



# Education Report

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## Interior Design

California

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# Definition of Interior Design, CIP 50.0408

A program in the applied visual arts that prepares individuals to apply artistic principles and techniques to the professional planning, designing, equipping, and furnishing of residential and commercial interior spaces. Includes instruction in computer applications, drafting, and graphic techniques; principles of interior lighting, acoustics, systems integration, and color coordination; furniture and furnishings; textiles and their finishing; the history of interior design and period styles; basic structural design; building codes and inspection regulations; and applications to office, hotel, factory, restaurant and housing design.

# Awards

The table below is a list of postsecondary awards in CIP 50.0408 that were granted by institutions located in California in the 2021 academic year.

Schools	Certs & 2yr Awards <sup>1</sup>	4yr Awards <sup>2</sup>	Post-Grad Awards <sup>3</sup>	Avg Net Price <sup>4</sup>
San Francisco State University		61		\$13,641
Interior Designers Institute	38	13		
West Valley College	49			\$6,890
Saddleback College	46			\$7,918
Orange Coast College	41			\$6,836
California State University-Long Beach		36		\$9,171
Mt San Antonio College	36			\$5,774
Palomar College	35			\$6,659
FIDM-Fashion Institute of Design & Merchandising-Los Angeles	29	4		\$41,070
Canada College	32			\$5,923
Santa Monica College	31			\$6,380
Chaffey College	29			\$13,939
San Jose State University		27		\$14,603
College of the Canyons	26			\$6,400
San Diego Mesa College	25			\$7,663
Newschool of Architecture and Design		19		\$48,752
Design Institute of San Diego		18		\$34,113
California State University-Fresno		17		\$6,336
San Joaquin Delta College	17			\$17,503
Fullerton College	16			\$11,191
California College of the Arts		15		\$40,231
Santa Barbara City College	13			\$14,000
City College of San Francisco	12			\$9,261
Las Positas College	12			\$7,675
Santa Rosa Junior College	12			\$9,220
American River College	11			\$8,101
FIDM-Fashion Institute of Design & Merchandising-San Francisco	8			\$31,404
Los Angeles Mission College	8			\$12,798
California State University-Sacramento		7		\$7,778
Chabot College	6			\$8,576
Ohlone College	3			\$12,787
Allan Hancock College	2			\$6,629

Schools	Certs & 2yr Awards <sup>1</sup>	4yr Awards <sup>2</sup>	Post-Grad Awards <sup>3</sup>	Avg Net Price <sup>4</sup>
Antelope Valley Community College District	1			\$6,203
Modesto Junior College	1			\$14,421
Butte College				\$10,736
California Baptist University				\$23,494
College of Marin				\$7,717
Cuesta College				\$14,586
Irvine Valley College				\$4,860
Long Beach City College				\$6,550
Monterey Peninsula College				\$12,007
Moorpark College				\$4,856
Solano Community College				\$5,950
<b>Total</b>	<b>539</b>	<b>217</b>	<b>0</b>	

1. Undergraduate certificates and associate's degrees

2. Bachelor's degrees and post-baccalaureates

3. Master's, post-master's, and doctorates

4. Average net price represents full-time beginning undergraduate students who paid the in-state or in-district tuition rate and were awarded grant or scholarship aid from federal, state or local governments, or the institution. Data as of the 2020-2021 academic year.

Awards data are per the National Center for Education Statistics (NCES) and JobsEQ for the 2021 academic year. Any programs shown here reflect only data reported to the NCES; reporting is required of all schools participating in any federal finance assistance program authorized by Title IV of the Higher Education Act of 1965, as amended—other training providers in the region that do not report data to the NCES are not reflected in the above.

# Occupation Crosswalk

The below table lists all occupations linked with the program, Interior Design, CIP 50.0408.

		Education and Training Requirements			Educational Attainment				
		Typical Education Needed for Entry	Work Experience in a Related Occupation	Typical On-the-Job Training Needed to Attain Competency in the Occupation	No College	Some College, No Degree	Associate's Degree	Bachelor's Degree	Postgraduate Degree
25-1031	Architecture Teachers, Postsecondary	Doctoral or professional degree	None	None	1%	1%	1%	14%	83%
27-1025	Interior Designers	Bachelor's degree	None	None	4%	8%	9%	63%	15%

Education and training requirements are from the Bureau of Labor Statistics (BLS); educational attainment mix are regional data modeled by Chmura using Census educational attainment data projected to 2022Q4 along with source data from the BLS

## Definition of Architecture Teachers, Postsecondary (25-1031)

Teach courses in architecture and architectural design, such as architectural environmental design, interior architecture/design, and landscape architecture. Includes both teachers primarily engaged in teaching and those who do a combination of teaching and research.

## Definition of Interior Designers (27-1025)

Plan, design, and furnish the internal space of rooms or buildings. Design interior environments or create physical layouts that are practical, aesthetic, and conducive to the intended purposes. May specialize in a particular field, style, or phase of interior design.

# Occupation Details

As of 2022Q4, total employment for occupations linked to Interior Design in California was 14,446. Over the past three years, linked occupations added 1,184 jobs in the region and are expected to need in aggregate approximately 8,480 newly trained workers over the next seven years.

Snapshot of Occupations Linked to Interior Design in California<sup>1</sup>

SOC	Occupation	Current						3-Year History	7-Year Forecast				
		Empl	Mean Ann Wages <sup>2</sup>	LQ	Unempl	Unempl Rate	Online Job Ads <sup>3</sup>	Ann %	Total Demand	Exits	Transfers	Empl Growth	Avg Ann Growth %
27-1025	Interior Designers	14,260	\$73,800	1.25	532	3.7%	183	2.9%	8,358	3,552	5,032	-226	-0.2%
25-1031	Architecture Teachers, Postsecondary	187	\$154,300	0.25	3	1.8%	122	-1.2%	121	61	51	9	0.7%
<b>Total - Linked Occupations</b>		<b>14,446</b>	<b>\$74,800</b>	<b>1.19</b>	<b>536</b>	<b>3.6%</b>	<b>305</b>	<b>2.9%</b>	<b>8,480</b>	<b>3,613</b>	<b>5,083</b>	<b>-216</b>	<b>-0.2%</b>
<b>Total - All Occupations</b>		<b>19,219,968</b>	<b>\$71,900</b>	<b>1.00</b>	<b>797,161</b>	<b>4.1%</b>	<b>550,676</b>	<b>0.6%</b>	<b>17,029,863</b>	<b>6,722,656</b>	<b>9,379,252</b>	<b>927,955</b>	<b>0.7%</b>

Source: [JobsEQ®](#)

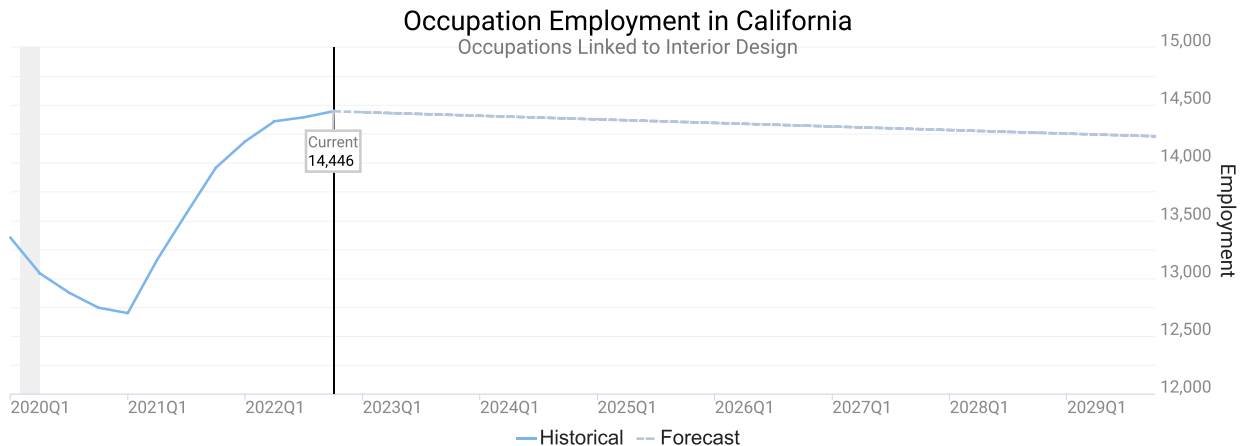
Data as of 2022Q4 unless noted otherwise

Note: Figures may not sum due to rounding.

1. Data based on a four-quarter moving average unless noted otherwise.

2. Wage data represent the average for all Covered Employment

3. Data represent found online ads active within the last thirty days in the selected region. Due to alternative county-assignment algorithms, ad counts in this analytic may not match that shown in RTI (nor in the popup window ad list). Ad counts for ZCTA-based regions are estimates.



Source: JobsEQ®. Data as of 2022Q4. The shaded areas of the graph represent national recessions.

Occupation employment data are estimated via industry employment data and the industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2022Q3, imputed where necessary with preliminary estimates updated to 2022Q4. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns. Occupation unemployment figures are imputed by Chmura.

# Employment by Industry

The table illustrates the industries in California which most employ occupations linked to Interior Design. The single industry most employing these occupations in the region is Specialized Design Services, NAICS 5414. This industry employs 9,238 workers in the linked occupations—employment which is expected to decrease by 429 jobs over the next ten years; furthermore, 7,851 additional new workers in these linked occupations will be needed for this industry due to separation demand, that is, to replace workers in this occupation and industry that retire or move into a different occupation.

**Industry Distribution for Occupations Linked to Interior Design in California**

NAICS Code	Industry Title	Current			10-Year Demand		
		% of Occ Empl	Empl	Exits	Transfers	Empl Growth	Total Demand
5414	Specialized Design Services	63.9%	9,238	3,249	4,602	-429	7,422
5413	Architectural, Engineering, and Related Services	12.4%	1,791	643	911	-11	1,542
4491	Furniture and Home Furnishings Retailers	7.0%	1,009	368	521	27	915
2361	Residential Building Construction	4.0%	577	212	300	23	535
4441	Building Material and Supplies Dealers	1.7%	239	88	124	9	221
6113	Colleges, Universities, and Professional Schools	1.3%	185	84	76	15	176
5511	Management of Companies and Enterprises	1.2%	176	64	91	5	160
2383	Building Finishing Contractors	1.0%	139	51	72	3	126
4236	Household Appliances and Electrical and Electronic Goods Merchant Wholesalers	0.7%	101	37	53	5	96
4239	Miscellaneous Durable Goods Merchant Wholesalers	0.7%	98	36	51	3	90
5313	Activities Related to Real Estate	0.5%	78	28	40	2	70
	All Others	5.6%	816	303	422	39	763

Source: JobsEQ®

Data as of 2022Q4 except wages which are as of 2021. Note that occupation-by-industry wages represent adjusted national data and may not be consistent with regional, all-industry occupation wages shown elsewhere in JobsEQ.

Note: Figures may not sum due to rounding.

Occupation employment data are estimated via industry employment data and the industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2022Q3, imputed where necessary with preliminary estimates updated to 2022Q4. Forecast employment growth uses national projections from the Bureau of Labor Statistics adapted for regional growth patterns.

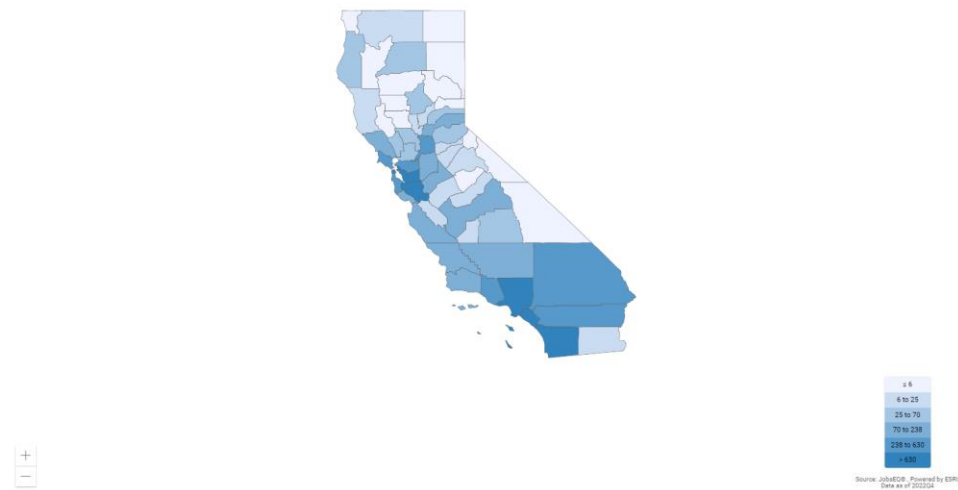


# Geographic Distribution

The map below illustrates the county-level distribution of employed workers in California in occupations linked to Interior Design. Employment is shown by place of work.

California, Occupation Concentration by Place of Work for Occupations Linked to Interior Design

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**Top Counties with Employment Linked to Interior Design, 2022Q4**

Region	Employment
Los Angeles County, California	4,716
Orange County, California	1,572
San Diego County, California	1,324
San Francisco County, California	1,006
Alameda County, California	734
Santa Clara County, California	630
Riverside County, California	497
San Bernardino County, California	453
Contra Costa County, California	350
Sacramento County, California	335

Source: JobsEQ®

Occupation employment data are estimated via industry employment data and the industry/occupation mix. Industry employment data are derived from the Quarterly Census of Employment and Wages, provided by the Bureau of Labor Statistics and currently updated through 2022Q3, imputed where necessary with preliminary estimates updated to 2022Q4.

# Demographic Profile

The population in California was 39,346,023 per American Community Survey data for 2016-2020.

Of individuals 25 to 64 in California, 35.4% have a bachelor's degree or higher which compares with 34.3% in the nation. Per American Community Survey 2016-2020 estimates, the region has about 576,714 students enrolled in grade 12.

## Summary<sup>1</sup>

	Percent		Value	
	California	USA	California	USA
<b>Demographics</b>				
Population (ACS)	—	—	39,346,023	326,569,308
Male	49.7%	49.2%	19,562,882	160,818,530
Female	50.3%	50.8%	19,783,141	165,750,778
Median Age <sup>2</sup>	—	—	36.7	38.2
Under 18 Years	22.8%	22.4%	8,956,641	73,296,738
18 to 24 Years	9.5%	9.3%	3,724,239	30,435,736
25 to 34 Years	15.3%	13.9%	6,007,913	45,485,165
35 to 44 Years	13.3%	12.7%	5,233,903	41,346,677
45 to 54 Years	12.8%	12.7%	5,039,155	41,540,736
55 to 64 Years	12.0%	12.9%	4,739,675	42,101,439
65 to 74 Years	8.3%	9.4%	3,270,380	30,547,950
<b>Population Growth</b>				
Population (Pop Estimates) <sup>4</sup>	—	—	39,029,342	333,287,557
Population Annual Average Growth <sup>4</sup>	0.3%	0.6%	108,479	1,940,990
People per Square Mile	—	—	250.4	94.3
<b>Educational Attainment, Age 25-64</b>				
No High School Diploma	15.2%	10.5%	3,199,850	17,929,220
High School Graduate	20.4%	25.4%	4,282,776	43,289,555
Some College, No Degree	21.0%	20.5%	4,412,172	34,959,338
Associate's Degree	8.0%	9.3%	1,678,082	15,776,790
Bachelor's Degree	22.6%	21.6%	4,741,354	36,888,244
Postgraduate Degree	12.9%	12.7%	2,706,412	21,630,870
<b>Social</b>				
Poverty Level (of all people)	12.6%	12.8%	4,853,434	40,910,326
Households Receiving Food Stamps/SNAP	9.0%	11.4%	1,183,873	13,892,407
Enrolled in Grade 12 (% of total population)	1.5%	1.3%	576,714	4,358,865
Disconnected Youth <sup>3</sup>	1.9%	2.5%	38,451	433,164
Children in Single Parent Families (% of all children)	32.8%	34.0%	2,796,858	23,628,508
Uninsured	7.2%	8.7%	2,806,173	28,058,903
Speak English Less Than Very Well (population 5 yrs and over)	17.4%	8.2%	6,432,102	25,312,024

Source: [JobsEQ®](https://www.chmuraecon.com/jobseq)

1. American Community Survey 2016-2020, unless noted otherwise

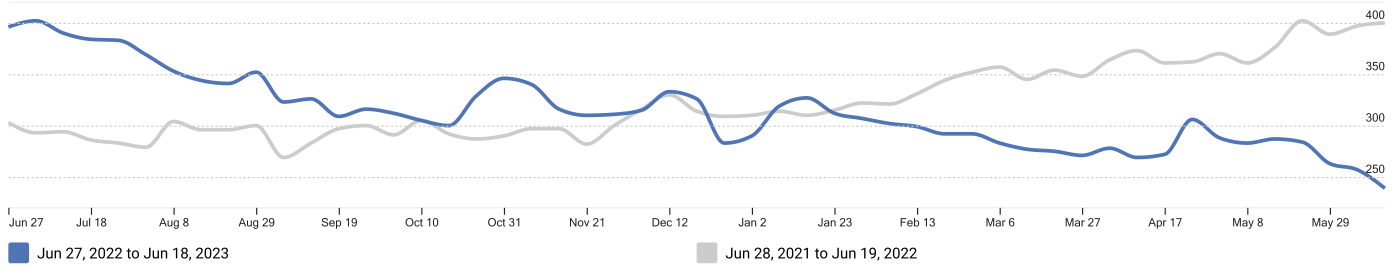
2. Median values for certain aggregate regions (such as MSAs) may be estimated as the weighted averages of the median values from the composing counties.

3. Disconnected Youth are 16-19 year olds who are (1) not in school, (2) not high school graduates, and (3) either unemployed or not in the labor force.

4. Census Population Estimate for 2022, annual average growth rate since 2012. Post-2019 data for Connecticut counties are imputed by Chmura.

# RTI (Job Postings)

Active Job Ads by Date



## Occupations

SOC	Occupation	Active Job Ads
27- 1025.00	Interior Designers	1,166
25- 1031.00	Architecture Teachers, Postsecondary	514

## Locations

Location	Active Job Ads
Los Angeles, California	128
San Francisco, California	96
Irvine, California	66
San Diego, California	63
Sacramento, California	45
San Jose, California	38
1 Front St #2400, San Francisco, CA 94111	19
Chula Vista, CA 91910	18
Newport Beach, California	17
2600 Mission Bell Dr, San Pablo, CA 94806	15

## Employers

Employer Name	Active Job Ads	
Floor and Decor	150	
Restoration Hardware	90	
Dunn-Edwards	46	
Gensler	41	
LPA, Inc.	41	
Stantec	27	
Contra Costa Community College District	26	
SOM	26	
Southwestern Community College District	22	
La-Z-Boy	20	

## Certifications

Certificate Name	Active Job Ads	
NCIDQ Certification	82	
Driver's License	37	
LEED Accredited Professional (not specified)	21	
Certified Interior Designer (CID)	19	
Certified Arborist	6	
Certified Kitchen Designer (CKD)	6	
Certified Bath Designer (CBD)	5	
NCARB Certification (NCARB)	5	
LEED Green Associate	3	
Certified Broadcast Radio Engineer (CBRE)	2	

### Hard Skills

Skill Name	Active Job Ads	
Interior Design	1,153	
Autodesk AutoCAD	570	
Microsoft Office	532	
Autodesk Revit	435	
Google Sketchup	358	
Adobe Photoshop	316	
Adobe Creative Suite	248	
Microsoft Excel	207	
Sales	200	
Adobe InDesign	173	

### Soft Skills

Skill Name	Active Job Ads	
Communication (Verbal and written skills)	1,094	
Cooperative/Team Player	837	
Organization	473	
Project Management	463	
Self-Motivated/Ability to Work Independently/Self Leadership	450	
Interpersonal Relationships/Maintain Relationships	363	
Detail Oriented/Meticulous	340	
Multi-Task	327	
Ability to Work in a Fast Paced Environment	262	
Problem Solving	215	

### Job Titles

Job Title	Active Job Ads	
Interior Designer	158	
Designer	106	
Interior Design Assistant	61	
Senior Designer	59	
Interior Design Consultant	50	
Color Specialist Interior Design	41	
STUDENT ASSISTANT -ENGINEERING AND ARCHITECTURAL SCIENCES	40	
Senior Interior Designer	37	
Junior Interior Designer	30	
ReStart Program - Civil Engineering, Landscape Architecture, Planning, and Land Surveying Profession	16	

### Job Types

Type	Active Job Ads	
Full-Time	1,125	
Part-Time	172	
Permanent	127	
Temporary (unspecified)	84	
Remote	78	
Temporary (short-term)	1	
Remote Not Indicated	1,602	

### Programs

Program Name	Active Job Ads	
Interior Design	396	
Architecture	211	
Design	121	
Landscape Architecture	58	
Engineering	16	
Computer Science	12	
Counseling	8	
Neuroscience	8	
Physics	8	
Psychology	8	

### Education Levels

Minimum Education Level	Active Job Ads	
Bachelor's degree	572	
Associate's degree	155	
High school diploma or equivalent	81	
Master's degree	43	
Doctoral or professional degree	12	
Unspecified/other	817	

# California Regional Map





# FAQ

## What is CIP?

The 2010 Classification of Instructional Programs (CIP) is taxonomy of instructional program classifications and descriptions. It was developed and has been updated by the U.S. Department of Education's National Center for Education Statistics (NCES).

## What is SOC?

The Standard Occupational Classification system (SOC) is used to classify workers into occupational categories. All workers are classified into one of over 804 occupations according to their occupational definition. To facilitate classification, occupations are combined to form 22 major groups, 95 minor groups, and 452 occupation groups. Each occupation group includes detailed occupations requiring similar job duties, skills, education, or experience.

## What is the source of the job ads?

Job ads data are online job posts from the Real-Time Intelligence (RTI) data set, produced wholly by Chmura and gleaned from over 40,000 websites. Data reflect ads active during the last twelve month period ending 06/28/2023 and advertised for any Zip Code Tabulation Area in or intersecting with the region for which this report was produced. Historical ad volume is revised as additional data are made available and processed. Since many extraneous factors can affect short-term volume of online job postings, time-series data can be volatile and should be used with caution. All ad counts represent deduplicated figures.

## What is the program-to-occupation crosswalk?

Training programs are classified according to the Classification of Instructional Programs (CIP codes). For relating training programs, this report uses a modified version of the CIP to SOC crosswalk from the National Center for Education Statistics (NCES). While this is a very helpful crosswalk for estimating occupation production from training program awards data, the crosswalk is neither perfect nor comprehensive. Indeed, it is hard to imagine such a crosswalk being perfect since many training program graduates for one reason or another do not end up employed in occupations that are most related to the training program from which they graduated. Therefore, the education program analyses should be considered in this light.

As an example of the many scenarios that may unfold, consider a journalism degree that crosswalks into three occupations: editors, writers, and postsecondary communications teachers. Graduates with a journalism degree may get a job in one of these occupations—and that may be the most-likely scenario—but a good number of these graduates may get a job in a different occupation altogether (the job may be somewhat related, such as a reporter, or the job may be totally unrelated, such as a real estate agent). Furthermore, a graduate may stay in school or go back to school for a degree that will lead to other occupation possibilities. Still another possibility includes the graduate not entering the labor market (maybe being unemployed, being a non-participant, or moving to another region).

## What is separation demand?

Separation demand is the number of jobs required due to separations—labor force exits (including retirements) and turnover resulting from workers moving from one occupation into another. Note that separation demand does not include all turnover—it does not include when workers stay in the same occupation but switch employers. The total projected demand for an occupation is the sum of the separation demand and the growth

demand (which is the increase or decrease of jobs in an occupation expected due to expansion or contraction of the overall number of jobs in that occupation).

### **What is a location quotient?**

A location quotient (LQ) is a measurement of concentration in comparison to the nation. An LQ of 1.00 indicates a region has the same concentration of an occupation (or industry) as the nation. An LQ of 2.00 would mean the region has twice the expected employment compared to the nation and an LQ of 0.50 would mean the region has half the expected employment in comparison to the nation.

### **What is NAICS?**

The North American Industry Classification System (NAICS) is used to classify business establishments according to the type of economic activity. The NAICS Code comprises six levels, from the “all industry” level to the 6-digit level. The first two digits define the top level category, known as the “sector,” which is the level examined in this report.

#### **About This Report**

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