	
National Consumer Price Index C-CPI-U		124.4	123.9	125.6	129.5	131.8	5.6%

Wage Trends (Mean) Kentucky												
		Mean Annual Wage					Change	Relative Standard Error of the Mean Annual Wage				
SOC Code	Occupation	2008	2009	2010	2011	2012	2008 to 2012	2008	2009	2010	2011	2012
29-2021	Dental Hygienists	\$55,630	\$55,690	\$56,050	\$57,020	\$56,840	2.2%	1.7%	2.1%	2.4%	2.4%	2.2%

Related National Information (external links)

Occupation	OOH
Dental Hygienists	How to Become One Job Outlook

OOH (Occupational Outlook Handbook)

• Bright Outlook occupation (O*NET data definition)

High-Skill, High-Wage, and High-Demand Occupations Planning and Reporting Requirements – Perkins IV

- There are many references to “high-skill, high-wage or high-demand occupations” as contained in the State Plan Guide and in the Consolidated Annual Report Instrument and Instructions pertaining to the *Carl D. Perkins Career and Technical Education Act of 2006*
- EDEPS links high-skill, high-wage, and high-demand occupations to supply/demand information

HIGH SKILL, HIGH WAGE, AND HIGH DEMAND OCCUPATIONS (UNITED STATES)

 Selection Criteria ▾

High Skill Criteria

283 High Skill Occupations

A minimum entry level educational requirement of:

- Some college, no degree or greater
 Postsecondary non-degree award or greater
 Associate's degree or greater

OR Typical on-the-job training (OJT) needed to attain competency in the occupation

Internship/residency Apprenticeship

Other OJT:

- Short-term OJT (1 month or less) or more
 Moderate-term OJT (1 to 12 months) or more
 Long-term OJT (more than 12 months)

OR At least half of the 10 basic O*NET skills for this occupation are ranked at or above 50% in importance and at least 5 of the other O*NET skills required for this occupation are at or above 50% in importance

High Wage Criteria

546 High Wage Occupations

the median annual wage for the occupation is greater than the median annual wage for all occupations

the median annual wage for the occupation is greater than the 75th percentile annual wage for all occupations

High Demand Criteria

275 High Demand Occupations

the average projected annual job growth rate for the occupation is greater than the average projected annual job growth rate for all occupations

High Skill, High Wage, and High Demand Occupations (United States)

SOC Code	SOC Title ▾	High Skill	High Wage	High Demand
13-2011	Accountants and Auditors	✓	✓	✓
27-2011	Actors		N/A	
15-2011	Actuaries	✓	✓	✓
51-9191	Adhesive Bonding Machine Operators and Tenders			
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	✓	✓	
11-3011	Administrative Services Managers		✓	✓
25-3011	Adult Basic and Secondary Education and Literacy Teachers and Instructors	✓	✓	✓
11-2011	Advertising and Promotions Managers	✓	✓	
41-3011	Advertising Sales Agents		✓	
17-3021	Aerospace Engineering and Operations Technicians	✓	✓	
17-2011	Aerospace Engineers	✓	✓	
13-1011	Agents and Business Managers of Artists, Performers, and Athletes	✓	✓	

If there are any questions or comments about EDEPS or high-skill, high-wage, and high-demand occupations, please contact:

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