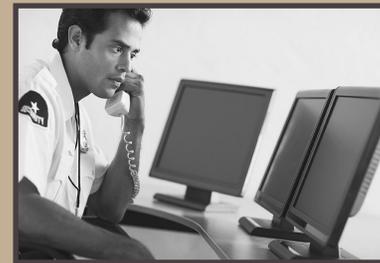


Puerto Rico



Short-Term Industry & Occupational Projections

3rd Quarter 2014 to 3rd Quarter 2016



PUERTO RICO SHORT TERM INDUSTRY PROJECTIONS

EXPLANATION OF INDUSTRY TABLES

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Industry		Employment 3rd Quarter 2014	Projected Employment 3rd Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)	
NAICS Code	NAICS Title			Employment	Percent
Industry code according to the North American Industry Classification System (NAICS) Title and Coding Structure	Industry title according to the North American Industry Classification System (NAICS) Title and Coding Structure	An estimate of the number of jobs in a industry in third quarter 2014	The projected number of jobs expected to be in an industry in third quarter 2016	Total number of jobs an industry is expected to gain or lose over the third quarter 2014 to third quarter 2016 period	Percent change in the number of jobs in an industry over third quarter 2014 to third quarter 2016 period

PUERTO RICO SHORT TERM INDUSTRY PROJECTIONS
JOBS BY MAJOR GROUP INDUSTRY
THIRD QUARTER 2014 TO THIRD QUARTER 2016

Industry NAICS Title	Employment 3rd Quarter 2014	Projected Employment 3rd Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)	
			Employment	Percent
Total Employment, All Jobs	1,011,714	1,012,872	1,158	0.11
Good-Producing Industries	111,129	106,616	-4,513	-4.06
Agriculture, Forestry, Fishing and Hunting	10,454	10,709	255	2.44
Mining, Quarrying, and Oil and Gas Extraction	566	631	65	11.48
Construction	26,217	23,333	-2,884	-11.00
Manufacturing	73,892	71,943	-1,949	-2.64
Service-Providing Industries	777,488	779,351	1,863	0.24
Trade, Transportation and Utilities	173,252	173,023	-229	-0.13
Information	19,320	19,724	404	2.09
Financial Activities	42,660	43,166	506	1.19
Professional and Business Services	110,197	114,788	4,591	4.17
Education and Health Service	176,400	177,702	1,302	0.74
Leisure and Hospitality	79,316	83,266	3,950	4.98
Other Services (Except Government)	14,564	13,987	-577	-3.96
Government	161,779	153,695	-8,084	-5.00
Total Self-Employed Not-Incorporated	123,097	126,905	3,808	3.09

PUERTO RICO SHORT TERM INDUSTRY PROJECTIONS

INDUSTRIES GAINING THE MOST NEW JOBS*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	NAICS Code	Industry NAICS Title	Employment 3rd Quarter 2014	Projected Employment 3rd Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)	
					Employment	Percent
1	561000	Administrative and Support Services	66,324	69,345	3,021	4.55
2	722000	Food Services and Drinking Places	60,808	63,542	2,734	4.50
3	621000	Ambulatory Health Care Services	35,512	37,637	2,125	5.98
4	541000	Professional, Scientific, and Technical Services	28,734	30,261	1,527	5.31
5	622000	Hospitals	32,421	33,462	1,041	3.21
6	721000	Accommodation, including Hotels and Motels	15,136	16,038	902	5.96
7	446000	Health and Personal Care Stores	18,079	18,917	838	4.64
8	524000/ 525000	Insurance Carriers and Related Activities & Funds, Trust, and Other Financial Vehicles	13,893	14,340	447	3.22
9	452000	General Merchandise Stores	25,048	25,488	440	1.76
10	339000	Miscellaneous Manufacturing	12,387	12,792	405	3.27
11	111000	Crop Production	7,477	7,800	323	4.32
12	512000	Motion Picture and Sound Recording Industries	2,840	3,139	299	10.53
13	623000	Nursing and Residential Care Facilities	5,551	5,836	285	5.13
14	713000	Amusement, Gambling, and Recreation Industries	2,143	2,417	274	12.79
15	488000	Support Activities for Transportation	3,598	3,856	258	7.17
16	531000	Real Estate	9,721	9,951	230	2.37
17	551000	Management of Companies and Enterprises	11,615	11,826	211	1.82
18	518000	Data Processing, Hosting and Related Services	2,062	2,250	188	9.12
19	453000	Miscellaneous Store Retailers	5,275	5,381	106	2.01
20	485000	Transit and Ground Passenger Transportation	2,225	2,318	93	4.18

*Industries gaining the most new jobs = projected numeric growth in employment measures how many new jobs are expected to be added in each industry. These 20 industries are projected to gain the most new jobs from third quarter 2014 to third quarter 2016.

PUERTO RICO SHORT TERM INDUSTRY PROJECTIONS

FASTEST-GROWING INDUSTRIES*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	NAICS Code	Industry** NAICS Title	Employment 3rd Quarter 2014	Projected Employment 3rd Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)	
					Employment	Percent
1	713000	Amusement, Gambling, and Recreation Industries	2,143	2,417	274	12.79
2	512000	Motion Picture and Sound Recording Industries	2,840	3,139	299	10.53
3	518000	Data Processing, Hosting and Related Services	2,062	2,250	188	9.12
4	488000	Support Activities for Transportation	3,598	3,856	258	7.17
5	621000	Ambulatory Health Care Services	35,512	37,637	2,125	5.98
6	721000	Accommodation, including Hotels and Motels	15,136	16,038	902	5.96
7	336000	Transportation Equipment Manufacturing	1,287	1,360	73	5.67
8	541000	Professional, Scientific, and Technical Services	28,734	30,261	1,527	5.31
9	623000	Nursing and Residential Care Facilities	5,551	5,836	285	5.13
10	446000	Health and Personal Care Stores	18,079	18,917	838	4.64
11	523000	Securities, Commodity Contracts, and Other Financial Investments and Related Activities	1,265	1,323	58	4.58
12	561000	Administrative and Support Services	66,324	69,345	3,021	4.55
13	722000	Food Services and Drinking Places	60,808	63,542	2,734	4.50
14	111000	Crop Production	7,477	7,800	323	4.32
15	485000	Transit and Ground Passenger Transportation	2,225	2,318	93	4.18
16	492000	Couriers and Messengers	1,254	1,302	48	3.83
17	339000	Miscellaneous Manufacturing	12,387	12,792	405	3.27
18	524000	Insurance Carriers and Related Activities	13,893	14,340	447	3.22
19	622000	Hospitals	32,421	33,462	1,041	3.21
20	493000	Warehousing and Storage	1,714	1,767	53	3.09

*Fastest-Growing Industries= projected percent growth in employment measures how fast an industry is expected to add jobs. The 20 industries in the table are projected to grow the fastest over the third quarter 2014 to third quarter 2016.

**Industries with a minimum of 1,000 jobs in third quarter 2014.

PUERTO RICO SHORT TERM INDUSTRY PROJECTIONS

DECLINING INDUSTRIES BY NET GROWTH*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	NAICS Code	Industry NAICS Title	Employment 3rd Quarter 2014	Projected Employment 3rd Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)	
					Employment	Percent
1	920000	State Government, Excluding Education and Hospitals	93,585	86,892	-6,693	-7.15
2	236000	Construction of Buildings	12,295	10,094	-2,201	-17.90
3	611000	Educational Services (public and private)	92,504	90,336	-2,168	-2.34
4	930000	Local Government, Excluding Education and Hospitals	54,455	53,427	-1,028	-1.89
5	334000	Computer and Electronic Product Manufacturing	4,441	3,855	-586	-13.20
6	325000	Chemical Manufacturing	17,110	16,527	-583	-3.41
7	237000	Heavy and Civil Engineering Construction	3,842	3,418	-424	-11.04
8	424000	Merchant Wholesalers, Nondurable Goods	18,199	17,797	-402	-2.21
9	444000	Building Material and Garden Equipment and Supplies Dealers	8,565	8,170	-395	-4.61
10	910000	Total Federal Government Employment, Include Postal Service	13,739	13,376	-363	-2.64
11	311000	Food Manufacturing	11,449	11,120	-329	-2.87
12	448000	Clothing and Clothing Accessories Stores	17,777	17,496	-281	-1.58
13	238000	Specialty Trade Contractors	10,080	9,821	-259	-2.57
14	813000	Religious, Grantmaking, Civic, Professional, and Similar Organizations	3,616	3,407	-209	-5.78
15	327000	Nonmetallic Mineral Product Manufacturing	1,737	1,530	-207	-11.92
16	442000	Furniture and Home Furnishings Stores	2,527	2,320	-207	-8.19
17	335000	Electrical Equipment, Appliance, and Component Manufacturing	4,909	4,722	-187	-3.81
18	811000	Repair and Maintenance	4,489	4,314	-175	-3.90
19	447000	Gasoline Stations	4,802	4,628	-174	-3.62
20	562000	Waste Management and Remediation Service	3,524	3,356	-168	-4.77

*Declining industries by net growth = total number of jobs an industry is expected to lose over the third quarter 2014 to third quarter 2016.

PUERTO RICO SHORT TERM INDUSTRY PROJECTIONS
INDUSTRY EMPLOYMENT PROJECTIONS
THIRD QUARTER 2014 TO THIRD QUARTER 2016

Industry		Employment	Projected	Change (3rd Quarter 2014 to 3rd Quarter 2016)	
NAICS Code	NAICS Title	3rd Quarter 2014	3rd Quarter 2016	Employment	Percent
Total Employment, All Jobs		1,011,714	1,012,872	1,158	0.11
Goods-Producing Industries		111,129	106,616	-4,513	-4.06
<i>Agriculture, Forestry, Fishing and Hunting</i>		<i>10,454</i>	<i>10,709</i>	<i>255</i>	<i>2.44</i>
<i>Mining, Quarrying, and Oil and Gas Extraction</i>		<i>566</i>	<i>631</i>	<i>65</i>	<i>11.48</i>
Construction		26,217	23,333	-2,884	-11.00
236000	Construction of Buildings	12,295	10,094	-2,201	-17.90
237000	Heavy and Civil Engineering Construction	3,842	3,418	-424	-11.04
238000	Specialty Trade Contractors	10,080	9,821	-259	-2.57
Manufacturing		73,892	71,943	-1,949	-2.64
311000	Food Manufacturing	11,449	11,120	-329	-2.87
312000	Beverage and Tobacco Product Manufacturing	2,420	2,297	-123	-5.08
313000/314000	Textile Mills & Textile Product Mills	267	251	-16	-5.99
315000	Apparel Manufacturing	5,335	5,400	65	1.22
316000	Leather and Allied Product Manufacturing	443	442	-1	-0.23
321000	Wood Product Manufacturing	278	269	-9	-3.24
322000	Paper Manufacturing	1,138	1,083	-55	-4.83
323000	Printing and Related Support Activities	1,655	1,524	-131	-7.92
324000	Petroleum and Coal Products Manufacturing	625	552	-73	-11.68
325000	Chemical Manufacturing	17,110	16,527	-583	-3.41
326000	Plastics and Rubber Products Manufacturing	1,437	1,341	-96	-6.68
327000	Nonmetallic Mineral Product Manufacturing	1,737	1,530	-207	-11.92
331000	Primary Metal Manufacturing	341	295	-46	-13.49
332000	Fabricated Metal Product Manufacturing	3,323	3,206	-117	-3.52
333000	Machinery Manufacturing	2,142	2,186	44	2.05
334000	Computer and Electronic Product Manufacturing	4,441	3,855	-586	-13.20
335000	Electrical Equipment, Appliance, and Component Manufacturing	4,909	4,722	-187	-3.81
336000	Transportation Equipment Manufacturing	1,287	1,360	73	5.67
337000	Furniture and Related Product Manufacturing	1,168	1,191	23	1.97
339000	Miscellaneous Manufacturing	12,387	12,792	405	3.27

Source: Puerto Rico Department of Labor and Human Resources as part of the Projections Managing Partnership (PMP) - April 2015.

PUERTO RICO SHORT TERM INDUSTRY PROJECTIONS
INDUSTRY EMPLOYMENT PROJECTIONS
THIRD QUARTER 2014 TO THIRD QUARTER 2016

Industry		Employment	Projected	Change (3rd Quarter 2014 to 3rd Quarter 2016)	
NAICS Code	NAICS Title	3rd Quarter 2014	Employment 3rd Quarter 2016	Employment	Percent
Service-Providing Industries		777,488	779,351	1,863	0.24
<i>Trade, Transportation and Utilities</i>		<i>173,252</i>	<i>173,023</i>	<i>-229</i>	<i>-0.13</i>
<i>Wholesale Trade</i>		<i>31,115</i>	<i>30,576</i>	<i>-539</i>	<i>-1.73</i>
423000	Merchant Wholesalers, Durable Goods	11,964	11,811	-153	-1.28
424000	Merchant Wholesalers, Nondurable Goods	18,199	17,797	-402	-2.21
425000	Wholesale Electronic Markets and Agents and Brokers	952	968	16	1.68
<i>Retail Trade</i>		<i>127,756</i>	<i>127,909</i>	<i>153</i>	<i>0.12</i>
441000	Motor Vehicle and Parts Dealers	12,600	12,605	5	0.04
442000	Furniture and Home Furnishings Stores	2,527	2,320	-207	-8.19
443000	Electronics and Appliance Stores	3,236	3,087	-149	-4.60
444000	Building Material and Garden Equipment and Supplies Dealers	8,565	8,170	-395	-4.61
445000	Food and Beverage Stores	26,599	26,669	70	0.26
446000	Health and Personal Care Stores	18,079	18,917	838	4.64
447000	Gasoline Stations	4,802	4,628	-174	-3.62
448000	Clothing and Clothing Accessories Stores	17,777	17,496	-281	-1.58
451000	Sporting Goods, Hobby, Book, and Music Stores	2,110	2,025	-85	-4.03
452000	General Merchandise Stores	25,048	25,488	440	1.76
453000	Miscellaneous Store Retailers	5,275	5,381	106	2.01
454000	Nonstore Retailers	1,138	1,123	-15	-1.32
<i>Transportation and Warehousing</i>		<i>14,074</i>	<i>14,224</i>	<i>150</i>	<i>1.07</i>
481000	Air Transportation	1,762	1,663	-99	-5.62
483000	Water Transportation	530	499	-31	-5.85
484000	Truck Transportation	2,864	2,712	-152	-5.31
485000	Transit and Ground Passenger Transport	2,225	2,318	93	4.18
487000	Scenic and Sightseeing Transportation	127	107	-20	-15.75
488000	Support Activities for Transportation	3,598	3,856	258	7.17
492000	Couriers and Messengers	1,254	1,302	48	3.83
493000	Warehousing and Storage	1,714	1,767	53	3.09
<i>221000</i>	<i>Utilities</i>	<i>307</i>	<i>314</i>	<i>7</i>	<i>2.28</i>

Source: Puerto Rico Department of Labor and Human Resources as part of the Projections Managing Partnership (PMP) - April 2015.

PUERTO RICO SHORT TERM INDUSTRY PROJECTIONS
INDUSTRY EMPLOYMENT PROJECTIONS
THIRD QUARTER 2014 TO THIRD QUARTER 2016

NAICS Code	Industry NAICS Title	Employment	Projected	Change (3rd Quarter 2014 to 3rd Quarter 2016)	
		3rd Quarter 2014	Employment 3rd Quarter 2016	Employment	Percent
Information		19,320	19,724	404	2.09
511000	Publishing Industries	2,784	2,846	62	2.23
512000	Motion Picture and Sound Recording Industries	2,840	3,139	299	10.53
515000	Broadcasting (except Internet)	1,890	1,905	15	0.79
517000	Telecommunications	9,568	9,404	-164	-1.71
518000	Internet Service Providers, Web Search Portals, and Data Processing Services	2,062	2,250	188	9.12
519000	Other Information Services	176	180	4	2.27
Financial Activities		42,660	43,166	506	1.19
Finance and Insurance		29,930	30,312	382	1.28
522000	Credit Intermediation and Related Activities	14,734	14,608	-126	-0.86
523000	Securities, Commodity Contracts, and Other	1,265	1,323	58	4.58
524000/525000	Insurance Carriers and Related Activities & Funds, Trust, and Other Financial Vehicles	13,931	14,381	450	3.23
Real Estate and Rental and Leasing		12,730	12,854	124	0.97
531000	Real Estate	9,721	9,951	230	2.37
532000/533000	Rental and Leasing Services & Lessors of Nonfinancial Intangible Assets	3,009	2,903	-106	-3.52
Professional and Business Services		110,197	114,788	4,591	4.17
541000	Professional, Scientific, and Technical Services	28,734	30,261	1,527	5.31
551000	Management of Companies and Enterprises	11,615	11,826	211	1.82
561000	Administrative and Support Services	66,324	69,345	3,021	4.55
562000	Waste Management and Remediation Service	3,524	3,356	-168	-4.77
Education and Health Services		176,400	177,702	1,302	0.74
611000	Educational Services (Public and Private)	92,504	90,336	-2,168	-2.34
Health Care and Social Assistance		83,896	87,366	3,470	4.14
621000	Ambulatory Health Care Services	35,512	37,637	2,125	5.98
622000	Hospitals (Public and Private)	32,421	33,462	1,041	3.21
623000	Nursing and Residential Care Facilities	5,551	5,836	285	5.13
624000	Social Assistance	10,412	10,431	19	0.18

PUERTO RICO SHORT TERM INDUSTRY PROJECTIONS
INDUSTRY EMPLOYMENT PROJECTIONS
THIRD QUARTER 2014 TO THIRD QUARTER 2016

NAICS Code	Industry NAICS Title	Employment	Projected	Change (3rd Quarter 2014 to 3rd Quarter 2016)	
		3rd Quarter 2014	Employment 3rd Quarter 2016	Employment	Percent
Leisure and Hospitality		79,316	83,266	3,950	4.98
Arts, Entertainment, and Recreation		3,372	3,686	314	9.31
711000	Performing Arts, Spectator Sports, and Related Industries	917	950	33	3.60
712000	Museums, Historical Sites, and Similar Institution	312	319	7	2.24
713000	Amusement, Gambling, and Recreation Industries	2,143	2,417	274	12.79
Accommodation and Food Services		75,944	79,580	3,636	4.79
721000	Accommodation, Including Hotels and Motels	15,136	16,038	902	5.96
722000	Food Services and Drinking Places	60,808	63,542	2,734	4.50
Other Services (Except Government)		14,564	13,987	-577	-3.96
811000	Repair and Maintenance	4,489	4,314	-175	-3.90
812000	Personal and Laundry Services	5,125	4,975	-150	-2.93
813000	Membership Associations and Organizations	3,616	3,407	-209	-5.78
814000	Private Households	1,334	1,291	-43	-3.22
Government		161,779	153,695	-8,084	-5.00
910000	Total Federal Government Employment, Include Postal Service	13,739	13,376	-363	-2.64
920000	State, Excluding Education and Hospitals	93,585	86,892	-6,693	-7.15
930000	Local, Excluding Education and Hospitals	54,455	53,427	-1,028	-1.89
Total Self-Employed Not-Incorporated		123,097	126,905	3,808	3.09

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

EXPLANATION OF OCCUPATIONAL TABLES

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Occupation		Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
SOC Code	Soc Title			Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
The occupational code based on the Standard Occupational Classification (SOC) Coding and Title Structure	The occupational title based on the Standard Occupational Classification (SOC) Coding and Title Structure	An estimated of the number of jobs in an occupation in third quarter 2014	The projected number of jobs expected to be in an occupation in third quarter 2016	Total number of jobs an occupation is expected to gain or lose over the third quarter 2014 to third quarter 2016 period	Percent change in the number of jobs in an occupation over the third quarter 2014 to third quarter 2016 period	Average number of job openings expected to be created by industry expansion during the projection period due to employment growth. Occupations with declining employment have zero growth openings.	Average number of job openings expected to be created during the projection period due to the need to replace worker who leave the occupation through death, retirement, or disability.	Average number of job openings expected to be created during the projection period due to employment growth and replacements	This category best describes the typical level of education that most workers need to enter the occupation	This category capture work experience that is commonly considered necessary by employers, or is a commonly accepted substitute for other, more formal types of training or education	This category encompasses any additional training or preparation that is typically needed, once employed in an occupation, to attain competency in the skills needed in that occupation	Mean hourly wage is an average hourly wage. An occupational mean wage estimate is calculated by summing the wages of all the employees in a given occupation and then dividing the total wages by the number of employees.	A percentile wage is a boundary. For example, an occupational median wage estimate is the boundary between the highest paid 50 percent and the lowest paid 50 percent of workers in that occupation. Half of the workers in a given occupation earn more than the median wage, and half the workers earn less than the median wage.	Mean annual wage is an average annual wage. An occupational mean wage estimate is calculated by summing the wages of all the employees in a given occupation and then dividing the total wages by the number of employees.
						The replacement needs were computed from national rates as explained on the U.S. Department of Labor, Bureau of Labor Statistics website: http://www.bls.gov/emp/ep_replacements.htm			The educational and training classification system was developed by the U.S. Bureau of Labor Statistics (BLS).			Estimates developed from PR Occupational Employment Statistics (OES) Wage Survey.		

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

Definitions for the Education and Training Classification System

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Education and Training

The Bureau of Labor Statistics (BLS) education and training classification system consists of three categories of information that BLS analysts have assigned to each detailed occupation in the 2012–22 National Employment Matrix. The categories are: 1) typical education needed for entry, 2) commonly required work experience in a related occupation, and 3) typical on-the-job training needed to obtain competency in the occupation. Each category and its related choice selections are defined below.

Typical education needed for entry. This category best describes the typical level of education that most workers need to enter the occupation. Occupations are assigned one of the following eight education levels:

- (1) Doctoral or professional degree.** Completion of a doctoral degree (Ph.D.) usually requires at least 3 years of full-time academic work beyond a bachelor's degree. Completion of a professional degree usually requires at least 3 years of full-time academic study beyond a bachelor's degree. Examples of occupations for which a professional degree is the typical form of entry-level education include lawyers, physicians and surgeons, and dentists.
- (2) Master's degree.** Completion of this degree usually requires 1 or 2 years of full-time academic study beyond a bachelor's degree. Examples of occupations in this category include statisticians, physician assistants, and educational, guidance, school, and vocational counselors.
- (3) Bachelor's degree.** Completion of this degree generally requires at least 4 years, but not more than 5 years, of full-time academic study beyond high school. Examples of occupations in this category include budget analysts, dietitians and nutritionist, and civil engineers.
- (4) Associate's degree.** Completion of this degree usually requires at least 2 years but not more than 4 years of full-time academic study beyond high school. Examples of occupations in this category include mechanical drafters, respiratory therapists, and dental hygienists.
- (5) Postsecondary non-degree award.** These programs lead to a certificate or other award, but not a degree. The certificate is awarded by the educational institution and is the result of completing formal postsecondary schooling. Certification, issued by a professional organization or certifying body, is not included here. Some postsecondary nondegree award programs last only a few weeks, while others may last 1 to 2 years. Examples of occupations in this category include nursing aides, emergency medical technicians (EMTs) and paramedics, and hairstylists.
- (6) Some college, no degree.** This category signifies the achievement of a high school diploma or equivalent plus the completion of one or more postsecondary courses that did not result in a degree or award. An Example of an occupation in this category are actors.
- (7) High school diploma or equivalent.** This category indicates the completion of high school or an equivalent program resulting in the award of a high school diploma or an equivalent, such as the General Educational Development (GED) credential. Examples of occupations in this category include social and human service assistants, carpenters, and pharmacy technicians.

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

Definitions for the Education and Training Classification System

THIRD QUARTER 2014 TO THIRD QUARTER 2016

(8) Less than high school. This category signifies the completion of any level of primary or secondary education that did not result in the award of a high school diploma or equivalent. Examples of occupations in this category include janitors and cleaners, cashiers, and agricultural equipment operators.

Work experience in a related occupation. For some occupations, work experience in a related occupation may be a typical method of entry. The majority of occupations in this category are first-line supervisors of service, sales, and production occupations or managers of all occupations. Although work experience in a related occupation is beneficial for all occupations, this metric capture work experience that is commonly considered necessary by employers, or is a commonly accepted substitute for other, more formal types of training or education. Occupations are assigned one of the following three categories that deal with length of time spent gaining related work experience:

(1) 5 years or more. This is assigned to occupations if 5 or more years of work experience in a related occupation is typically needed for entry. Examples include financial managers and computer and information systems managers.

(2) Less than 5 years. To enter occupations in this category, workers typically need less than 5 years of work experience in a related occupation. Examples include food service managers and database administrators.

(3) None. No work experience in a related occupation is typically needed. Examples are audiologists and actuaries.

Typical on-the-job training needed to attain competency in the occupation. This category encompasses any additional training or preparation that is typically needed, once employed in an occupation, to attain competency in the skills needed in that occupation. Training is occupation-specific rather than job-specific; skills learned can be transferred to another job in the same occupation. Occupations are assigned one of the following six training categories:

(1) Internship/residency. An internship or residency is training that involves preparation in a field such as teaching or medicine, generally under supervision in a professional setting, such as a classroom or hospital. This type of training may occur before one is employed. Completion of an internship or residency program is commonly required for state licensure or certification in fields including medicine, counseling, architecture, and teaching. Examples of occupations in the internship or residency category include physicians and surgeons and marriage and family therapists. This category does not include internships that are suggested for advancement in one's career, such as a marketing internship.

(2) Apprenticeship. An apprenticeship is a formal relationship between a worker and sponsor that consists of a combination of on-the-job training and related occupation-specific technical instruction in which the worker learns the practical and theoretical aspects of an occupation. Apprenticeship programs are sponsored by individual employers, joint employer-and- labor groups, and employer associations. The typical apprenticeship program provides at least 144 hours of occupation- specific technical instruction and 2,000 hours of on-the-job training per year over a 3-to-5 year period. Examples of occupations in the apprenticeship category include electricians and structural iron and steel workers.

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

Definitions for the Education and Training Classification System

THIRD QUARTER 2014 TO THIRD QUARTER 2016

(3) Long-term on-the-job training. More than 12 months of on-the-job training or, alternatively, combined work experience and formal classroom instruction, is needed for workers to develop the skills to attain competency. Training is occupation-specific rather than job-specific; therefore, skills learned can be transferred to another job in the same occupation. This on-the-job training category also includes employer-sponsored training programs. Such programs include those offered by fire academies and schools for air traffic controllers. In other occupations—nuclear power reactor operators, for example—trainees take formal courses, often provided at the jobsite, to prepare for the required licensing exams. Also included in the long-term on-the-job training category are occupations in which workers typically need to possess a natural ability or talent—including musicians and singers, athletes, dancers, photographers, and actors—and that ability or talent must be cultivated over several years, sometimes in a nonwork setting. This category excludes apprenticeships. Examples of occupations in the long-term on-the-job training category include opticians, dancers, and automotive service technicians and mechanics.

(4) Moderate-term on-the-job training. More than 1 month and up to 12 months of combined on-the-job experience and informal training is needed for workers to develop the skills needed to attain competency. Training is occupation-specific rather than job-specific; therefore, skills learned can be transferred to another job in the same occupation. This on-the-job training category also includes employer-sponsored training programs. Examples of occupations in the moderate-term on-the-job training category include transit and intercity bus drivers and advertising sales agents.

(5) Short-term on-the-job training. The skills needed for a worker to attain competency in an occupation can be acquired during 1 month or less of on-the-job experience and informal training. Training is occupation-specific rather than job-specific; therefore, skills learned can be transferred to another job in the same occupation. This on-the-job training category also includes employer-sponsored training programs. Examples of occupations in the short-term on-the-job training category include retail salespersons and maids and housekeeping cleaners.

(6) None = There is no additional occupation-specific training or preparation typically required to attain competency in the occupation. Examples of occupations that do not require occupation-specific on-the-job training include geographers and pharmacists.

References:

http://www.bls.gov/emp/ep_education_tech.htm

http://www.bls.gov/emp/ep_definitions_edtrain.pdf

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

EMPLOYMENT OUTLOOK BY MAJOR OCCUPATIONAL GROUP

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			2014 Hourly Wage		Annual Mean Wage
				Numeric	Percent	Growth	Replacement	Total	Mean	Median	
00-0000	Total, All Occupations*	1,011,714	1,012,872	1,158	0.11	12,555	47,452	60,007	\$13.23	\$9.42	\$27,510
	Management, Business & Financial Occupations	120,449	121,408	959	0.80	1,604	4,692	6,296	NA	NA	NA
11-0000	Management Occupations	77,590	78,635	1,045	1.35	1,222	2,987	4,209	\$33.90	\$28.05	\$70,500
13-0000	Business and Financial Operations Occupations	42,859	42,773	-86	-0.20	382	1,705	2,087	\$18.32	\$15.52	\$38,110
	Professional & Related Occupations	180,511	180,791	280	0.16	2,476	7,187	9,663	NA	NA	NA
15-0000	Computer and Mathematical Occupations	9,555	9,750	195	2.04	215	303	518	\$20.61	\$18.18	\$42,880
17-0000	Architecture and Engineering Occupations	13,947	13,789	-158	-1.13	109	632	741	\$25.87	\$23.44	\$53,820
19-0000	Life, Physical, and Social Science Occupations	7,990	7,970	-20	-0.25	72	458	530	\$21.42	\$18.14	\$44,550
21-0000	Community and Social Service Occupations	15,758	15,322	-436	-2.77	48	707	755	\$13.49	\$12.59	\$28,050
23-0000	Legal Occupations	6,532	6,588	56	0.86	108	193	301	\$30.40	\$26.82	\$63,240
25-0000	Education, Training, and Library Occupations	64,078	62,924	-1,154	-1.80	62	2,564	2,626	\$16.90	\$15.18	\$35,160
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	10,776	11,131	355	3.29	367	455	822	\$16.92	\$13.16	\$35,190
29-0000	Healthcare Practitioners and Technical Occupations	51,875	53,317	1,442	2.78	1,495	1,875	3,370	\$17.06	\$13.68	\$35,490
	Service Occupations	217,426	221,239	3,813	1.75	5,582	11,996	17,578	NA	NA	NA
31-0000	Healthcare Support Occupations	11,413	11,848	435	3.81	455	405	860	\$9.44	\$8.83	\$19,630
33-0000	Protective Service Occupations	56,976	56,112	-864	-1.52	847	2,741	3,588	\$9.67	\$8.73	\$20,120
35-0000	Food Preparation and Serving Related Occupations	72,673	75,224	2,551	3.51	2,551	5,814	8,365	\$8.67	\$8.57	\$18,020
37-0000	Building and Grounds Cleaning and Maintenance Occupations	53,673	54,614	941	1.75	962	2,051	3,013	\$8.93	\$8.59	\$18,580
39-0000	Personal Care and Service Occupations	22,691	23,441	750	3.31	767	985	1,752	\$8.97	\$8.55	\$18,660
41-0000	Sales and Related Occupations	125,274	125,995	721	0.58	847	8,605	9,452	\$10.60	\$8.86	\$22,060
43-0000	Office and Administrative Support Occupations	168,073	166,663	-1,410	-0.84	995	6,662	7,657	\$11.33	\$9.40	\$23,570
45-0000	Farming, Fishing, and Forestry Occupations	7,786	7,871	85	1.09	105	466	571	\$10.76	\$8.87	\$22,390
47-0000	Construction and Extraction Occupations	41,950	39,651	-2,299	-5.48	8	1,393	1,401	\$10.21	\$8.91	\$21,240
49-0000	Installation, Maintenance, and Repair Occupations	31,947	31,593	-354	-1.11	105	1,494	1,599	\$13.35	\$11.16	\$27,780
51-0000	Production Occupations	66,603	66,345	-258	-0.39	662	2,588	3,250	\$10.93	\$9.16	\$22,740
53-0000	Transportation and Material Moving Occupations	51,695	51,316	-379	-0.73	171	2,369	2,540	\$10.43	\$8.87	\$21,690

*Total, All Occupations include self-employed not-incorporated.

NA = Not Available

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

OCCUPATIONS GAINING THE MOST NEW JOBS*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
1	33-9032	Security Guards	25,378	26,181	803	3.16	803	716	1,519	High school diploma or equivalent	None	Short-term on-the-job training	\$8.34	\$8.47	\$17,340
2	35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	10,573	11,171	598	5.66	598	1,013	1,611	Less than high school	None	Short-term on-the-job training	\$8.16	\$8.40	\$16,970
3	37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	30,432	30,894	462	1.52	462	1,028	1,490	Less than high school	None	Short-term on-the-job training	\$8.66	\$8.53	\$18,020
4	29-1141	Registered Nurses	17,948	18,387	439	2.45	439	609	1,048	Associate's degree	None	None	\$16.22	\$15.13	\$33,740
5	35-3031	Waiters and Waitresses	9,842	10,274	432	4.39	432	1,020	1,452	Less than high school	None	Short-term on-the-job training	\$8.25	\$8.41	\$17,150
6	35-2014	Cooks, Restaurant	5,434	5,765	331	6.09	331	217	548	Less than high school	Less than 5 years	Moderate-term on-the-job training	\$8.80	\$8.73	\$18,310
7	35-2011	Cooks, Fast Food	10,196	10,510	314	3.08	314	407	721	Less than high school	None	Short-term on-the-job training	\$8.12	\$8.41	\$16,890
8	43-6013	Medical Secretaries	4,439	4,706	267	6.01	267	106	373	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.56	\$8.86	\$21,960
9	35-1012	First-Line Supervisors of Food Preparation and Serving Workers	7,941	8,207	266	3.35	266	475	741	High school diploma or equivalent	Less than 5 years	None	\$10.62	\$9.97	\$22,100
10	37-2012	Maids and Housekeeping Cleaners	5,031	5,289	258	5.13	258	183	441	Less than high school	None	Short-term on-the-job training	\$8.51	\$8.57	\$17,690
11	39-9021	Personal Care Aides	6,072	6,292	220	3.62	220	67	287	Less than high school	None	Short-term on-the-job training	\$8.10	\$8.35	\$16,850
12	29-2052	Pharmacy Technicians	4,025	4,243	218	5.42	218	64	282	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.80	\$9.90	\$22,460
13	43-4051	Customer Service Representatives	13,654	13,868	214	1.57	214	717	931	High school diploma or equivalent	None	Short-term on-the-job training	\$10.88	\$9.39	\$22,630
14	41-1011	First-Line Supervisors of Retail Sales Workers	19,342	19,539	197	1.02	197	820	1,017	High school diploma or equivalent	Less than 5 years	None	\$13.60	\$12.24	\$28,290
15	35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	4,893	5,061	168	3.43	168	940	1,108	Less than high school	None	Short-term on-the-job training	\$8.13	\$8.36	\$16,910
16	41-3021	Insurance Sales Agents	3,580	3,747	167	4.66	167	164	331	High school diploma or equivalent	None	Moderate-term on-the-job training	\$16.65	\$14.59	\$34,630
17	41-2011	Cashiers	30,529	30,685	156	0.51	156	3,281	3,437	Less than high school	None	Short-term on-the-job training	\$8.31	\$8.50	\$17,280
18	51-6031	Sewing Machine Operators	6,239	6,379	140	2.24	140	68	208	Less than high school	None	Short-term on-the-job training	\$8.20	\$8.48	\$17,060
19	43-3021	Billing and Posting Clerks	4,410	4,541	131	2.97	131	142	273	High school diploma or equivalent	None	Short-term on-the-job training	\$9.96	\$9.22	\$20,710

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

OCCUPATIONS GAINING THE MOST NEW JOBS*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
20	11-9051	Food Service Managers	2,697	2,825	128	4.75	128	88	216	High school diploma or equivalent	Less than 5 years	None	\$16.33	\$14.28	\$33,960

*Occupations gaining the most new jobs = projected numeric growth in employment measures how many new jobs are expected to be added in each occupation. These 20 occupations are projected to gain the most new jobs from third quarter 2014 to third quarter 2016.

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

FASTEST-GROWING OCCUPATIONS*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation** SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	
1	39-9031	Fitness Trainers and Aerobics Instructors	327	365	38	11.62	38	7	45	High school diploma or equivalent	None	Short-term on-the-job training	\$14.85	\$9.25	\$30,880
2	39-3031	Ushers, Lobby Attendants, and Ticket Takers	880	951	71	8.07	71	130	201	Less than high school	None	Short-term on-the-job training	\$8.19	\$8.39	\$17,030
3	29-2031	Cardiovascular Technologists and Technicians	346	373	27	7.80	27	8	35	Associate's degree	None	None	\$11.51	\$10.34	\$23,930
4	27-2012	Producers and Directors	821	880	59	7.19	59	51	110	Bachelor's degree	Less than 5 years	None	NA	NA	NA
5	39-3011	Gaming Dealers	526	563	37	7.03	37	15	52	High school diploma or equivalent	None	Short-term on-the-job training	\$8.85	\$8.75	\$18,410
6	15-1132	Software Developers, Applications	500	535	35	7.00	35	11	46	Bachelor's degree	None	None	\$24.97	\$24.24	\$51,930
7	31-2021	Physical Therapist Assistants	574	614	40	6.97	40	23	63	Associate's degree	None	None	\$10.90	\$9.65	\$22,670
8	43-4081	Hotel, Motel, and Resort Desk Clerks	866	926	60	6.93	60	85	145	High school diploma or equivalent	None	Short-term on-the-job training	\$8.61	\$8.61	\$17,900
9	39-1011	Gaming Supervisors	375	400	25	6.67	25	14	39	High school diploma or equivalent	Less than 5 years	None	\$16.39	\$15.55	\$34,100
10	13-1161	Market Research Analysts and Marketing Specialists	1,749	1,857	108	6.17	108	43	151	Bachelor's degree	None	None	\$16.99	\$13.69	\$35,350
11	35-2014	Cooks, Restaurant	5,434	5,765	331	6.09	331	217	548	Less than high school	Less than 5 years	Moderate-term on-the-job training	\$8.80	\$8.73	\$18,310
12	43-6013	Medical Secretaries	4,439	4,706	267	6.01	267	106	373	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.56	\$8.86	\$21,960
13	39-3091	Amusement and Recreation Attendants	846	896	50	5.91	50	107	157	Less than high school	None	Short-term on-the-job training	\$8.33	\$8.41	\$17,330
14	27-4011	Audio and Video Equipment Technicians	711	753	42	5.91	42	23	65	Postsecondary non-degree award	None	Short-term on-the-job training	\$12.34	\$12.29	\$25,670
15	31-9097	Phlebotomists	347	367	20	5.76	20	12	32	Postsecondary non-degree award	None	None	\$10.51	\$9.84	\$21,860
16	29-2012	Medical and Clinical Laboratory Technicians	559	591	32	5.72	32	27	59	Associate's degree	None	None	\$12.12	\$11.22	\$25,200
17	39-5094	Skincare Specialists	507	536	29	5.72	29	7	36	Postsecondary non-degree award	None	None	\$10.94	\$9.70	\$22,760
18	35-3011	Bartenders	1,701	1,798	97	5.70	97	124	221	Less than high school	None	Short-term on-the-job training	\$8.39	\$8.51	\$17,460
19	27-1011	Art Directors	561	593	32	5.70	32	27	59	Bachelor's degree	5 years or more	None	\$27.69	\$24.22	\$57,590

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

FASTEST-GROWING OCCUPATIONS*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation** SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
20	35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	10,573	11,171	598	5.66	598	1,013	1,611	Less than high school	None	Short-term on-the-job training	\$8.16	\$8.40	\$16,970
21	29-2052	Pharmacy Technicians	4,025	4,243	218	5.42	218	64	282	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.80	\$9.90	\$22,460
22	31-1011	Home Health Aides	2,236	2,356	120	5.37	120	78	198	Less than high school	None	Short-term on-the-job training	\$8.21	\$8.41	\$17,090
23	35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	373	393	20	5.36	20	42	62	Less than high school	None	Short-term on-the-job training	\$8.60	\$8.58	\$17,890
24	49-9062	Medical Equipment Repairers	337	355	18	5.34	18	19	37	Associate's degree	None	Moderate-term on-the-job training	\$14.38	\$13.22	\$29,910
25	37-2012	Maids and Housekeeping Cleaners	5,031	5,289	258	5.13	258	183	441	Less than high school	None	Short-term on-the-job training	\$8.51	\$8.57	\$17,690
26	13-2052	Personal Financial Advisors	474	498	24	5.06	24	14	38	Bachelor's degree	None	None	\$20.55	\$17.45	\$42,740
27	51-9083	Ophthalmic Laboratory Technicians	935	982	47	5.03	47	63	110	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.88	\$10.60	\$22,640
28	29-2081	Opticians, Dispensing	817	858	41	5.02	41	43	84	High school diploma or equivalent	None	Long-term on-the-job training	\$9.72	\$9.61	\$20,220
29	17-1011	Architects, Except Landscape and Naval	342	359	17	4.97	17	16	33	Bachelor's degree	None	Internship/residency	\$27.76	\$23.34	\$57,740
30	11-9051	Food Service Managers	2,697	2,825	128	4.75	128	88	216	High school diploma or equivalent	Less than 5 years	None	\$16.33	\$14.28	\$33,960
31	13-1121	Meeting, Convention, and Event Planners	469	491	22	4.69	22	12	34	Bachelor's degree	None	None	\$13.46	\$11.63	\$27,990
32	35-3041	Food Servers, Nonrestaurant	363	380	17	4.68	17	21	38	Less than high school	None	Short-term on-the-job training	\$8.13	\$8.36	\$16,920
33	13-2082	Tax Preparers	557	583	26	4.67	26	20	46	High school diploma or equivalent	None	Moderate-term on-the-job training	\$14.26	\$9.64	\$29,660
34	41-3021	Insurance Sales Agents	3,580	3,747	167	4.66	167	164	331	High school diploma or equivalent	None	Moderate-term on-the-job training	\$16.65	\$14.59	\$34,630
35	51-4041	Machinists	964	1,007	43	4.46	43	44	87	diploma or equivalent	None	Long-term on-the-job training	\$10.88	\$9.93	\$22,630
36	43-5011	Cargo and Freight Agents	429	448	19	4.43	19	23	42	diploma or equivalent	None	Short-term on-the-job training	\$11.66	\$11.34	\$24,250
37	35-3031	Waiters and Waitresses	9,842	10,274	432	4.39	432	1,020	1,452	Less than high school	None	Short-term on-the-job training	\$8.25	\$8.41	\$17,150
38	39-1021	First-Line Supervisors of Personal Service Workers	1,919	2,003	84	4.38	84	62	146	High school diploma or equivalent	Less than 5 years	None	\$11.94	\$10.61	\$24,830

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

FASTEST-GROWING OCCUPATIONS*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation** SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
39	31-9091	Dental Assistants	2,173	2,266	93	4.28	93	83	176	Postsecondary non-degree award	None	None	\$8.53	\$8.53	\$17,740
40	29-1171	Nurse Practitioners	1,616	1,685	69	4.27	69	55	124	Master's degree	None	None	\$11.00	\$10.17	\$22,880
41	11-9141	Property, Real Estate, and Community Association Managers	354	369	15	4.24	15	15	30	High school diploma or equivalent	Less than 5 years	None	\$24.39	\$16.79	\$50,740
42	35-9021	Dishwashers	2,043	2,129	86	4.21	86	235	321	Less than high school	None	Short-term on-the-job training	\$8.38	\$8.51	\$17,420
43	29-2055	Surgical Technologists	866	902	36	4.16	36	14	50	Postsecondary non-degree award	None	None	\$9.71	\$8.89	\$20,190
44	35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,476	1,537	61	4.13	61	316	377	Less than high school	None	None	\$8.26	\$8.44	\$17,180
45	41-9022	Real Estate Sales Agents	1,139	1,186	47	4.13	47	22	69	High school diploma or equivalent	None	Long-term on-the-job training	\$16.26	\$13.42	\$33,830
46	35-1011	Chefs and Head Cooks	803	836	33	4.11	33	23	56	High school diploma or equivalent	5 years or more	None	\$13.20	\$11.69	\$27,460
47	41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	2,402	2,500	98	4.08	98	53	151	High school diploma or equivalent	None	Short-term on-the-job training	\$8.57	\$8.58	\$17,820
48	29-1021	Dentists, General	417	434	17	4.08	17	20	37	Doctoral or professional degree	None	None	\$25.25	\$22.84	\$52,520
49	37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	2,305	2,397	92	3.99	92	96	188	High school diploma or equivalent	Less than 5 years	None	\$11.37	\$10.41	\$23,640
50	19-4011	Agricultural and Food Science Technicians	506	526	20	3.95	20	34	54	Associate's degree	None	Moderate-term on-the-job training	\$14.63	\$13.96	\$30,430

*Fastest Growing Occupations= projected percent growth in employment measures how fast an occupation is expected to add jobs. The 50 occupations in the table are projected to grow the fastest over the third quarter 2014 to third quarter 2016.

**This table includes occupations with a minimum of 300 jobs in third quarter 2014.

NA = Not Available

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

MOST OPENINGS OCCUPATIONS*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	Annual Mean Wage
1	41-2011	Cashiers	30,529	30,685	156	0.51	156	3,281	3,437	Less than high school	None	Short-term on-the-job training	\$8.31	\$8.50	\$17,280
2	41-2031	Retail Salespersons	43,483	43,435	-48	-0.11	0	3,200	3,200	Less than high school	None	Short-term on-the-job training	\$9.01	\$8.62	\$18,750
3	35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	10,573	11,171	598	5.66	598	1,013	1,611	Less than high school	None	Short-term on-the-job training	\$8.16	\$8.40	\$16,970
4	33-9032	Security Guards	25,378	26,181	803	3.16	803	716	1,519	High school diploma or equivalent	None	Short-term on-the-job training	\$8.34	\$8.47	\$17,340
5	37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	30,432	30,894	462	1.52	462	1,028	1,490	Less than high school	None	Short-term on-the-job training	\$8.66	\$8.53	\$18,020
6	35-3031	Waiters and Waitresses	9,842	10,274	432	4.39	432	1,020	1,452	Less than high school	None	Short-term on-the-job training	\$8.25	\$8.41	\$17,150
7	35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	4,893	5,061	168	3.43	168	940	1,108	Less than high school	None	Short-term on-the-job training	\$8.13	\$8.36	\$16,910
8	29-1141	Registered Nurses	17,948	18,387	439	2.45	439	609	1,048	Associate's degree	None	None	\$16.22	\$15.13	\$33,740
9	43-5081	Stock Clerks and Order Fillers	16,303	16,164	-139	-0.85	0	1,039	1,039	Less than high school	None	Short-term on-the-job training	\$9.06	\$8.68	\$18,850
10	41-1011	First-Line Supervisors of Retail Sales Workers	19,342	19,539	197	1.02	197	820	1,017	High school diploma or equivalent	Less than 5 years	None	\$13.60	\$12.24	\$28,290
11	33-3051	Police and Sheriff's Patrol Officers	16,433	15,519	-914	-5.56	0	1,008	1,008	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.76	\$8.50	\$18,220
12	43-4051	Customer Service Representatives	13,654	13,868	214	1.57	214	717	931	High school diploma or equivalent	None	Short-term on-the-job training	\$10.88	\$9.39	\$22,630
13	43-9061	Office Clerks, General	22,641	22,028	-613	-2.71	0	931	931	High school diploma or equivalent	None	Short-term on-the-job training	\$9.91	\$8.98	\$20,620
14	53-7062	Laborers and Freight, Stock, and Material Movers, Hand	12,516	12,507	-9	-0.07	0	797	797	Less than high school	None	Short-term on-the-job training	\$10.55	\$8.92	\$21,940
15	35-2021	Food Preparation Workers	11,664	11,695	31	0.27	31	754	785	Less than high school	None	Short-term on-the-job training	\$8.83	\$8.76	\$18,370
16	37-3011	Landscaping and Groundskeeping Workers	12,791	12,891	100	0.78	100	646	746	Less than high school	None	Short-term on-the-job training	\$8.79	\$8.60	\$18,290
17	35-1012	First-Line Supervisors of Food Preparation and Serving Workers	7,941	8,207	266	3.35	266	475	741	High school diploma or equivalent	Less than 5 years	None	\$10.62	\$9.97	\$22,100
18	43-1011	First-Line Supervisors of Office and Administrative Support Workers	14,481	14,532	51	0.35	51	676	727	High school diploma or equivalent	Less than 5 years	None	\$16.56	\$14.74	\$34,440
19	35-2011	Cooks, Fast Food	10,196	10,510	314	3.08	314	407	721	Less than high school	None	Short-term on-the-job training	\$8.12	\$8.41	\$16,890
20	13-2011	Accountants and Auditors	10,794	10,866	72	0.67	72	625	697	Bachelor's degree	None	None	\$17.58	\$15.44	\$36,560

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

MOST OPENINGS OCCUPATIONS*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
21	43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	24,417	24,530	113	0.46	113	581	694	High school diploma or equivalent	None	Short-term on-the-job training	\$10.03	\$9.06	\$20,850
22	25-2021	Elementary School Teachers, Except Special Education	13,986	13,760	-226	-1.62	0	602	602	Bachelor's degree	None	Internship/residency	NA	NA	\$33,760
23	35-2014	Cooks, Restaurant	5,434	5,765	331	6.09	331	217	548	Less than high school	Less than 5 years	Moderate-term on-the-job training	\$8.80	\$8.73	\$18,310
24	25-2031	Secondary School Teachers, Except Special and Career/Technical Education	9,076	8,819	-257	-2.83	0	495	495	Bachelor's degree	None	Internship/residency	NA	NA	\$33,730
25	47-2061	Construction Laborers	11,752	10,980	-772	-6.57	0	494	494	Less than high school	None	Short-term on-the-job training	\$8.63	\$8.55	\$17,940
26	37-2012	Maids and Housekeeping Cleaners	5,031	5,289	258	5.13	258	183	441	Less than high school	None	Short-term on-the-job training	\$8.51	\$8.57	\$17,690
27	45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	5,503	5,567	64	1.16	64	344	408	Less than high school	None	Short-term on-the-job training	\$9.08	\$8.56	\$18,890
28	35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,476	1,537	61	4.13	61	316	377	Less than high school	None	None	\$8.26	\$8.44	\$17,180
29	43-6013	Medical Secretaries	4,439	4,706	267	6.01	267	106	373	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.56	\$8.86	\$21,960
30	41-3021	Insurance Sales Agents	3,580	3,747	167	4.66	167	164	331	High school diploma or equivalent	None	Moderate-term on-the-job training	\$16.65	\$14.59	\$34,630

*Most openings occupations = occupations are projected to have the most job openings due to growth and the need to replace workers who leave the occupation permanently over the third quarter 2014 to third quarter 2016.

NA = Not Available

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

DECLINING OCCUPATIONS BY NET GROWTH

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
1	33-3051	Police and Sheriff's Patrol Officers	16,433	15,519	-914	-5.56	0	1,008	1,008	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.76	\$8.50	\$18,220
2	47-2061	Construction Laborers	11,752	10,980	-772	-6.57	0	494	494	Less than high school	None	Short-term on-the-job training	\$8.63	\$8.55	\$17,940
3	43-9061	Office Clerks, General	22,641	22,028	-613	-2.71	0	931	931	High school diploma or equivalent	None	Short-term on-the-job training	\$9.91	\$8.98	\$20,620
4	43-6011	Executive Secretaries and Executive Administrative Assistants	9,864	9,427	-437	-4.43	0	235	235	High school diploma or equivalent	Less than 5 years	None	\$14.59	\$13.31	\$30,340
5	43-9022	Word Processors and Typists	4,368	3,997	-371	-8.49	0	39	39	High school diploma or equivalent	None	Short-term on-the-job training	\$11.62	\$11.07	\$24,170
6	33-3012	Correctional Officers and Jailers	5,144	4,802	-342	-6.65	0	265	265	High school diploma or equivalent	None	Moderate-term on-the-job training	\$12.29	\$12.60	\$25,560
7	47-2031	Carpenters	5,724	5,382	-342	-5.97	0	143	143	High school diploma or equivalent	None	Apprenticeship	\$9.11	\$8.80	\$18,950
8	47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	4,689	4,411	-278	-5.93	0	109	109	High school diploma or equivalent	5 years or more	None	\$14.68	\$13.22	\$30,530
9	25-2031	Secondary School Teachers, Except Special and Career/Technical Education	9,076	8,819	-257	-2.83	0	495	495	Bachelor's degree	None	Internship/residency	*	*	\$33,730
10	21-1093	Social and Human Service Assistants	5,399	5,170	-229	-4.24	0	262	262	High school diploma or equivalent	None	Short-term on-the-job training	\$10.95	\$10.54	\$22,780
11	25-2021	Elementary School Teachers, Except Special Education	13,986	13,760	-226	-1.62	0	602	602	Bachelor's degree	None	Internship/residency	*	*	\$33,760
12	53-3032	Heavy and Tractor-Trailer Truck Drivers	9,255	9,058	-197	-2.13	0	282	282	Postsecondary non-degree award	None	Short-term on-the-job training	\$9.17	\$8.77	\$19,070
13	43-9021	Data Entry Keyers	2,818	2,651	-167	-5.93	0	76	76	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.31	\$9.11	\$21,450
14	33-1012	First-Line Supervisors of Police and Detectives	2,967	2,806	-161	-5.43	0	181	181	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	\$10.62	\$8.95	\$22,090
15	43-5081	Stock Clerks and Order Fillers	16,303	16,164	-139	-0.85	0	1,039	1,039	Less than high school	None	Short-term on-the-job training	\$9.06	\$8.68	\$18,850
16	47-2073	Operating Engineers and Other Construction Equipment Operators	2,019	1,880	-139	-6.88	0	85	85	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.95	\$9.32	\$22,780
17	25-9041	Teacher Assistants	6,221	6,085	-136	-2.19	0	264	264	Some college, no degree	None	None	*	*	\$18,870

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS
DECLINING OCCUPATIONS BY NET GROWTH
THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
18	51-2022	Electrical and Electronic Equipment Assemblers	1,951	1,815	-136	-6.97	0	51	51	High school diploma or equivalent	None	Short-term on-the-job training	\$9.97	\$9.03	\$20,730
19	43-6012	Legal Secretaries	3,851	3,719	-132	-3.43	0	92	92	High school diploma or equivalent	None	Moderate-term on-the-job training	\$12.48	\$12.11	\$25,970
20	21-1021	Child, Family, and School Social Workers	3,465	3,337	-128	-3.69	0	142	142	Bachelor's degree	None	None	\$15.12	\$14.65	\$31,450

*Declining occupations by net growth = total number of jobs an occupation is expected to loss over the third quarter 2014 to third quarter 2016.

NA = Not Available

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

TOP 10 OCCUPATIONS/MASTER'S, DOCTORAL OR PROFESSIONAL DEGREE GAINING THE MOST NEW JOBS*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
1	23-1011	Lawyers	4,732	4,821	89	1.88	89	140	229	Doctoral or professional degree	None	None	\$32.82	\$28.97	\$68,260
2	29-1051	Pharmacists	2,108	2,186	78	3.70	78	97	175	Doctoral or professional degree	None	None	\$38.87	\$41.71	\$80,850
3	29-1171	Nurse Practitioners	1,616	1,685	69	4.27	69	55	124	Master's degree	None	None	\$11.00	\$10.17	\$22,880
4	25-1071	Health Specialties Teachers, Postsecondary	1,426	1,465	39	2.73	39	39	78	Doctoral or professional degree	Less than 5 years	None	NA	NA	\$57,110
5	29-1062	Family and General Practitioners	1,462	1,490	28	1.92	28	69	97	Doctoral or professional degree	None	Internship/residency	\$34.23	\$31.16	\$71,200
6	25-1072	Nursing Instructors and Teachers, Postsecondary	834	856	22	2.64	22	23	45	Master's degree	Less than 5 years	None	NA	NA	\$66,730
7	29-1123	Physical Therapists	583	604	21	3.60	21	28	49	Doctoral or professional degree	None	None	\$19.54	\$18.43	\$40,650
8	21-1022	Healthcare Social Workers	606	624	18	2.97	18	25	43	Master's degree	None	None	\$13.47	\$12.75	\$28,010
9	29-1021	Dentists, General	417	434	17	4.08	17	20	37	Doctoral or professional degree	None	None	\$25.25	\$22.84	\$52,520
10	19-3031	Clinical, Counseling, and School Psychologists	408	423	15	3.68	15	23	38	Doctoral or professional degree	None	Internship/residency	\$16.39	\$15.31	\$34,090

*Occupations gaining the most new jobs = projected numeric growth in employment measures how many new jobs are expected to be added in each occupation. Top 10 occupations are projected to gain the most new jobs from third quarter 2014 to third quarter 2016.

NA = Not Available

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

TOP 10 OCCUPATIONS/MASTER'S, DOCTORAL OR PROFESSIONAL DEGREE WITH THE HIGHEST GROWTH RATES*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation** SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to Replacement			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
1	29-1171	Nurse Practitioners	1,616	1,685	69	4.27	69	55	124	Master's degree	None	None	\$11.00	\$10.17	\$22,880
2	29-1021	Dentists, General	417	434	17	4.08	17	20	37	Doctoral or professional degree	None	None	\$25.25	\$22.84	\$52,520
3	29-1051	Pharmacists	2,108	2,186	78	3.70	78	97	175	Doctoral or professional degree	None	None	\$38.87	\$41.71	\$80,850
4	19-3031	Clinical, Counseling, and School Psychologists	408	423	15	3.68	15	23	38	Doctoral or professional degree	None	Internship/residency	\$16.39	\$15.31	\$34,090
5	29-1123	Physical Therapists	583	604	21	3.60	21	28	49	Doctoral or professional degree	None	None	\$19.54	\$18.43	\$40,650
6	21-1022	Healthcare Social Workers	606	624	18	2.97	18	25	43	Master's degree	None	None	\$13.47	\$12.75	\$28,010
7	25-1071	Health Specialties Teachers, Postsecondary	1,426	1,465	39	2.73	39	39	78	Doctoral or professional degree	Less than 5 years	None	NA	NA	\$57,110
8	25-1072	Nursing Instructors and Teachers, Postsecondary	834	856	22	2.64	22	23	45	Master's degree	Less than 5 years	None	NA	NA	\$66,730
9	29-1062	Family and General Practitioners	1,462	1,490	28	1.92	28	69	97	Doctoral or professional degree	None	Internship/residency	\$34.23	\$31.16	\$71,200
10	29-1151	Nurse Anesthetists	317	323	6	1.89	6	11	17	Master's degree	None	None	\$25.91	\$26.06	\$53,890

*Occupations Highest Growth rates = projected percent growth in employment measures how fast an occupation is expected to add jobs. Top 10 occupations in the table are projected to grow the fastest over the third quarter 2014 to third quarter 2016.

**This table includes occupations with a minimum of 300 jobs in third quarter 2014.

NA = Not Available

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

TOP 10 OCCUPATIONS/MASTER'S, DOCTORAL OR PROFESSIONAL DEGREE MOST OPENINGS OCCUPATIONS*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
1	23-1011	Lawyers	4,732	4,821	89	1.88	89	140	229	Doctoral or professional degree	None	None	\$32.82	\$28.97	\$68,260
2	29-1051	Pharmacists	2,108	2,186	78	3.70	78	97	175	Doctoral or professional degree	None	None	\$38.87	\$41.71	\$80,850
3	29-1171	Nurse Practitioners	1,616	1,685	69	4.27	69	55	124	Master's degree	None	None	\$11.00	\$10.17	\$22,880
4	11-9032	Education Administrators, Elementary and Secondary School	2,003	1,948	-55	-2.75	0	107	107	Master's degree	5 years or more	None	NA	NA	\$45,440
5	29-1062	Family and General Practitioners	1,462	1,490	28	1.92	28	69	97	Doctoral or professional degree	None	Internship/residency	\$34.23	\$31.16	\$71,200
6	25-1071	Health Specialties Teachers, Postsecondary	1,426	1,465	39	2.73	39	39	78	Doctoral or professional degree	Less than 5 years	None	NA	NA	\$57,110
7	11-9033	Education Administrators, Postsecondary	1,407	1,396	-11	-0.78	0	75	75	Master's degree	5 years or more	None	\$25.39	\$22.54	\$52,810
8	25-4021	Librarians	1,431	1,399	-32	-2.24	0	68	68	Master's degree	None	None	\$16.98	\$16.60	\$35,310
9	21-1012	Educational, Guidance, School, and Vocational Counselors	1,258	1,239	-19	-1.51	0	51	51	Master's degree	None	None	\$16.97	\$16.50	\$35,290
10	29-1123	Physical Therapists	583	604	21	3.60	21	28	49	Doctoral or professional degree	None	None	\$19.54	\$18.43	\$40,650

*Most openings occupations = occupations are projected to have the most job openings due to growth and the need to replace workers who leave the occupation permanently over the third quarter 2014 to third quarter 2016.

NA = Not Available

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

TOP 10 OCCUPATIONS/BACHELOR'S & ASSOCIATE'S DEGREE GAINING THE MOST NEW JOBS*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
1	29-1141	Registered Nurses	17,948	18,387	439	2.45	439	609	1,048	Associate's degree	None	None	\$16.22	\$15.13	\$33,740
2	13-1161	Market Research Analysts and Marketing Specialists	1,749	1,857	108	6.17	108	43	151	Bachelor's degree	None	None	\$16.99	\$13.69	\$35,350
3	29-2011	Medical and Clinical Laboratory Technologists	2,828	2,920	92	3.25	92	139	231	Bachelor's degree	None	None	\$15.19	\$14.23	\$31,590
4	13-2011	Accountants and Auditors	10,794	10,866	72	0.67	72	625	697	Bachelor's degree	None	None	\$17.58	\$15.44	\$36,560
5	27-2012	Producers and Directors	821	880	59	7.19	59	51	110	Bachelor's degree	Less than 5 years	None	NA	NA	NA
6	29-2034	Radiologic Technologists	1,418	1,471	53	3.74	53	32	85	Associate's degree	None	None	\$12.74	\$11.30	\$26,510
7	13-1111	Management Analysts	1,438	1,485	47	3.27	47	38	85	Bachelor's degree	Less than 5 years	None	\$24.69	\$22.03	\$51,350
8	15-1121	Computer Systems Analysts	1,149	1,193	44	3.83	44	32	76	Bachelor's degree	None	None	\$23.92	\$21.65	\$49,760
9	31-2021	Physical Therapist Assistants	574	614	40	6.97	40	23	63	Associate's degree	None	None	\$10.90	\$9.65	\$22,670
10	11-1021	General and Operations Managers	6,003	6,039	36	0.60	36	190	226	Bachelor's degree	Less than 5 years	None	\$36.33	\$30.46	\$75,560

*Occupations gaining the most new jobs = projected numeric growth in employment measures how many new jobs are expected to be added in each occupation. Top 10 occupations are projected to gain the most new jobs from third quarter 2014 to third quarter 2016.

NA = Not Available

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

TOP 10 OCCUPATIONS/BACHELOR'S & ASSOCIATE'S DEGREE WITH THE HIGHEST GROWTH RATES*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation** SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
1	29-2031	Cardiovascular Technologists and Technicians	346	373	27	7.80	27	8	35	Associate's degree	None	None	\$11.51	\$10.34	\$23,930
2	27-2012	Producers and Directors	821	880	59	7.19	59	51	110	Bachelor's degree	Less than 5 years	None	NA	NA	NA
3	15-1132	Software Developers, Applications	500	535	35	7.00	35	11	46	Bachelor's degree	None	None	\$24.97	\$24.24	\$51,930
4	31-2021	Physical Therapist Assistants	574	614	40	6.97	40	23	63	Associate's degree	None	None	\$10.90	\$9.65	\$22,670
5	13-1161	Market Research Analysts and Marketing Specialists	1,749	1,857	108	6.17	108	43	151	Bachelor's degree	None	None	\$16.99	\$13.69	\$35,350
6	29-2012	Medical and Clinical Laboratory Technicians	559	591	32	5.72	32	27	59	Associate's degree	None	None	\$12.12	\$11.22	\$25,200
7	27-1011	Art Directors	561	593	32	5.70	32	27	59	Bachelor's degree	5 years or more	None	\$27.69	\$24.22	\$57,590
8	49-9062	Medical Equipment Repairers	337	355	18	5.34	18	19	37	Associate's degree	None	Moderate-term on-the-job training	\$14.38	\$13.22	\$29,910
9	13-2052	Personal Financial Advisors	474	498	24	5.06	24	14	38	Bachelor's degree	None	None	\$20.55	\$17.45	\$42,740
10	17-1011	Architects, Except Landscape and Naval	342	359	17	4.97	17	16	33	Bachelor's degree	None	Internship/residency	\$27.76	\$23.34	\$57,740

*Occupations Highest Growth rates = projected percent growth in employment measures how fast an occupation is expected to add jobs. Top 10 occupations in the table are projected to grow the fastest over the third quarter 2014 to third quarter 2016.

**This table includes occupations with a minimum of 300 jobs in third quarter 2014.

NA = Not Available

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

TOP 10 OCCUPATIONS/BACHELOR'S & ASSOCIATE'S DEGREE MOST OPENINGS*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
1	29-1141	Registered Nurses	17,948	18,387	439	2.45	439	609	1,048	Associate's degree	None	None	\$16.22	\$15.13	\$33,740
2	13-2011	Accountants and Auditors	10,794	10,866	72	0.67	72	625	697	Bachelor's degree	None	None	\$17.58	\$15.44	\$36,560
3	25-2021	Elementary School Teachers, Except Special Education	13,986	13,760	-226	-1.62	0	602	602	Bachelor's degree	None	Internship/residency	NA	NA	\$33,760
4	25-2031	Secondary School Teachers, Except Special and Career/Technical Education	9,076	8,819	-257	-2.83	0	495	495	Bachelor's degree	None	Internship/residency	NA	NA	\$33,730
5	29-2011	Medical and Clinical Laboratory Technologists	2,828	2,920	92	3.25	92	139	231	Bachelor's degree	None	None	\$15.19	\$14.23	\$31,590
6	11-1021	General and Operations Managers	6,003	6,039	36	0.60	36	190	226	Bachelor's degree	Less than 5 years	None	\$36.33	\$30.46	\$75,560
7	25-2011	Preschool Teachers, Except Special Education	2,935	2,889	-46	-1.57	0	161	161	Associate's degree	None	None	\$11.75	\$10.98	\$24,440
8	13-1161	Market Research Analysts and Marketing Specialists	1,749	1,857	108	6.17	108	43	151	Bachelor's degree	None	None	\$16.99	\$13.69	\$35,350
9	17-2112	Industrial Engineers	2,600	2,560	-40	-1.54	0	147	147	Bachelor's degree	None	None	\$33.82	\$33.21	\$70,350
10	21-1021	Child, Family, and School Social Workers	3,465	3,337	-128	-3.69	0	142	142	Bachelor's degree	None	None	\$15.12	\$14.65	\$31,450

*Most openings occupations = occupations are projected to have the most job openings due to growth and the need to replace workers who leave the occupation permanently over the third quarter 2014 to third quarter 2016.

NA = Not Available

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

TOP 10 OCCUPATIONS/POSTSECONDARY NON-DEGREE AWARD & SOME COLLEGE, NO DEGREE GAINING THE MOST NEW JOBS*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
1	31-9091	Dental Assistants	2,173	2,266	93	4.28	93	83	176	Postsecondary non-degree award	None	None	\$8.53	\$8.53	\$17,740
2	15-1151	Computer User Support Specialists	2,890	2,952	62	2.15	62	80	142	Some college, no degree	None	Moderate-term on-the-job training	\$15.04	\$13.39	\$31,270
3	39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,726	2,787	61	2.24	61	124	185	Postsecondary non-degree award	None	None	\$9.62	\$9.04	\$20,010
4	29-2071	Medical Records and Health Information Technicians	1,390	1,437	47	3.38	47	69	116	Postsecondary non-degree award	None	None	\$10.82	\$9.24	\$22,510
5	27-4011	Audio and Video Equipment Technicians	711	753	42	5.91	42	23	65	Postsecondary non-degree award	None	Short-term on-the-job training	\$12.34	\$12.29	\$25,670
6	29-2061	Licensed Practical and Licensed Vocational Nurses	4,847	4,887	40	0.83	40	225	265	Postsecondary non-degree award	None	None	\$10.52	\$9.64	\$21,880
7	29-2055	Surgical Technologists	866	902	36	4.16	36	14	50	Postsecondary non-degree award	None	None	\$9.71	\$8.89	\$20,190
8	39-5094	Skincare Specialists	507	536	29	5.72	29	7	36	Postsecondary non-degree award	None	None	\$10.94	\$9.70	\$22,760
9	31-1014	Nursing Assistants	851	879	28	3.29	28	30	58	Postsecondary non-degree award	None	None	\$9.64	\$8.72	\$20,060
10	31-9097	Phlebotomists	347	367	20	5.76	20	12	32	Postsecondary non-degree award	None	None	\$10.51	\$9.84	\$21,860

*Occupations gaining the most new jobs = projected numeric growth in employment measures how many new jobs are expected to be added in each occupation. Top 10 occupations are projected to gain the most new jobs from third quarter 2014 to third quarter 2016.

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

TOP 10 OCCUPATIONS/POSTSECONDARY NON-DEGREE AWARD & SOME COLLEGE, NO DEGREE WITH THE HIGHEST GROWTH RATES*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation** SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
1	27-4011	Audio and Video Equipment Technicians	711	753	42	5.91	42	23	65	Postsecondary non-degree award	None	Short-term on-the-job training	\$12.34	\$12.29	\$25,670
2	31-9097	Phlebotomists	347	367	20	5.76	20	12	32	Postsecondary non-degree award	None	None	\$10.51	\$9.84	\$21,860
3	39-5094	Skincare Specialists	507	536	29	5.72	29	7	36	Postsecondary non-degree award	None	None	\$10.94	\$9.70	\$22,760
4	31-9091	Dental Assistants	2,173	2,266	93	4.28	93	83	176	Postsecondary non-degree award	None	None	\$8.53	\$8.53	\$17,740
5	29-2055	Surgical Technologists	866	902	36	4.16	36	14	50	Postsecondary non-degree award	None	None	\$9.71	\$8.89	\$20,190
6	29-2071	Medical Records and Health Information Technicians	1,390	1,437	47	3.38	47	69	116	Postsecondary non-degree award	None	None	\$10.82	\$9.24	\$22,510
7	31-1014	Nursing Assistants	851	879	28	3.29	28	30	58	Postsecondary non-degree award	None	None	\$9.64	\$8.72	\$20,060
8	31-9011	Massage Therapists	352	361	9	2.56	9	6	15	Postsecondary non-degree award	None	None	\$8.92	\$8.80	\$18,550
9	39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,726	2,787	61	2.24	61	124	185	Postsecondary non-degree award	None	None	\$9.62	\$9.04	\$20,010
10	15-1151	Computer User Support Specialists	2,890	2,952	62	2.15	62	80	142	Some college, no degree	None	Moderate-term on-the-job training	\$15.04	\$13.39	\$31,270

*Occupation Highest Growth rates = projected percent growth in employment measures how fast an occupation is expected to add jobs. Top 10 occupations in the table are projected to grow the fastest over the third quarter 2014 to third quarter 2016.

**This table includes occupations with a minimum of 300 jobs in third quarter 2014.

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

TOP 10 OCCUPATIONS/POSTSECONDARY NON-DEGREE AWARD & SOME COLLEGE, NO DEGREE MOST OPENINGS*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
1	53-3032	Heavy and Tractor-Trailer Truck Drivers	9,255	9,058	-197	-2.13	0	282	282	Postsecondary non-degree award	None	Short-term on-the-job training	\$9.17	\$8.77	\$19,070
2	29-2061	Licensed Practical and Licensed Vocational Nurses	4,847	4,887	40	0.83	40	225	265	Postsecondary non-degree award	None	None	\$10.52	\$9.64	\$21,880
3	25-9041	Teacher Assistants	6,221	6,085	-136	-2.19	0	264	264	Some college, no degree	None	None	NA	NA	\$18,870
4	39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,726	2,787	61	2.24	61	124	185	Postsecondary non-degree award	None	None	\$9.62	\$9.04	\$20,010
5	31-9091	Dental Assistants	2,173	2,266	93	4.28	93	83	176	Postsecondary non-degree award	None	None	\$8.53	\$8.53	\$17,740
6	15-1151	Computer User Support Specialists	2,890	2,952	62	2.15	62	80	142	Some college, no degree	None	Moderate-term on-the-job training	\$15.04	\$13.39	\$31,270
7	51-1011	First-Line Supervisors of Production and Operating Workers	4,658	4,577	-81	-1.74	0	131	131	Postsecondary non-degree award	Less than 5 years	None	\$19.24	\$16.75	\$40,020
8	29-2071	Medical Records and Health Information Technicians	1,390	1,437	47	3.38	47	69	116	Postsecondary non-degree award	None	None	\$10.82	\$9.24	\$22,510
9	29-2041	Emergency Medical Technicians and Paramedics	1,864	1,833	-31	-1.66	0	92	92	Postsecondary non-degree award	None	None	\$9.87	\$9.18	\$20,540
10	49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,590	1,558	-32	-2.01	0	79	79	Postsecondary non-degree award	None	Long-term on-the-job training	\$11.66	\$10.43	\$24,250

*Most openings occupations = occupations are projected to have the most job openings due to growth and the need to replace workers who leave the occupation permanently over the third quarter 2014 to third quarter 2016.

NA = Not Available

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

TOP 10 OCCUPATIONS/REQUIRING A HIGH SCHOOL DIPLOMA OR EQUIVALENT GAINING THE MOST NEW JOBS*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
1	33-9032	Security Guards	25,378	26,181	803	3.16	803	716	1,519	High school diploma or equivalent	None	Short-term on-the-job training	\$8.34	\$8.47	\$17,340
2	43-6013	Medical Secretaries	4,439	4,706	267	6.01	267	106	373	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.56	\$8.86	\$21,960
3	35-1012	First-Line Supervisors of Food Preparation and Serving Workers	7,941	8,207	266	3.35	266	475	741	High school diploma or equivalent	Less than 5 years	None	\$10.62	\$9.97	\$22,100
4	29-2052	Pharmacy Technicians	4,025	4,243	218	5.42	218	64	282	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.80	\$9.90	\$22,460
5	43-4051	Customer Service Representatives	13,654	13,868	214	1.57	214	717	931	High school diploma or equivalent	None	Short-term on-the-job training	\$10.88	\$9.39	\$22,630
6	41-1011	First-Line Supervisors of Retail Sales Workers	19,342	19,539	197	1.02	197	820	1,017	High school diploma or equivalent	Less than 5 years	None	\$13.60	\$12.24	\$28,290
7	41-3021	Insurance Sales Agents	3,580	3,747	167	4.66	167	164	331	High school diploma or equivalent	None	Moderate-term on-the-job training	\$16.65	\$14.59	\$34,630
8	43-3021	Billing and Posting Clerks	4,410	4,541	131	2.97	131	142	273	High school diploma or equivalent	None	Short-term on-the-job training	\$9.96	\$9.22	\$20,710
9	11-9051	Food Service Managers	2,697	2,825	128	4.75	128	88	216	High school diploma or equivalent	Less than 5 years	None	\$16.33	\$14.28	\$33,960
10	43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	24,417	24,530	113	0.46	113	581	694	High school diploma or equivalent	None	Short-term on-the-job training	\$10.03	\$9.06	\$20,850

*Occupations gaining the most new jobs = projected numeric growth in employment measures how many new jobs are expected to be added in each occupation. Top 10 occupations are projected to gain the most new jobs from third quarter 2014 to third quarter 2016.

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

TOP 10 OCCUPATIONS/REQUIRING A HIGH SCHOOL DIPLOMA OR EQUIVALENT WITH THE HIGHEST GROWTH RATES*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation** SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
1	39-9031	Fitness Trainers and Aerobics Instructors	327	365	38	11.62	38	7	45	High school diploma or equivalent	None	Short-term on-the-job training	\$14.85	\$9.25	\$30,880
2	39-3011	Gaming Dealers	526	563	37	7.03	37	15	52	High school diploma or equivalent	None	Short-term on-the-job training	\$8.85	\$8.75	\$18,410
3	43-4081	Hotel, Motel, and Resort Desk Clerks	866	926	60	6.93	60	85	145	High school diploma or equivalent	None	Short-term on-the-job training	\$8.61	\$8.61	\$17,900
4	39-1011	Gaming Supervisors	375	400	25	6.67	25	14	39	High school diploma or equivalent	Less than 5 years	None	\$16.39	\$15.55	\$34,100
5	43-6013	Medical Secretaries	4,439	4,706	267	6.01	267	106	373	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.56	\$8.86	\$21,960
6	29-2052	Pharmacy Technicians	4,025	4,243	218	5.42	218	64	282	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.80	\$9.90	\$22,460
7	51-9083	Ophthalmic Laboratory Technicians	935	982	47	5.03	47	63	110	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.88	\$10.60	\$22,640
8	29-2081	Opticians, Dispensing	817	858	41	5.02	41	43	84	High school diploma or equivalent	None	Long-term on-the-job training	\$9.72	\$9.61	\$20,220
9	11-9051	Food Service Managers	2,697	2,825	128	4.75	128	88	216	High school diploma or equivalent	Less than 5 years	None	\$16.33	\$14.28	\$33,960
10	13-2082	Tax Preparers	557	583	26	4.67	26	20	46	High school diploma or equivalent	None	Moderate-term on-the-job training	\$14.26	\$9.64	\$29,660

*Occupations Highest Growth rates = projected percent growth in employment measures how fast an occupation is expected to add jobs. Top 10 occupations in the table are projected to grow the fastest over the third quarter 2014 to third quarter 2016.

**This table includes occupations with a minimum of 300 jobs in third quarter 2014.

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

TOP 10 OCCUPATIONS/REQUIRING A HIGH SCHOOL DIPLOMA OR EQUIVALENT MOST OPENINGS OCCUPATIONS*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
1	33-9032	Security Guards	25,378	26,181	803	3.16	803	716	1,519	High school diploma or equivalent	None	Short-term on-the-job training	\$8.34	\$8.47	\$17,340
2	41-1011	First-Line Supervisors of Retail Sales Workers	19,342	19,539	197	1.02	197	820	1,017	High school diploma or equivalent	Less than 5 years	None	\$13.60	\$12.24	\$28,290
3	33-3051	Police and Sheriff's Patrol Officers	16,433	15,519	-914	-5.56	0	1,008	1,008	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.76	\$8.50	\$18,220
4	43-4051	Customer Service Representatives	13,654	13,868	214	1.57	214	717	931	High school diploma or equivalent	None	Short-term on-the-job training	\$10.88	\$9.39	\$22,630
5	43-9061	Office Clerks, General	22,641	22,028	-613	-2.71	0	931	931	High school diploma or equivalent	None	Short-term on-the-job training	\$9.91	\$8.98	\$20,620
6	35-1012	First-Line Supervisors of Food Preparation and Serving Workers	7,941	8,207	266	3.35	266	475	741	High school diploma or equivalent	Less than 5 years	None	\$10.62	\$9.97	\$22,100
7	43-1011	First-Line Supervisors of Office and Administrative Support Workers	14,481	14,532	51	0.35	51	676	727	High school diploma or equivalent	Less than 5 years	None	\$16.56	\$14.74	\$34,440
8	43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	24,417	24,530	113	0.46	113	581	694	High school diploma or equivalent	None	Short-term on-the-job training	\$10.03	\$9.06	\$20,850
9	43-6013	Medical Secretaries	4,439	4,706	267	6.01	267	106	373	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.56	\$8.86	\$21,960
10	41-3021	Insurance Sales Agents	3,580	3,747	167	4.66	167	164	331	High school diploma or equivalent	None	Moderate-term on-the-job training	\$16.65	\$14.59	\$34,630

*Most openings occupations = occupations are projected to have the most job openings due to growth and the need to replace workers who leave the occupation permanently over the third quarter 2014 to third quarter 2016.

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

TOP 10 OCCUPATIONS/REQUIRING LESS THAN A HIGH SCHOOL DIPLOMA GAINING THE MOST NEW JOBS*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
1	35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	10,573	11,171	598	5.66	598	1,013	1,611	Less than high school	None	Short-term on-the-job training	\$8.16	\$8.40	\$16,970
2	37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	30,432	30,894	462	1.52	462	1,028	1,490	Less than high school	None	Short-term on-the-job training	\$8.66	\$8.53	\$18,020
3	35-3031	Waiters and Waitresses	9,842	10,274	432	4.39	432	1,020	1,452	Less than high school	None	Short-term on-the-job training	\$8.25	\$8.41	\$17,150
4	35-2014	Cooks, Restaurant	5,434	5,765	331	6.09	331	217	548	Less than high school	Less than 5 years	Moderate-term on-the-job training	\$8.80	\$8.73	\$18,310
5	35-2011	Cooks, Fast Food	10,196	10,510	314	3.08	314	407	721	Less than high school	None	Short-term on-the-job training	\$8.12	\$8.41	\$16,890
6	37-2012	Maids and Housekeeping Cleaners	5,031	5,289	258	5.13	258	183	441	Less than high school	None	Short-term on-the-job training	\$8.51	\$8.57	\$17,690
7	39-9021	Personal Care Aides	6,072	6,292	220	3.62	220	67	287	Less than high school	None	Short-term on-the-job training	\$8.10	\$8.35	\$16,850
8	35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	4,893	5,061	168	3.43	168	940	1,108	Less than high school	None	Short-term on-the-job training	\$8.13	\$8.36	\$16,910
9	41-2011	Cashiers	30,529	30,685	156	0.51	156	3,281	3,437	Less than high school	None	Short-term on-the-job training	\$8.31	\$8.50	\$17,280
10	51-6031	Sewing Machine Operators	6,239	6,379	140	2.24	140	68	208	Less than high school	None	Short-term on-the-job training	\$8.20	\$8.48	\$17,060

*Occupations gaining the most new jobs = projected numeric growth in employment measures how many new jobs are expected to be added in each occupation. Top 10 occupations are projected to gain the most new jobs from third quarter 2014 to third quarter 2016.

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

TOP 10 OCCUPATIONS/REQUIRING LESS THAN A HIGH SCHOOL DIPLOMA WITH THE HIGHEST GROWTH RATES*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation** SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
1	39-3031	Ushers, Lobby Attendants, and Ticket Takers	880	951	71	8.07	71	130	201	Less than high school	None	Short-term on-the-job training	\$8.19	\$8.39	\$17,030
2	35-2014	Cooks, Restaurant	5,434	5,765	331	6.09	331	217	548	Less than high school	Less than 5 years	Moderate-term on-the-job training	\$8.80	\$8.73	\$18,310
3	39-3091	Amusement and Recreation Attendants	846	896	50	5.91	50	107	157	Less than high school	None	Short-term on-the-job training	\$8.33	\$8.41	\$17,330
4	35-3011	Bartenders	1,701	1,798	97	5.70	97	124	221	Less than high school	None	Short-term on-the-job training	\$8.39	\$8.51	\$17,460
5	35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	10,573	11,171	598	5.66	598	1,013	1,611	Less than high school	None	Short-term on-the-job training	\$8.16	\$8.40	\$16,970
6	31-1011	Home Health Aides	2,236	2,356	120	5.37	120	78	198	Less than high school	None	Short-term on-the-job training	\$8.21	\$8.41	\$17,090
7	35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	373	393	20	5.36	20	42	62	Less than high school	None	Short-term on-the-job training	\$8.60	\$8.58	\$17,890
8	37-2012	Maids and Housekeeping Cleaners	5,031	5,289	258	5.13	258	183	441	Less than high school	None	Short-term on-the-job training	\$8.51	\$8.57	\$17,690
9	35-3041	Food Servers, Nonrestaurant	363	380	17	4.68	17	21	38	Less than high school	None	Short-term on-the-job training	\$8.13	\$8.36	\$16,920
10	35-3031	Waiters and Waitresses	9,842	10,274	432	4.39	432	1,020	1,452	Less than high school	None	Short-term on-the-job training	\$8.25	\$8.41	\$17,150

*Occupations Highest Growth rates = projected percent growth in employment measures how fast an occupation is expected to add jobs. Top 10 occupations in the table are projected to grow the fastest over the third quarter 2014 to third quarter 2016.

**This table includes occupations with a minimum of 300 jobs in third quarter 2014.

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

TOP 10 OCCUPATIONS/REQUIRING LESS THAN A HIGH SCHOOL DIPLOMA MOST OPENINGS OCCUPATIONS*

THIRD QUARTER 2014 TO THIRD QUARTER 2016

Rank	SOC Code	Occupation SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
					Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
1	41-2011	Cashiers	30,529	30,685	156	0.51	156	3,281	3,437	Less than high school	None	Short-term on-the-job training	\$8.31	\$8.50	\$17,280
2	41-2031	Retail Salespersons	43,483	43,435	-48	-0.11	0	3,200	3,200	Less than high school	None	Short-term on-the-job training	\$9.01	\$8.62	\$18,750
3	35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	10,573	11,171	598	5.66	598	1,013	1,611	Less than high school	None	Short-term on-the-job training	\$8.16	\$8.40	\$16,970
4	37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	30,432	30,894	462	1.52	462	1,028	1,490	Less than high school	None	Short-term on-the-job training	\$8.66	\$8.53	\$18,020
5	35-3031	Waiters and Waitresses	9,842	10,274	432	4.39	432	1,020	1,452	Less than high school	None	Short-term on-the-job training	\$8.25	\$8.41	\$17,150
6	35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	4,893	5,061	168	3.43	168	940	1,108	Less than high school	None	Short-term on-the-job training	\$8.13	\$8.36	\$16,910
7	43-5081	Stock Clerks and Order Fillers	16,303	16,164	-139	-0.85	0	1,039	1,039	Less than high school	None	Short-term on-the-job training	\$9.06	\$8.68	\$18,850
8	53-7062	Laborers and Freight, Stock, and Material Movers, Hand	12,516	12,507	-9	-0.07	0	797	797	Less than high school	None	Short-term on-the-job training	\$10.55	\$8.92	\$21,940
9	35-2021	Food Preparation Workers	11,664	11,695	31	0.27	31	754	785	Less than high school	None	Short-term on-the-job training	\$8.83	\$8.76	\$18,370
10	37-3011	Landscaping and Groundskeeping Workers	12,791	12,891	100	0.78	100	646	746	Less than high school	None	Short-term on-the-job training	\$8.79	\$8.60	\$18,290

*Most openings occupations = occupations are projected to have the most job openings due to growth and the need to replace workers who leave the occupation permanently over the third quarter 2014 to third quarter 2016.

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
00-0000	Total, All Occupations**	1,011,714	1,012,872	1,158	0.11	12,555	47,452	60,007				\$13.23	\$9.42	\$27,510
11-0000	Management Occupations	77,590	78,635	1,045	1.35	1,222	2,987	4,209				\$33.90	\$28.05	\$70,500
11-1000	Top Executives	9,496	9,541	45	0.47	50	336	386						
11-1021	General and Operations Managers	6,003	6,039	36	0.60	36	190	226	Bachelor's degree	Less than 5 years	None	\$36.33	\$30.46	\$75,560
11-2000	Advertising, Marketing, Promotions, Public Relations, and Sales Managers	3,120	3,151	31	0.99	32	126	158						
11-2011	Advertising and Promotions Managers	201	206	5	2.49	5	12	17	Bachelor's degree	Less than 5 years	None	\$31.82	\$29.29	\$66,190
11-2021	Marketing Managers	755	773	18	2.38	18	30	48	Bachelor's degree	5 years or more	None	\$38.14	\$34.01	\$79,340
11-2022	Sales Managers	1,932	1,941	9	0.47	9	76	85	Bachelor's degree	Less than 5 years	None	\$38.88	\$32.83	\$80,860
11-2031	Public Relations and Fundraising Managers	232	231	-1	-0.43	0	8	8	Bachelor's degree	5 years or more	None	\$33.21	\$29.30	\$69,080
11-3000	Operations Specialties Managers	10,552	10,560	8	0.08	39	350	389						
11-3011	Administrative Services Managers	2,394	2,404	10	0.42	10	62	72	Bachelor's degree	Less than 5 years	None	\$26.44	\$22.94	\$55,000
11-3021	Computer and Information Systems Managers	1,040	1,052	12	1.15	12	21	33	Bachelor's degree	5 years or more	None	\$36.81	\$33.12	\$76,570
11-3031	Financial Managers	3,689	3,698	9	0.24	9	123	132	Bachelor's degree	5 years or more	None	\$35.96	\$31.00	\$74,800
11-3051	Industrial Production Managers	1,218	1,196	-22	-1.81	0	41	41	Bachelor's degree	5 years or more	None	\$46.86	\$44.74	\$97,460
11-3061	Purchasing Managers	294	292	-2	-0.68	0	11	11	Bachelor's degree	5 years or more	None	\$33.36	\$29.77	\$69,390
11-3071	Transportation, Storage, and Distribution Managers	757	751	-6	-0.79	0	32	32	High school diploma or equivalent	5 years or more	None	\$34.35	\$31.54	\$71,440
11-3111	Compensation and Benefits Managers	53	52	-1	-1.89	0	3	3	Bachelor's degree	5 years or more	None	\$41.01	\$37.71	\$85,310
11-3121	Human Resources Managers	1,026	1,033	7	0.68	7	53	60	Bachelor's degree	5 years or more	None	\$33.18	\$28.17	\$69,020
11-3131	Training and Development Managers	81	82	1	1.23	1	4	5	Bachelor's degree	5 years or more	None	\$31.10	\$25.98	\$64,680
11-9000	Other Management Occupations	54,422	55,383	961	1.77	1,101	2,175	3,276						
11-9021	Construction Managers	1,910	1,866	-44	-2.30	0	49	49	Bachelor's degree	None	Moderate-term on-the-job training	\$30.20	\$26.39	\$62,810
11-9031	Education Administrators, Preschool and Childcare Center/Program	171	169	-2	-1.17	0	9	9	Bachelor's degree	Less than 5 years	None	\$19.05	\$17.46	\$39,610
11-9032	Education Administrators, Elementary and Secondary School	2,003	1,948	-55	-2.75	0	107	107	Master's degree	5 years or more	None	NA	NA	\$45,440
11-9033	Education Administrators, Postsecondary	1,407	1,396	-11	-0.78	0	75	75	Master's degree	5 years or more	None	\$25.39	\$22.54	\$52,810
11-9039	Education Administrators, All Other	280	276	-4	-1.43	0	15	15	Bachelor's degree	Less than 5 years	None	\$43.22	\$49.78	\$89,900

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Due to Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
11-9041	Architectural and Engineering Managers	892	877	-15	-1.68	0	34	34	Bachelor's degree	5 years or more	None	\$46.29	\$44.77	\$96,280
11-9051	Food Service Managers	2,697	2,825	128	4.75	128	88	216	diploma or equivalent	Less than 5 years	None	\$16.33	\$14.28	\$33,960
11-9071	Gaming Managers	91	98	7	7.69	7	4	11	High school diploma or equivalent	Less than 5 years	None	\$26.05	\$22.10	\$54,190
11-9081	Lodging Managers	224	237	13	5.80	13	14	27	High school diploma or equivalent	Less than 5 years	None	\$28.07	\$23.28	\$58,390
11-9111	Medical and Health Services Managers	1,085	1,120	35	3.23	35	46	81	Bachelor's degree	None	None	\$35.86	\$28.45	\$74,600
11-9121	Natural Sciences Managers	64	64	0	0.00	0	3	3	Bachelor's degree	5 years or more	None	\$42.78	\$45.03	\$88,990
11-9131	Postmasters and Mail Superintendents	73	68	-5	-6.85	0	3	3	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	\$37.05	\$36.29	\$77,060
11-9141	Property, Real Estate, and Community Association Managers	354	369	15	4.24	15	15	30	High school diploma or equivalent	Less than 5 years	None	\$24.39	\$16.79	\$50,740
11-9151	Social and Community Service Managers	316	317	1	0.32	1	12	13	Bachelor's degree	5 years or more	None	\$21.68	\$17.91	\$45,090
11-9161	Emergency Management Directors	126	123	-3	-2.38	0	3	3	Bachelor's degree	5 years or more	None	\$18.26	\$16.05	\$37,980
11-9199	Managers, All Other	29,805	30,389	584	1.96	584	1,288	1,872	High school diploma or equivalent	Less than 5 years	None	\$29.88	\$26.69	\$62,150
13-0000	Business and Financial Operations Occupations	42,859	42,773	-86	-0.20	382	1,705	2,087				\$18.32	\$15.52	\$38,110
13-1000	Business Operations Specialists	24,036	23,887	-149	-0.62	234	735	969						
13-1021	Buyers and Purchasing Agents, Farm Products	100	101	1	1.00	1	3	4	High school diploma or equivalent	None	Long-term on-the-job training	\$16.85	\$14.73	\$35,040
13-1022	Wholesale and Retail Buyers, Except Farm Products	1,097	1,094	-3	-0.27	0	56	56	High school diploma or equivalent	None	Long-term on-the-job training	\$10.59	\$9.06	\$22,030
13-1023	Purchasing Agents, Except Wholesale, Retail, and Farm Products	2,115	2,086	-29	-1.37	0	76	76	High school diploma or equivalent	None	Long-term on-the-job training	\$17.28	\$15.06	\$35,930
13-1031	Claims Adjusters, Examiners, and Investigators	1,993	2,030	37	1.86	37	87	124	High school diploma or equivalent	None	Long-term on-the-job training	\$18.97	\$16.41	\$39,460
13-1032	Insurance Appraisers, Auto Damage	164	166	2	1.22	2	7	9	Postsecondary non-degree award	None	Moderate-term on-the-job training	\$15.51	\$15.26	\$32,260
13-1041	Compliance Officers	3,404	3,342	-62	-1.82	0	95	95	Bachelor's degree	None	Moderate-term on-the-job training	\$22.18	\$18.57	\$46,140

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
13-1051	Cost Estimators	328	312	-16	-4.88	0	20	20	Bachelor's degree	None	None	\$17.18	\$15.21	\$35,740
13-1071	Human Resources Specialists	2,478	2,432	-46	-1.86	0	79	79	Bachelor's degree	None	None	\$17.17	\$15.23	\$35,710
13-1075	Labor Relations Specialists	229	216	-13	-5.68	0	7	7	Bachelor's degree	None	None	\$19.85	\$18.37	\$41,290
13-1081	Logisticians	537	551	14	2.61	14	10	24	Bachelor's degree	None	None	\$22.95	\$21.68	\$47,730
13-1111	Management Analysts	1,438	1,485	47	3.27	47	38	85	Bachelor's degree	Less than 5 years	None	\$24.69	\$22.03	\$51,350
13-1121	Meeting, Convention, and Event Planners	469	491	22	4.69	22	12	34	Bachelor's degree	None	None	\$13.46	\$11.63	\$27,990
13-1141	Compensation, Benefits, and Job Analysis Specialists	258	247	-11	-4.26	0	8	8	Bachelor's degree	None	None	\$18.67	\$16.09	\$38,840
13-1151	Training and Development Specialists	751	749	-2	-0.27	0	24	24	Bachelor's degree	Less than 5 years	None	\$17.50	\$15.96	\$36,400
13-1161	Market Research Analysts and Marketing Specialists	1,749	1,857	108	6.17	108	43	151	Bachelor's degree	None	None	\$16.99	\$13.69	\$35,350
13-1199	Business Operations Specialists, All Other	6,891	6,690	-201	-2.92	0	169	169	High school diploma or equivalent	None	None	\$17.22	\$14.46	\$35,820
13-2000	Financial Specialists	18,823	18,886	63	0.33	148	970	1,118						
13-2011	Accountants and Auditors	10,794	10,866	72	0.67	72	625	697	Bachelor's degree	None	None	\$17.58	\$15.44	\$36,560
13-2021	Appraisers and Assessors of Real Estate	419	411	-8	-1.91	0	9	9	Bachelor's degree	None	Long-term on-the-job training	\$14.25	\$12.49	\$29,630
13-2031	Budget Analysts	583	552	-31	-5.32	0	42	42	Bachelor's degree	None	None	\$21.75	\$20.10	\$45,240
13-2041	Credit Analysts	663	672	9	1.36	9	36	45	Bachelor's degree	None	None	\$16.05	\$13.79	\$33,390
13-2051	Financial Analysts	1,284	1,292	8	0.62	8	59	67	Bachelor's degree	None	None	\$26.07	\$23.00	\$54,230
13-2052	Personal Financial Advisors	474	498	24	5.06	24	14	38	Bachelor's degree	None	None	\$20.55	\$17.45	\$42,740
13-2053	Insurance Underwriters	778	782	4	0.51	4	40	44	Bachelor's degree	None	Moderate-term on-the-job training	\$25.59	\$21.30	\$53,230
13-2061	Financial Examiners	397	394	-3	-0.76	0	19	19	Bachelor's degree	None	Moderate-term on-the-job training	\$18.82	\$15.36	\$39,140
13-2071	Credit Counselors	132	135	3	2.27	3	5	8	Bachelor's degree	None	Moderate-term on-the-job training	\$27.97	\$20.85	\$58,180
13-2072	Loan Officers	1,413	1,415	2	0.14	2	52	54	Bachelor's degree	None	Moderate-term on-the-job training	\$16.98	\$14.65	\$35,310

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
13-2081	Tax Examiners and Collectors, and Revenue Agents	570	541	-29	-5.09	0	38	38	Bachelor's degree	None	Moderate-term on-the-job training	\$12.86	\$9.28	\$26,750
13-2082	Tax Preparers	557	583	26	4.67	26	20	46	High school diploma or equivalent	None	Moderate-term on-the-job training	\$14.26	\$9.64	\$29,660
13-2099	Financial Specialists, All Other	759	745	-14	-1.84	0	11	11	Bachelor's degree	None	Moderate-term on-the-job training	\$16.09	\$12.46	\$33,470
15-0000	Computer and Mathematical Occupations	9,555	9,750	195	2.04	215	303	518				\$20.61	\$18.18	\$42,880
15-1100	Computer Occupations	9,181	9,373	192	2.09	212	284	496						
15-1121	Computer Systems Analysts	1,149	1,193	44	3.83	44	32	76	Bachelor's degree	None	None	\$23.92	\$21.65	\$49,760
15-1122	Information Security Analysts	233	250	17	7.30	17	6	23	Bachelor's degree	Less than 5 years	None	\$22.54	\$21.08	\$46,890
15-1131	Computer Programmers	1,399	1,410	11	0.79	11	73	84	Bachelor's degree	None	None	\$21.68	\$20.62	\$45,100
15-1132	Software Developers, Applications	500	535	35	7.00	35	11	46	Bachelor's degree	None	None	\$24.97	\$24.24	\$51,930
15-1133	Software Developers, Systems Software	214	228	14	6.54	14	5	19	Bachelor's degree	None	None	\$30.13	\$27.45	\$62,660
15-1141	Database Administrators	460	468	8	1.74	8	13	21	Bachelor's degree	Less than 5 years	None	\$22.87	\$20.88	\$47,570
15-1142	Network and Computer Systems Administrators	654	646	-8	-1.22	0	18	18	Bachelor's degree	None	None	\$22.31	\$21.19	\$46,400
15-1143	Computer Network Architects	394	407	13	3.30	13	11	24	Bachelor's degree	5 years or more	None	\$25.95	\$23.37	\$53,980
15-1151	Computer User Support Specialists	2,890	2,952	62	2.15	62	80	142	Some college, no degree	None	Moderate-term on-the-job training	\$15.04	\$13.39	\$31,270
15-1152	Computer Network Support Specialists	597	596	-1	-0.17	0	16	16	Associate's degree	None	None	\$18.50	\$17.06	\$38,470
15-1199	Computer Occupations, All Other	450	439	-11	-2.44	0	12	12	Bachelor's degree	None	None	\$29.32	\$30.07	\$60,980
15-2000	Mathematical Science Occupations	374	377	3	0.80	3	19	22						
15-2031	Operations Research Analysts	97	99	2	2.06	2	4	6	Bachelor's degree	None	None	\$30.70	\$27.45	\$63,850
15-2041	Statisticians	232	233	1	0.43	1	13	14	Master's degree	None	None	\$16.83	\$15.03	\$35,000
17-0000	Architecture and Engineering Occupations	13,947	13,789	-158	-1.13	109	632	741				\$25.87	\$23.44	\$53,820
17-1000	Architects, Surveyors, and Cartographers	537	548	11	2.05	22	23	45						
17-1011	Architects, Except Landscape and Naval	342	359	17	4.97	17	16	33	Bachelor's degree	None	Internship/residency	\$27.76	\$23.34	\$57,740
17-1022	Surveyors	124	114	-10	-8.06	0	4	4	Bachelor's degree	Less than 5 years	None	\$16.96	\$16.87	\$35,280
17-2000	Engineers	8,414	8,319	-95	-1.13	69	418	487						

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
17-2021	Agricultural Engineers	45	46	1	2.22	1	2	3	Bachelor's degree	None	None	\$24.53	\$21.69	\$51,020
17-2041	Chemical Engineers	108	110	2	1.85	2	5	7	Bachelor's degree	None	None	\$28.65	\$22.75	\$59,590
17-2051	Civil Engineers	1,952	1,878	-74	-3.79	0	88	88	Bachelor's degree	None	None	\$27.46	\$23.92	\$57,120
17-2061	Computer Hardware Engineers	480	476	-4	-0.83	0	21	21	Bachelor's degree	None	None	\$32.72	\$31.06	\$68,060
17-2071	Electrical Engineers	827	798	-29	-3.51	0	35	35	Bachelor's degree	None	None	\$32.57	\$32.80	\$67,750
17-2072	Electronics Engineers, Except Computer	239	233	-6	-2.51	0	10	10	Bachelor's degree	None	None	\$35.14	\$34.43	\$73,100
17-2081	Environmental Engineers	219	218	-1	-0.46	0	11	11	Bachelor's degree	None	None	\$31.87	\$32.05	\$66,290
17-2111	Health and Safety Engineers, Except Mining Safety Engineers and Inspectors	73	70	-3	-4.11	0	4	4	Bachelor's degree	None	None	\$34.10	\$34.45	\$70,940
17-2112	Industrial Engineers	2,600	2,560	-40	-1.54	0	147	147	Bachelor's degree	None	None	\$33.82	\$33.21	\$70,350
17-2141	Mechanical Engineers	937	970	33	3.52	33	63	96	Bachelor's degree	None	None	\$26.30	\$22.76	\$54,710
17-2199	Engineers, All Other	466	459	-7	-1.50	0	15	15	Bachelor's degree	None	None	\$30.10	\$28.21	\$62,600
17-3000	<i>Drafters, Engineering Technicians, and Mapping Technicians</i>	4,996	4,922	-74	-1.48	18	191	209						
17-3011	Architectural and Civil Drafters	357	352	-5	-1.40	0	10	10	Associate's degree	None	None	\$13.93	\$12.99	\$28,980
17-3013	Mechanical Drafters	292	296	4	1.37	4	8	12	Associate's degree	None	None	\$15.20	\$14.46	\$31,610
17-3019	Drafters, All Other	62	62	0	0.00	0	2	2	Associate's degree	None	None	\$15.69	\$13.93	\$32,630
17-3022	Civil Engineering Technicians	493	461	-32	-6.49	0	20	20	Associate's degree	None	None	\$12.89	\$11.44	\$26,820
17-3023	Electrical and Electronics Engineering Technicians	1,448	1,430	-18	-1.24	0	58	58	Associate's degree	None	None	\$19.34	\$18.34	\$40,230
17-3024	Electro-Mechanical Technicians	51	48	-3	-5.88	0	2	2	Associate's degree	None	None	\$23.85	\$24.95	\$49,620
17-3025	Environmental Engineering Technicians	218	214	-4	-1.83	0	9	9	Associate's degree	None	None	\$21.08	\$24.62	\$43,860
17-3026	Industrial Engineering Technicians	1,337	1,318	-19	-1.42	0	54	54	Associate's degree	None	None	\$19.98	\$18.24	\$41,570
17-3027	Mechanical Engineering Technicians	229	236	7	3.06	7	9	16	Associate's degree	None	None	\$15.95	\$15.38	\$33,180
17-3029	Engineering Technicians, Except Drafters, All Other	222	211	-11	-4.95	0	9	9	Associate's degree	None	None	\$19.63	\$18.93	\$40,840
17-3031	Surveying and Mapping Technicians	184	187	3	1.63	3	7	10	High school diploma or equivalent	None	Moderate-term on-the-job training	\$12.19	\$11.16	\$25,360

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

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				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
19-0000	Life, Physical, and Social Science Occupations	7,990	7,970	-20	-0.25	72	458	530				\$21.42	\$18.14	\$44,550
19-1000	Life Scientists	1,578	1,571	-7	-0.44	8	87	95						
19-1012	Food Scientists and Technologists	98	101	3	3.06	3	6	9	Bachelor's degree	None	None	\$17.11	\$17.67	\$35,580
19-1013	Soil and Plant Scientists	538	541	3	0.56	3	34	37	Bachelor's degree	None	None	\$22.30	\$21.65	\$46,390
19-1021	Biochemists and Biophysicists	37	38	1	2.70	1	2	3	Doctoral or professional degree	None	None	NA	NA	NA
19-1022	Microbiologists	215	211	-4	-1.86	0	12	12	Bachelor's degree	None	None	\$23.76	\$22.26	\$49,420
19-1041	Epidemiologists	54	55	1	1.85	1	2	3	Master's degree	None	None	\$18.15	\$17.66	\$37,750
19-1042	Medical Scientists, Except Epidemiologists	109	107	-2	-1.83	0	4	4	Doctoral or professional degree	None	None	\$24.23	\$15.81	\$50,400
19-1099	Life Scientists, All Other	162	159	-3	-1.85	0	6	6	Bachelor's degree	None	None	\$22.17	\$20.74	\$46,110
19-2000	Physical Scientists	2,317	2,277	-40	-1.73	4	124	128						
19-2021	Atmospheric and Space Scientists	34	34	0	0.00	0	2	2	Bachelor's degree	None	None	\$39.23	\$36.75	\$81,600
19-2031	Chemists	1,435	1,403	-32	-2.23	0	77	77	Bachelor's degree	None	None	\$27.95	\$26.10	\$58,140
19-2041	Environmental Scientists and Specialists, Including Health	543	531	-12	-2.21	0	31	31	Bachelor's degree	None	None	\$22.37	\$16.67	\$46,520
19-2042	Geoscientists, Except Hydrologists and Geographers	66	67	1	1.52	1	4	5	Bachelor's degree	None	None	\$35.11	\$28.13	\$73,030
19-2099	Physical Scientists, All Other	197	198	1	0.51	1	7	8	Bachelor's degree	None	None	\$23.43	\$17.64	\$48,740
19-3000	Social Scientists and Related Workers	1,264	1,280	16	1.27	28	63	91						
19-3011	Economists	94	91	-3	-3.19	0	6	6	Master's degree	None	None	\$18.76	\$17.07	\$39,020
19-3031	Clinical, Counseling, and School Psychologists	408	423	15	3.68	15	23	38	Doctoral or professional degree	None	Internship/residency	\$16.39	\$15.31	\$34,090
19-3039	Psychologists, All Other	394	407	13	3.30	13	22	35	Master's degree	None	Internship/residency	\$30.47	\$32.08	\$63,380
19-3099	Social Scientists and Related Workers, All Other	245	238	-7	-2.86	0	6	6	Bachelor's degree	None	None	\$24.36	\$21.84	\$50,680
19-4000	Life, Physical, and Social Science Technicians	2,831	2,842	11	0.39	32	184	216						
19-4011	Agricultural and Food Science Technicians	506	526	20	3.95	20	34	54	Associate's degree	None	Moderate-term on-the-job training	\$14.63	\$13.96	\$30,430
19-4021	Biological Technicians	318	314	-4	-1.26	0	19	19	Bachelor's degree	None	None	\$17.76	\$17.67	\$36,940

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
19-4031	Chemical Technicians	1,086	1,090	4	0.37	4	58	62	Associate's degree	None	Moderate-term on-the-job training	\$15.80	\$14.49	\$32,870
19-4091	Environmental Science and Protection Technicians, Including Health	142	148	6	4.23	6	11	17	Associate's degree	None	None	\$14.47	\$12.16	\$30,090
19-4093	Forest and Conservation Technicians	50	51	1	2.00	1	4	5	Associate's degree	None	None	\$15.45	\$13.05	\$32,140
19-4099	Life, Physical, and Social Science Technicians, All Other	579	569	-10	-1.73	0	46	46	Associate's degree	None	None	\$14.29	\$13.07	\$29,730
21-0000	Community and Social Service Occupations	15,758	15,322	-436	-2.77	48	707	755				\$13.49	\$12.59	\$28,050
21-1000	Counselors, Social Workers, and Other Community and Social Service Specialists	15,567	15,131	-436	-2.80	48	699	747						
21-1011	Substance Abuse and Behavioral Disorder Counselors	115	118	3	2.61	3	5	8	High school diploma or equivalent	None	Moderate-term on-the-job training	\$13.10	\$12.56	\$27,250
21-1012	Educational, Guidance, School, and Vocational Counselors	1,258	1,239	-19	-1.51	0	51	51	Master's degree	None	None	\$16.97	\$16.50	\$35,290
21-1014	Mental Health Counselors	175	180	5	2.86	5	7	12	Master's degree	None	Internship/residency	\$14.09	\$12.24	\$29,300
21-1015	Rehabilitation Counselors	340	329	-11	-3.24	0	14	14	Master's degree	None	None	\$14.51	\$13.87	\$30,180
21-1019	Counselors, All Other	316	311	-5	-1.58	0	13	13	Master's degree	None	None	\$15.44	\$13.51	\$32,120
21-1021	Child, Family, and School Social Workers	3,465	3,337	-128	-3.69	0	142	142	Bachelor's degree	None	None	\$15.12	\$14.65	\$31,450
21-1022	Healthcare Social Workers	606	624	18	2.97	18	25	43	Master's degree	None	None	\$13.47	\$12.75	\$28,010
21-1023	Mental Health and Substance Abuse Social Workers	288	301	13	4.51	13	12	25	Bachelor's degree	None	None	\$12.42	\$9.14	\$25,840
21-1029	Social Workers, All Other	1,087	1,070	-17	-1.56	0	45	45	Bachelor's degree	None	None	\$15.45	\$13.27	\$32,140
21-1091	Health Educators	506	513	7	1.38	7	25	32	Bachelor's degree	None	None	\$14.06	\$13.40	\$29,250
21-1092	Probation Officers and Correctional Treatment Specialists	572	529	-43	-7.52	0	28	28	Bachelor's degree	None	Short-term on-the-job training	\$15.01	\$15.17	\$31,230
21-1093	Social and Human Service Assistants	5,399	5,170	-229	-4.24	0	262	262	High school diploma or equivalent	None	Short-term on-the-job training	\$10.95	\$10.54	\$22,780
21-1094	Community Health Workers	220	222	2	0.91	2	11	13	High school diploma or equivalent	None	Short-term on-the-job training	\$12.50	\$11.97	\$26,010
21-1099	Community and Social Service Specialists, All Other	1,220	1,188	-32	-2.62	0	59	59	Master's degree	None	None	\$13.18	\$11.96	\$27,410
21-2000	Religious Workers	191	191	0	0.00	0	8	8						
21-2011	Clergy	157	157	0	0.00	0	6	6	Bachelor's degree	None	Moderate-term on-the-job training	\$15.07	\$13.22	\$31,350

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
23-0000	Legal Occupations	6,532	6,588	56	0.86	108	193	301				\$30.40	\$26.82	\$63,240
23-1000	Lawyers, Judges, and Related Workers	5,369	5,421	52	0.97	89	159	248						
23-1011	Lawyers	4,732	4,821	89	1.88	89	140	229	Doctoral or professional degree	None	None	\$32.82	\$28.97	\$68,260
23-1021	Administrative Law Judges, Adjudicators, and Hearing Officers	53	51	-2	-3.77	0	2	2	Doctoral or professional degree	Less than 5 years	Short-term on-the-job training	\$40.19	\$35.45	\$83,580
23-1022	Arbitrators, Mediators, and Conciliators	111	107	-4	-3.60	0	3	3	Bachelor's degree	Less than 5 years	Moderate-term on-the-job training	\$18.23	\$17.70	\$37,920
23-1023	Judges, Magistrate Judges, and Magistrates	473	442	-31	-6.55	0	14	14	Doctoral or professional degree	5 years or more	Short-term on-the-job training	\$42.98	\$43.50	\$89,390
23-2000	Legal Support Workers	1,163	1,167	4	0.34	19	34	53						
23-2011	Paralegals and Legal Assistants	546	559	13	2.38	13	16	29	Associate's degree	None	None	\$18.26	\$16.96	\$37,980
23-2099	Legal Support Workers, All Other	230	224	-6	-2.61	0	7	7	High school diploma or equivalent	None	Short-term on-the-job training	\$22.46	\$22.26	\$46,720
25-0000	Education, Training, and Library Occupations	64,078	62,924	-1,154	-1.80	62	2,564	2,626				\$16.90	\$15.18	\$35,160
25-1000	Postsecondary Teachers	12,262	12,171	-91	-0.74	61	338	399						
25-1011	Business Teachers, Postsecondary	1,014	1,003	-11	-1.08	0	28	28	Doctoral or professional degree	None	None	NA	NA	\$54,420
25-1021	Computer Science Teachers, Postsecondary	452	445	-7	-1.55	0	12	12	Doctoral or professional degree	None	None	NA	NA	\$89,610
25-1022	Mathematical Science Teachers, Postsecondary	153	150	-3	-1.96	0	4	4	Doctoral or professional degree	None	None	NA	NA	\$60,040
25-1031	Architecture Teachers, Postsecondary	38	37	-1	-2.63	0	1	1	Doctoral or professional degree	None	None	NA	NA	\$51,280
25-1032	Engineering Teachers, Postsecondary	395	388	-7	-1.77	0	11	11	Doctoral or professional degree	None	None	NA	NA	\$61,580
25-1042	Biological Science Teachers, Postsecondary	223	222	-1	-0.45	0	6	6	Doctoral or professional degree	None	None	NA	NA	\$83,450
25-1052	Chemistry Teachers, Postsecondary	176	174	-2	-1.14	0	5	5	Doctoral or professional degree	None	None	NA	NA	\$62,910
25-1054	Physics Teachers, Postsecondary	63	62	-1	-1.59	0	2	2	Doctoral or professional degree	None	None	NA	NA	\$69,850

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

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				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
25-1066	Psychology Teachers, Postsecondary	272	269	-3	-1.10	0	8	8	Doctoral or professional degree	None	None	NA	NA	\$59,070
25-1067	Sociology Teachers, Postsecondary	172	170	-2	-1.16	0	5	5	Doctoral or professional degree	None	None	NA	NA	\$57,840
25-1069	Social Sciences Teachers, Postsecondary, All Other	332	328	-4	-1.20	0	9	9	Doctoral or professional degree	None	None	NA	NA	\$72,070
25-1071	Health Specialties Teachers, Postsecondary	1,426	1,465	39	2.73	39	39	78	Doctoral or professional degree	Less than 5 years	None	NA	NA	\$57,110
25-1072	Nursing Instructors and Teachers, Postsecondary	834	856	22	2.64	22	23	45	Master's degree	Less than 5 years	None	NA	NA	\$66,730
25-1081	Education Teachers, Postsecondary	491	485	-6	-1.22	0	14	14	Doctoral or professional degree	None	None	NA	NA	\$49,260
25-1111	Criminal Justice and Law Enforcement Teachers, Postsecondary	61	60	-1	-1.64	0	2	2	Doctoral or professional degree	None	None	NA	NA	\$43,690
25-1112	Law Teachers, Postsecondary	158	157	-1	-0.63	0	4	4	Doctoral or professional degree	None	None	NA	NA	\$67,300
25-1113	Social Work Teachers, Postsecondary	48	47	-1	-2.08	0	1	1	Doctoral or professional degree	None	None	NA	NA	\$46,800
25-1121	Art, Drama, and Music Teachers, Postsecondary	187	179	-8	-4.28	0	5	5	Master's degree	None	None	NA	NA	\$40,670
25-1122	Communications Teachers, Postsecondary	32	31	-1	-3.12	0	1	1	Doctoral or professional degree	None	None	NA	NA	\$46,670
25-1123	English Language and Literature Teachers, Postsecondary	168	166	-2	-1.19	0	5	5	Doctoral or professional degree	None	None	NA	NA	\$53,870
25-1124	Foreign Language and Literature Teachers, Postsecondary	218	216	-2	-0.92	0	6	6	Doctoral or professional degree	None	None	NA	NA	\$46,670
25-1125	History Teachers, Postsecondary	142	140	-2	-1.41	0	4	4	Doctoral or professional degree	None	None	NA	NA	\$61,890
25-1126	Philosophy and Religion Teachers, Postsecondary	52	52	0	0.00	0	1	1	Doctoral or professional degree	None	None	NA	NA	\$47,000
25-1191	Graduate Teaching Assistants	691	679	-12	-1.74	0	19	19	Bachelor's degree	None	None	NA	NA	\$26,340

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
25-1193	Recreation and Fitness Studies Teachers, Postsecondary	68	67	-1	-1.47	0	2	2	Doctoral or professional degree	None	None	NA	NA	\$101,840
25-1194	Vocational Education Teachers, Postsecondary	1,769	1,739	-30	-1.70	0	49	49	Bachelor's degree	Less than 5 years	None	\$13.98	\$13.52	\$29,080
25-1199	Postsecondary Teachers, All Other	2,466	2,425	-41	-1.66	0	68	68	Doctoral or professional degree	None	None	NA	NA	\$53,070
	<i>Preschool, Primary, Secondary, and Special Education School Teachers</i>													
25-2000	School Teachers	32,841	32,128	-713	-2.17	0	1,520	1,520						
25-2011	Preschool Teachers, Except Special Education	2,935	2,889	-46	-1.57	0	161	161	Associate's degree	None	None	\$11.75	\$10.98	\$24,440
25-2012	Kindergarten Teachers, Except Special Education	117	115	-2	-1.71	0	6	6	Bachelor's degree	None	Internship/residency	NA	NA	\$18,010
25-2021	Elementary School Teachers, Except Special Education	13,986	13,760	-226	-1.62	0	602	602	Bachelor's degree	None	Internship/residency	NA	NA	\$33,760
25-2022	Middle School Teachers, Except Special and Career/Technical Education	653	643	-10	-1.53	0	28	28	Bachelor's degree	None	Internship/residency	NA	NA	\$21,110
25-2031	Secondary School Teachers, Except Special and Career/Technical Education	9,076	8,819	-257	-2.83	0	495	495	Bachelor's degree	None	Internship/residency	NA	NA	\$33,730
25-2032	Career/Technical Education Teachers, Secondary School	1,439	1,396	-43	-2.99	0	79	79	Bachelor's degree	Less than 5 years	Internship/residency	NA	NA	\$35,080
25-2052	Special Education Teachers, Kindergarten and Elementary School	1,471	1,429	-42	-2.86	0	47	47	Bachelor's degree	None	Internship/residency	NA	NA	\$34,690
25-2059	Special Education Teachers, All Other	1,240	1,209	-31	-2.50	0	40	40	Bachelor's degree	None	Internship/residency	NA	NA	\$29,200
25-3000	Other Teachers and Instructors	8,353	8,220	-133	-1.59	0	269	269						
25-3021	Self-Enrichment Education Teachers	736	733	-3	-0.41	0	24	24	High school diploma or equivalent	Less than 5 years	None	\$13.67	\$11.32	\$28,440
25-3099	Teachers and Instructors, All Other	7,422	7,296	-126	-1.70	0	239	239	Bachelor's degree	None	Internship/residency	NA	NA	NA
25-4000	Librarians, Curators, and Archivists	2,188	2,142	-46	-2.10	1	150	151						
25-4011	Archivists	43	44	1	2.33	1	2	3	Master's degree	None	None	\$11.79	\$9.76	\$24,530
25-4013	Museum Technicians and Conservators	37	36	-1	-2.70	0	1	1	Bachelor's degree	None	None	\$13.84	\$11.45	\$28,780
25-4021	Librarians	1,431	1,399	-32	-2.24	0	68	68	Master's degree	None	None	\$16.98	\$16.60	\$35,310
25-4031	Library Technicians	654	640	-14	-2.14	0	78	78	Postsecondary non-degree award	None	None	\$10.65	\$9.37	\$22,140
25-9000	Other Education, Training, and Library Occupations	8,434	8,263	-171	-2.03	0	287	287						
25-9011	Audio-Visual and Multimedia Collections Specialists	55	53	-2	-3.64	0	1	1	Bachelor's degree	Less than 5 years	None	\$16.85	\$18.10	\$35,050

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

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				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
25-9021	Farm and Home Management Advisors	555	541	-14	-2.52	0	6	6	Master's degree	None	None	\$17.82	\$16.51	\$37,060
25-9031	Instructional Coordinators	1,274	1,260	-14	-1.10	0	13	13	Master's degree	5 years or more	None	\$15.74	\$14.20	\$32,750
25-9041	Teacher Assistants	6,221	6,085	-136	-2.19	0	264	264	Some college, no degree	None	None	NA	NA	\$18,870
25-9099	Education, Training, and Library Workers, All Other	329	324	-5	-1.52	0	3	3	Bachelor's degree	None	None	\$20.61	\$14.03	\$42,870
27-0000	Arts, Design, Entertainment, Sports, and Media Occupations	10,776	11,131	355	3.29	367	455	822				\$16.92	\$13.16	\$35,190
27-1000	Art and Design Workers	3,235	3,331	96	2.97	96	164	260						
27-1011	Art Directors	561	593	32	5.70	32	27	59	Bachelor's degree	5 years or more	None	\$27.69	\$24.22	\$57,590
27-1014	Multimedia Artists and Animators	97	103	6	6.19	6	5	11	Bachelor's degree	None	Moderate-term on-the-job training	NA	NA	NA
27-1021	Commercial and Industrial Designers	123	125	2	1.63	2	6	8	Bachelor's degree	None	None	\$18.22	\$15.87	\$37,900
27-1023	Floral Designers	241	247	6	2.49	6	13	19	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.68	\$8.64	\$18,060
27-1024	Graphic Designers	1,399	1,426	27	1.93	27	73	100	Bachelor's degree	None	None	\$13.76	\$12.31	\$28,630
27-1025	Interior Designers	75	77	2	2.67	2	4	6	Bachelor's degree	None	None	\$17.13	\$13.50	\$35,630
27-1026	Merchandise Displayers and Window Trimmers	424	430	6	1.42	6	22	28	High school diploma or equivalent	None	Moderate-term on-the-job training	\$11.14	\$10.76	\$23,160
27-1027	Set and Exhibit Designers	59	63	4	6.78	4	3	7	Bachelor's degree	None	None	NA	NA	NA
27-2000	Entertainers and Performers, Sports and Related Workers	2,286	2,399	113	4.94	113	118	231						
27-2011	Actors	47	49	2	4.26	2	3	5	Some college, no degree	None	Long-term on-the-job training	NA	NA	NA
27-2012	Producers and Directors	821	880	59	7.19	59	51	110	Bachelor's degree	Less than 5 years	None	NA	NA	NA
27-2022	Coaches and Scouts	439	440	1	0.23	1	26	27	Bachelor's degree	None	None	NA	NA	\$19,940
27-2031	Dancers	66	68	2	3.03	2	4	6	High school diploma or equivalent	None	Long-term on-the-job training	NA	NA	NA
27-2032	Choreographers	159	163	4	2.52	4	9	13	High school diploma or equivalent	5 years or more	Long-term on-the-job training	NA	NA	NA
27-2042	Musicians and Singers	248	248	0	0.00	0	13	13	High school diploma or equivalent	None	Long-term on-the-job training	NA	NA	NA

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

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				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
27-2099	Entertainers and Performers, Sports and Related Workers, All Other	473	518	45	9.51	45	10	55	High school diploma or equivalent	None	None	\$10.52	\$9.21	NA
27-3000	Media and Communication Workers	2,982	3,073	91	3.05	91	116	207						
27-3011	Radio and Television Announcers	297	304	7	2.36	7	11	18	Bachelor's degree	None	None	\$9.28	\$8.71	\$19,300
27-3021	Broadcast News Analysts	88	89	1	1.14	1	6	7	Bachelor's degree	None	None	\$26.56	\$19.00	\$55,240
27-3022	Reporters and Correspondents	479	486	7	1.46	7	32	39	Bachelor's degree	None	None	\$19.80	\$19.31	\$41,180
27-3031	Public Relations Specialists	1,025	1,036	11	1.07	11	25	36	Bachelor's degree	None	None	\$17.89	\$13.92	\$37,200
27-3041	Editors	403	418	15	3.72	15	19	34	Bachelor's degree	Less than 5 years	None	\$22.53	\$20.19	\$46,870
27-3042	Technical Writers	101	108	7	6.93	7	6	13	Bachelor's degree	Less than 5 years	Short-term on-the-job training	\$16.97	\$14.79	\$35,300
27-3043	Writers and Authors	222	232	10	4.50	10	9	19	Bachelor's degree	None	Moderate-term on-the-job training	\$21.59	\$19.65	\$44,910
27-3091	Interpreters and Translators	285	317	32	11.23	32	6	38	Bachelor's degree	None	Short-term on-the-job training	\$23.11	\$22.90	\$48,060
27-4000	Media and Communication Equipment Workers	2,273	2,328	55	2.42	67	57	124						
27-4011	Audio and Video Equipment Technicians	711	753	42	5.91	42	23	65	Postsecondary non-degree award	None	Short-term on-the-job training	\$12.34	\$12.29	\$25,670
27-4012	Broadcast Technicians	238	239	1	0.42	1	8	9	Associate's degree	None	Short-term on-the-job training	\$14.59	\$14.62	\$30,350
27-4013	Radio Operators	269	260	-9	-3.35	0	9	9	High school diploma or equivalent	None	Short-term on-the-job training	\$8.64	\$8.53	\$17,980
27-4014	Sound Engineering Technicians	46	44	-2	-4.35	0	1	1	Postsecondary non-degree award	None	Short-term on-the-job training	NA	NA	NA
27-4021	Photographers	661	680	19	2.87	19	12	31	High school diploma or equivalent	None	Long-term on-the-job training	\$16.29	\$18.97	\$33,880
27-4031	Camera Operators, Television, Video, and Motion Picture	191	195	4	2.09	4	1	5	Bachelor's degree	None	None	\$15.94	\$16.50	\$33,160
27-4032	Film and Video Editors	67	68	1	1.49	1	1	2	Bachelor's degree	None	None	\$21.68	\$18.41	\$45,100
27-4099	Media and Communication Equipment Workers, All Other	90	89	-1	-1.11	0	2	2	High school diploma or equivalent	None	Short-term on-the-job training	\$17.08	\$11.19	\$35,520
29-0000	Healthcare Practitioners and Technical Occupations	51,875	53,317	1,442	2.78	1,495	1,875	3,370				\$17.06	\$13.68	\$35,490
29-1000	Health Diagnosing and Treating Practitioners	29,489	30,275	786	2.67	786	1,079	1,865						

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
29-1021	Dentists, General	417	434	17	4.08	17	20	37	Doctoral or professional degree	None	None	\$25.25	\$22.84	\$52,520
29-1031	Dietitians and Nutritionists	763	775	12	1.57	12	13	25	Bachelor's degree	None	Internship/residency	\$16.38	\$15.78	\$34,070
29-1051	Pharmacists	2,108	2,186	78	3.70	78	97	175	Doctoral or professional degree	None	None	\$38.87	\$41.71	\$80,850
29-1062	Family and General Practitioners	1,462	1,490	28	1.92	28	69	97	Doctoral or professional degree	None	Internship/residency	\$34.23	\$31.16	\$71,200
29-1063	Internists, General	150	155	5	3.33	5	7	12	Doctoral or professional degree	None	Internship/residency	\$43.01	\$32.48	\$89,460
29-1065	Pediatricians, General	135	140	5	3.70	5	6	11	Doctoral or professional degree	None	Internship/residency	\$29.58	\$30.34	\$61,530
29-1069	Physicians and Surgeons, All Other	1,216	1,220	4	0.33	4	58	62	Doctoral or professional degree	None	Internship/residency	\$59.68	\$35.87	\$124,130
29-1122	Occupational Therapists	245	248	3	1.22	3	3	6	Master's degree	None	None	\$19.66	\$17.05	\$40,890
29-1123	Physical Therapists	583	604	21	3.60	21	28	49	Doctoral or professional degree	None	None	\$19.54	\$18.43	\$40,650
29-1125	Recreational Therapists	88	88	0	0.00	0	3	3	Bachelor's degree	None	None	\$16.37	\$13.88	\$34,040
29-1126	Respiratory Therapists	422	430	8	1.90	8	9	17	Associate's degree	None	None	\$11.00	\$9.76	\$22,880
29-1127	Speech-Language Pathologists	116	119	3	2.59	3	3	6	Master's degree	None	None	\$21.93	\$20.28	\$45,610
29-1129	Therapists, All Other	115	117	2	1.74	2	2	4	Bachelor's degree	None	None	\$24.70	\$14.20	\$51,380
29-1131	Veterinarians	163	170	7	4.29	7	10	17	Doctoral or professional degree	None	None	\$29.30	\$26.90	\$60,950
29-1141	Registered Nurses	17,948	18,387	439	2.45	439	609	1,048	Associate's degree	None	None	\$16.22	\$15.13	\$33,740
29-1151	Nurse Anesthetists	317	323	6	1.89	6	11	17	Master's degree	None	None	\$25.91	\$26.06	\$53,890
29-1171	Nurse Practitioners	1,616	1,685	69	4.27	69	55	124	Master's degree	None	None	\$11.00	\$10.17	\$22,880
29-1199	Health Diagnosing and Treating Practitioners, All Other	357	361	4	1.12	4	13	17	Master's degree	None	None	\$23.68	\$23.91	\$49,250
29-2000	Health Technologists and Technicians	21,538	22,214	676	3.14	708	759	1,467						
29-2011	Medical and Clinical Laboratory Technologists	2,828	2,920	92	3.25	92	139	231	Bachelor's degree	None	None	\$15.19	\$14.23	\$31,590

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
29-2012	Medical and Clinical Laboratory Technicians	559	591	32	5.72	32	27	59	Associate's degree	None	None	\$12.12	\$11.22	\$25,200
29-2031	Cardiovascular Technologists and Technicians	346	373	27	7.80	27	8	35	Associate's degree	None	None	\$11.51	\$10.34	\$23,930
29-2032	Diagnostic Medical Sonographers	278	302	24	8.63	24	6	30	Associate's degree	None	None	\$11.69	\$11.63	\$24,320
29-2033	Nuclear Medicine Technologists	165	172	7	4.24	7	4	11	Associate's degree	None	None	\$18.77	\$17.96	\$39,050
29-2034	Radiologic Technologists	1,418	1,471	53	3.74	53	32	85	Associate's degree	None	None	\$12.74	\$11.30	\$26,510
29-2035	Magnetic Resonance Imaging Technologists	216	224	8	3.70	8	5	13	Associate's degree	Less than 5 years	None	\$14.98	\$14.79	\$31,150
29-2041	Emergency Medical Technicians and Paramedics	1,864	1,833	-31	-1.66	0	92	92	Postsecondary non-degree award	None	None	\$9.87	\$9.18	\$20,540
29-2051	Dietetic Technicians	66	66	0	0.00	0	1	1	Associate's degree	None	None	\$12.32	\$11.73	\$25,630
29-2052	Pharmacy Technicians	4,025	4,243	218	5.42	218	64	282	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.80	\$9.90	\$22,460
29-2053	Psychiatric Technicians	55	54	-1	-1.82	0	1	1	Postsecondary non-degree award	None	Short-term on-the-job training	\$11.47	\$9.02	\$23,850
29-2054	Respiratory Therapy Technicians	436	453	17	3.90	17	7	24	Associate's degree	None	Moderate-term on-the-job training	\$9.42	\$9.06	\$19,600
29-2055	Surgical Technologists	866	902	36	4.16	36	14	50	Postsecondary non-degree award	None	None	\$9.71	\$8.89	\$20,190
29-2056	Veterinary Technologists and Technicians	168	175	7	4.17	7	3	10	Associate's degree	None	None	\$14.29	\$13.50	\$29,720
29-2061	Licensed Practical and Licensed Vocational Nurses	4,847	4,887	40	0.83	40	225	265	Postsecondary non-degree award	None	None	\$10.52	\$9.64	\$21,880
29-2071	Medical Records and Health Information Technicians	1,390	1,437	47	3.38	47	69	116	Postsecondary non-degree award	None	None	\$10.82	\$9.24	\$22,510
29-2081	Opticians, Dispensing	817	858	41	5.02	41	43	84	High school diploma or equivalent	None	Long-term on-the-job training	\$9.72	\$9.61	\$20,220
29-2091	Orthotists and Prosthetists	36	38	2	5.56	2	1	3	Master's degree	None	Internship/residency	\$23.57	\$20.60	\$49,030
29-2092	Hearing Aid Specialists	83	95	12	14.46	12	1	13	High school diploma or equivalent	None	None	NA	NA	NA

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
29-2099	Health Technologists and Technicians, All Other	435	447	12	2.76	12	7	19	High school diploma or equivalent	None	None	\$14.56	\$13.53	\$30,280
29-9000	Other Healthcare Practitioners and Technical Occupations	848	828	-20	-2.36	1	37	38						
29-9011	Occupational Health and Safety Specialists	619	600	-19	-3.07	0	27	27	Bachelor's degree	None	Short-term on-the-job training	\$18.71	\$16.82	\$38,910
29-9099	Healthcare Practitioners and Technical Workers, All Other	119	120	1	0.84	1	5	6	Bachelor's degree	None	None	\$22.82	\$10.90	\$47,460
31-0000	Healthcare Support Occupations	11,413	11,848	435	3.81	455	405	860				\$9.44	\$8.83	\$19,630
31-1000	Nursing, Psychiatric, and Home Health Aides	3,649	3,813	164	4.49	164	128	292						
31-1011	Home Health Aides	2,236	2,356	120	5.37	120	78	198	Less than high school	None	Short-term on-the-job training	\$8.21	\$8.41	\$17,090
31-1014	Nursing Assistants	851	879	28	3.29	28	30	58	Postsecondary non-degree award	None	None	\$9.64	\$8.72	\$20,060
31-1015	Orderlies	562	578	16	2.85	16	20	36	High school diploma or equivalent	None	Short-term on-the-job training	\$8.96	\$8.66	\$18,640
31-2000	Occupational Therapy and Physical Therapist Assistants and Aides	861	916	55	6.39	55	36	91						
31-2021	Physical Therapist Assistants	574	614	40	6.97	40	23	63	Associate's degree	None	None	\$10.90	\$9.65	\$22,670
31-2022	Physical Therapist Aides	53	57	4	7.55	4	2	6	High school diploma or equivalent	None	Short-term on-the-job training	\$10.75	\$9.10	\$22,350
31-9000	Other Healthcare Support Occupations	6,903	7,119	216	3.13	236	241	477						
31-9011	Massage Therapists	352	361	9	2.56	9	6	15	Postsecondary non-degree award	None	None	\$8.92	\$8.80	\$18,550
31-9091	Dental Assistants	2,173	2,266	93	4.28	93	83	176	Postsecondary non-degree award	None	None	\$8.53	\$8.53	\$17,740
31-9092	Medical Assistants	221	231	10	4.52	10	8	18	Postsecondary non-degree award	None	None	\$12.75	\$10.36	\$26,520
31-9093	Medical Equipment Preparers	163	166	3	1.84	3	6	9	High school diploma or equivalent	None	Moderate-term on-the-job training	\$11.15	\$9.78	\$23,200
31-9094	Medical Transcriptionists	209	213	4	1.91	4	7	11	Postsecondary non-degree award	None	None	\$12.12	\$11.95	\$25,210
31-9095	Pharmacy Aides	2,256	2,344	88	3.90	88	78	166	High school diploma or equivalent	None	Short-term on-the-job training	\$9.54	\$9.36	\$19,840

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
31-9096	Veterinary Assistants and Laboratory Animal Caretakers	315	324	9	2.86	9	11	20	High school diploma or equivalent	None	Short-term on-the-job training	\$9.40	\$9.55	\$19,550
31-9097	Phlebotomists	347	367	20	5.76	20	12	32	Postsecondary non-degree award	None	None	\$10.51	\$9.84	\$21,860
31-9099	Healthcare Support Workers, All Other	867	847	-20	-2.31	0	30	30	High school diploma or equivalent	None	None	\$11.83	\$10.30	\$24,600
33-0000	Protective Service Occupations	56,976	56,112	-864	-1.52	847	2,741	3,588				\$9.67	\$8.73	\$20,120
33-1000	Supervisors of Protective Service Workers	4,525	4,332	-193	-4.27	12	262	274						
33-1012	First-Line Supervisors of Police and Detectives	2,967	2,806	-161	-5.43	0	181	181	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	\$10.62	\$8.95	\$22,090
33-1099	First-Line Supervisors of Protective Service Workers, All Other	906	918	12	1.32	12	41	53	High school diploma or equivalent	Less than 5 years	None	\$13.59	\$11.67	\$28,260
33-2000	Fire Fighting and Prevention Workers	1,679	1,569	-110	-6.55	0	87	87						
33-3000	Law Enforcement Workers	23,239	21,901	-1,338	-5.76	1	1,350	1,351						
33-3011	Bailiffs	966	904	-62	-6.42	0	50	50	High school diploma or equivalent	None	Moderate-term on-the-job training	\$14.28	\$14.54	\$29,700
33-3012	Correctional Officers and Jailers	5,144	4,802	-342	-6.65	0	265	265	High school diploma or equivalent	None	Moderate-term on-the-job training	\$12.29	\$12.60	\$25,560
33-3021	Detectives and Criminal Investigators	680	659	-21	-3.09	0	26	26	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	\$31.77	\$23.33	\$66,080
33-3051	Police and Sheriff's Patrol Officers	16,433	15,519	-914	-5.56	0	1,008	1,008	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.76	\$8.50	\$18,220
33-9000	Other Protective Service Workers	27,533	28,310	777	2.82	834	1,042	1,876						
33-9031	Gaming Surveillance Officers and Gaming Investigators	155	164	9	5.81	9	4	13	High school diploma or equivalent	None	Short-term on-the-job training	\$9.90	\$9.21	\$20,590
33-9032	Security Guards	25,378	26,181	803	3.16	803	716	1,519	High school diploma or equivalent	None	Short-term on-the-job training	\$8.34	\$8.47	\$17,340
33-9092	Lifeguards, Ski Patrol, and Other Recreational Protective Service Workers	199	204	5	2.51	5	42	47	High school diploma or equivalent	None	Short-term on-the-job training	\$8.95	\$8.58	\$18,620
33-9093	Transportation Security Screeners	561	575	14	2.50	14	30	44	High school diploma or equivalent	None	Short-term on-the-job training	\$14.98	\$16.79	\$31,160
33-9099	Protective Service Workers, All Other	1,164	1,107	-57	-4.90	0	246	246	High school diploma or equivalent	None	Short-term on-the-job training	\$12.16	\$12.05	\$25,300

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
35-0000	Food Preparation and Serving Related Occupations	72,673	75,224	2,551	3.51	2,551	5,814	8,365				\$8.67	\$8.57	\$18,020
35-1000	Supervisors of Food Preparation and Serving Workers	8,744	9,043	299	3.42	299	498	797						
35-1011	Chefs and Head Cooks	803	836	33	4.11	33	23	56	High school diploma or equivalent	5 years or more	None	\$13.20	\$11.69	\$27,460
35-1012	First-Line Supervisors of Food Preparation and Serving Workers	7,941	8,207	266	3.35	266	475	741	High school diploma or equivalent	Less than 5 years	None	\$10.62	\$9.97	\$22,100
35-2000	Cooks and Food Preparation Workers	32,530	33,296	766	2.35	766	1,586	2,352						
35-2011	Cooks, Fast Food	10,196	10,510	314	3.08	314	407	721	Less than high school	None	Short-term on-the-job training	\$8.12	\$8.41	\$16,890
35-2012	Cooks, Institution and Cafeteria	4,236	4,297	61	1.44	61	169	230	Less than high school	None	Short-term on-the-job training	\$8.53	\$8.57	\$17,740
35-2014	Cooks, Restaurant	5,434	5,765	331	6.09	331	217	548	Less than high school	Less than 5 years	Moderate-term on-the-job training	\$8.80	\$8.73	\$18,310
35-2021	Food Preparation Workers	11,664	11,695	31	0.27	31	754	785	Less than high school	None	Short-term on-the-job training	\$8.83	\$8.76	\$18,370
35-3000	Food and Beverage Serving Workers	27,372	28,684	1,312	4.79	1,312	3,118	4,430						
35-3011	Bartenders	1,701	1,798	97	5.70	97	124	221	Less than high school	None	Short-term on-the-job training	\$8.39	\$8.51	\$17,460
35-3021	Combined Food Preparation and Serving Workers, Including Fast Food	10,573	11,171	598	5.66	598	1,013	1,611	Less than high school	None	Short-term on-the-job training	\$8.16	\$8.40	\$16,970
35-3022	Counter Attendants, Cafeteria, Food Concession, and Coffee Shop	4,893	5,061	168	3.43	168	940	1,108	Less than high school	None	Short-term on-the-job training	\$8.13	\$8.36	\$16,910
35-3031	Waiters and Waitresses	9,842	10,274	432	4.39	432	1,020	1,452	Less than high school	None	Short-term on-the-job training	\$8.25	\$8.41	\$17,150
35-3041	Food Servers, Nonrestaurant	363	380	17	4.68	17	21	38	Less than high school	None	Short-term on-the-job training	\$8.13	\$8.36	\$16,920
35-9000	Other Food Preparation and Serving Related Workers	4,027	4,201	174	4.32	174	612	786						
35-9011	Dining Room and Cafeteria Attendants and Bartender Helpers	373	393	20	5.36	20	42	62	Less than high school	None	Short-term on-the-job training	\$8.60	\$8.58	\$17,890
35-9021	Dishwashers	2,043	2,129	86	4.21	86	235	321	Less than high school	None	Short-term on-the-job training	\$8.38	\$8.51	\$17,420
35-9031	Hosts and Hostesses, Restaurant, Lounge, and Coffee Shop	1,476	1,537	61	4.13	61	316	377	Less than high school	None	None	\$8.26	\$8.44	\$17,180
35-9099	Food Preparation and Serving Related Workers, All Other	135	142	7	5.19	7	19	26	Less than high school	None	Short-term on-the-job training	\$8.67	\$8.52	\$18,040
37-0000	Building and Grounds Cleaning and Maintenance Occupations	53,673	54,614	941	1.75	962	2,051	3,013				\$8.93	\$8.59	\$18,580
37-1000	Supervisors of Building and Grounds Cleaning and Maintenance Workers	4,152	4,276	124	2.99	124	129	253						

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
37-1011	First-Line Supervisors of Housekeeping and Janitorial Workers	2,305	2,397	92	3.99	92	96	188	High school diploma or equivalent	Less than 5 years	None	\$11.37	\$10.41	\$23,640
37-1012	First-Line Supervisors of Landscaping, Lawn Service, and Groundskeeping Workers	1,847	1,879	32	1.73	32	33	65	High school diploma or equivalent	Less than 5 years	None	\$14.30	\$12.18	\$29,750
37-2000	Building Cleaning and Pest Control Workers	35,837	36,567	730	2.04	730	1,231	1,961						
37-2011	Janitors and Cleaners, Except Maids and Housekeeping Cleaners	30,432	30,894	462	1.52	462	1,028	1,490	Less than high school	None	Short-term on-the-job training	\$8.66	\$8.53	\$18,020
37-2012	Maids and Housekeeping Cleaners	5,031	5,289	258	5.13	258	183	441	Less than high school	None	Short-term on-the-job training	\$8.51	\$8.57	\$17,690
37-2021	Pest Control Workers	374	384	10	2.67	10	20	30	High school diploma or equivalent	None	Moderate-term on-the-job training	\$11.40	\$9.71	\$23,710
37-3000	Grounds Maintenance Workers	13,684	13,771	87	0.64	108	691	799						
37-3011	Landscaping and Groundskeeping Workers	12,791	12,891	100	0.78	100	646	746	Less than high school	None	Short-term on-the-job training	\$8.79	\$8.60	\$18,290
37-3012	Pesticide Handlers, Sprayers, and Applicators, Vegetation	50	50	0	0.00	0	3	3	High school diploma or equivalent	None	Moderate-term on-the-job training	NA	NA	NA
37-3013	Tree Trimmers and Pruners	622	601	-21	-3.38	0	31	31	High school diploma or equivalent	None	Short-term on-the-job training	\$16.36	\$16.36	\$34,040
37-3019	Grounds Maintenance Workers, All Other	221	229	8	3.62	8	11	19	Less than high school	None	Short-term on-the-job training	\$13.23	\$11.64	\$27,530
39-0000	Personal Care and Service Occupations	22,691	23,441	750	3.31	767	985	1,752				\$8.97	\$8.55	\$18,660
39-1000	Supervisors of Personal Care and Service Workers	2,473	2,593	120	4.85	120	83	203						
39-1011	Gaming Supervisors	375	400	25	6.67	25	14	39	High school diploma or equivalent	Less than 5 years	None	\$16.39	\$15.55	\$34,100
39-1012	Slot Supervisors	179	190	11	6.15	11	7	18	High school diploma or equivalent	Less than 5 years	None	\$14.44	\$13.76	\$30,030
39-1021	First-Line Supervisors of Personal Service Workers	1,919	2,003	84	4.38	84	62	146	High school diploma or equivalent	Less than 5 years	None	\$11.94	\$10.61	\$24,830
39-2000	Animal Care and Service Workers	489	511	22	4.50	22	18	40						
39-2011	Animal Trainers	134	142	8	5.97	8	10	18	High school diploma or equivalent	None	Moderate-term on-the-job training	NA	NA	NA
39-2021	Nonfarm Animal Caretakers	355	369	14	3.94	14	8	22	Less than high school	None	Short-term on-the-job training	\$8.60	\$8.56	\$17,890
39-3000	Entertainment Attendants and Related Workers	2,569	2,746	177	6.89	177	286	463						
39-3011	Gaming Dealers	526	563	37	7.03	37	15	52	High school diploma or equivalent	None	Short-term on-the-job training	\$8.85	\$8.75	\$18,410

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
39-3021	Motion Picture Projectionists	121	128	7	5.79	7	12	19	Less than high school	None	Short-term on-the-job training	\$8.63	\$8.57	\$17,960
39-3031	Ushers, Lobby Attendants, and Ticket Takers	880	951	71	8.07	71	130	201	Less than high school	None	Short-term on-the-job training	\$8.19	\$8.39	\$17,030
39-3091	Amusement and Recreation Attendants	846	896	50	5.91	50	107	157	Less than high school	None	Short-term on-the-job training	\$8.33	\$8.41	\$17,330
39-3093	Locker Room, Coatroom, and Dressing Room Attendants	172	182	10	5.81	10	22	32	High school diploma or equivalent	None	Short-term on-the-job training	\$9.89	\$10.15	\$20,580
39-4000	Funeral Service Workers	403	388	-15	-3.72	0	17	17						
39-4021	Funeral Attendants	362	349	-13	-3.59	0	15	15	High school diploma or equivalent	None	Short-term on-the-job training	\$9.14	\$8.71	\$19,010
39-5000	Personal Appearance Workers	3,473	3,570	97	2.79	97	137	234						
39-5012	Hairdressers, Hairstylists, and Cosmetologists	2,726	2,787	61	2.24	61	124	185	Postsecondary non-degree award	None	None	\$9.62	\$9.04	\$20,010
39-5092	Manicurists and Pedicurists	162	166	4	2.47	4	2	6	Postsecondary non-degree award	None	None	\$8.65	\$8.47	\$17,990
39-5094	Skincare Specialists	507	536	29	5.72	29	7	36	Postsecondary non-degree award	None	None	\$10.94	\$9.70	\$22,760
39-6000	Baggage Porters, Bellhops, and Concierges	726	742	16	2.20	16	34	50						
39-7000	Tour and Travel Guides	537	540	3	0.56	4	54	58						
39-7011	Tour Guides and Escorts	503	507	4	0.80	4	51	55	High school diploma or equivalent	None	Moderate-term on-the-job training	\$9.28	\$8.69	\$19,310
39-7012	Travel Guides	34	33	-1	-2.94	0	3	3	High school diploma or equivalent	None	Moderate-term on-the-job training	NA	NA	NA
39-9000	Other Personal Care and Service Workers	12,021	12,351	330	2.75	331	356	687						
39-9011	Childcare Workers	3,608	3,660	52	1.44	52	217	269	High school diploma or equivalent	None	Short-term on-the-job training	\$8.20	\$8.41	\$17,060
39-9021	Personal Care Aides	6,072	6,292	220	3.62	220	67	287	Less than high school	None	Short-term on-the-job training	\$8.10	\$8.35	\$16,850
39-9031	Fitness Trainers and Aerobics Instructors	327	365	38	11.62	38	7	45	High school diploma or equivalent	None	Short-term on-the-job training	\$14.85	\$9.25	\$30,880
39-9032	Recreation Workers	1,456	1,458	2	0.14	2	32	34	Bachelor's degree	None	None	\$8.62	\$8.57	\$17,930
39-9041	Residential Advisors	68	67	-1	-1.47	0	6	6	High school diploma or equivalent	None	Short-term on-the-job training	\$11.91	\$10.72	\$24,770

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
39-9099	Personal Care and Service Workers, All Other	490	509	19	3.88	19	27	46	High school diploma or equivalent	None	Short-term on-the-job training	\$8.79	\$8.57	\$18,280
41-0000	Sales and Related Occupations	125,274	125,995	721	0.58	847	8,605	9,452				\$10.60	\$8.86	\$22,060
41-1000	Supervisors of Sales Workers	22,579	22,815	236	1.05	236	904	1,140						
41-1011	First-Line Supervisors of Retail Sales Workers	19,342	19,539	197	1.02	197	820	1,017	High school diploma or equivalent	Less than 5 years	None	\$13.60	\$12.24	\$28,290
41-1012	First-Line Supervisors of Non-Retail Sales Workers	3,237	3,276	39	1.20	39	84	123	High school diploma or equivalent	Less than 5 years	None	\$19.73	\$17.33	\$41,040
41-2000	Retail Sales Workers	77,637	77,727	90	0.12	161	6,676	6,837						
41-2011	Cashiers	30,529	30,685	156	0.51	156	3,281	3,437	Less than high school	None	Short-term on-the-job training	\$8.31	\$8.50	\$17,280
41-2012	Gaming Change Persons and Booth Cashiers	139	144	5	3.60	5	15	20	High school diploma or equivalent	None	Short-term on-the-job training	\$9.69	\$9.68	\$20,150
41-2021	Counter and Rental Clerks	1,515	1,496	-19	-1.25	0	89	89	Less than high school	None	Short-term on-the-job training	\$9.73	\$8.89	\$20,230
41-2022	Parts Salespersons	1,971	1,967	-4	-0.20	0	91	91	Less than high school	None	Moderate-term on-the-job training	\$10.48	\$8.86	\$21,810
41-2031	Retail Salespersons	43,483	43,435	-48	-0.11	0	3,200	3,200	Less than high school	None	Short-term on-the-job training	\$9.01	\$8.62	\$18,750
41-3000	Sales Representatives, Services	7,916	8,132	216	2.73	217	384	601						
41-3011	Advertising Sales Agents	676	686	10	1.48	10	39	49	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.13	\$14.67	\$37,710
41-3021	Insurance Sales Agents	3,580	3,747	167	4.66	167	164	331	High school diploma or equivalent	None	Moderate-term on-the-job training	\$16.65	\$14.59	\$34,630
41-3031	Securities, Commodities, and Financial Services Sales Agents	519	525	6	1.16	6	25	31	Bachelor's degree	None	Moderate-term on-the-job training	\$35.94	\$24.72	\$74,760
41-3041	Travel Agents	508	507	-1	-0.20	0	16	16	High school diploma or equivalent	None	Moderate-term on-the-job training	\$13.76	\$13.17	\$28,630
41-3099	Sales Representatives, Services, All Other	2,633	2,667	34	1.29	34	140	174	High school diploma or equivalent	None	Short-term on-the-job training	\$13.41	\$11.02	\$27,880
41-4000	Sales Representatives, Wholesale and Manufacturing	9,798	9,748	-50	-0.51	0	380	380						
41-4011	Sales Representatives, Wholesale and Manufacturing, Technical and Scientific Products	1,840	1,828	-12	-0.65	0	71	71	Bachelor's degree	None	Moderate-term on-the-job training	\$23.42	\$20.67	\$48,710

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	Annual Mean Wage
41-4012	Sales Representatives, Wholesale and Manufacturing, Except Technical and Scientific Products	7,958	7,920	-38	-0.48	0	309	309	High school diploma or equivalent	None	Moderate-term on-the-job training	\$14.14	\$10.93	\$29,400
41-9000	Other Sales and Related Workers	7,344	7,573	229	3.12	233	261	494						
41-9011	Demonstrators and Product Promoters	1,547	1,606	59	3.81	59	90	149	High school diploma or equivalent	None	Short-term on-the-job training	\$9.48	\$8.64	\$19,710
41-9022	Real Estate Sales Agents	1,139	1,186	47	4.13	47	22	69	High school diploma or equivalent	None	Long-term on-the-job training	\$16.26	\$13.42	\$33,830
41-9031	Sales Engineers	39	38	-1	-2.56	0	1	1	Bachelor's degree	None	Moderate-term on-the-job training	\$37.37	\$34.67	\$77,730
41-9041	Telemarketers	1,502	1,509	7	0.47	7	70	77	Less than high school	None	Short-term on-the-job training	\$9.60	\$8.67	\$19,970
41-9091	Door-to-Door Sales Workers, News and Street Vendors, and Related Workers	2,402	2,500	98	4.08	98	53	151	High school diploma or equivalent	None	Short-term on-the-job training	\$8.57	\$8.58	\$17,820
41-9099	Sales and Related Workers, All Other	304	313	9	2.96	9	11	20	High school diploma or equivalent	None	None	\$12.69	\$9.88	\$26,400
43-0000	Office and Administrative Support Occupations	168,073	166,663	-1,410	-0.84	995	6,662	7,657				\$11.33	\$9.40	\$23,570
43-1000	Supervisors of Office and Administrative Support Workers	14,481	14,532	51	0.35	51	676	727						
43-1011	First-Line Supervisors of Office and Administrative Support Workers	14,481	14,532	51	0.35	51	676	727	High school diploma or equivalent	Less than 5 years	None	\$16.56	\$14.74	\$34,440
43-2000	Communications Equipment Operators	1,264	1,234	-30	-2.37	1	50	51						
43-2011	Switchboard Operators, Including Answering Service	969	938	-31	-3.20	0	33	33	High school diploma or equivalent	None	Short-term on-the-job training	\$9.52	\$9.05	\$19,800
43-2021	Telephone Operators	295	296	1	0.34	1	17	18	High school diploma or equivalent	None	Short-term on-the-job training	\$9.96	\$9.04	\$20,710
43-3000	Financial Clerks	19,638	19,753	115	0.59	178	799	977						
43-3011	Bill and Account Collectors	2,451	2,432	-19	-0.78	0	136	136	High school diploma or equivalent	None	Moderate-term on-the-job training	\$11.61	\$9.68	\$24,140
43-3021	Billing and Posting Clerks	4,410	4,541	131	2.97	131	142	273	High school diploma or equivalent	None	Short-term on-the-job training	\$9.96	\$9.22	\$20,710
43-3031	Bookkeeping, Accounting, and Auditing Clerks	8,175	8,203	28	0.34	28	150	178	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.98	\$9.44	\$22,840
43-3051	Payroll and Timekeeping Clerks	970	975	5	0.52	5	40	45	High school diploma or equivalent	None	Moderate-term on-the-job training	\$11.92	\$10.21	\$24,790

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
43-3061	Procurement Clerks	525	525	0	0.00	0	21	21	High school diploma or equivalent	None	Moderate-term on-the-job training	\$11.97	\$9.76	\$24,900
43-3071	Tellers	2,838	2,794	-44	-1.55	0	297	297	High school diploma or equivalent	None	Short-term on-the-job training	\$8.95	\$8.69	\$18,620
43-4000	Information and Record Clerks	27,781	27,947	166	0.60	304	1,343	1,647						
43-4011	Brokerage Clerks	96	98	2	2.08	2	5	7	High school diploma or equivalent	None	Moderate-term on-the-job training	\$18.23	\$17.38	\$37,910
43-4041	Credit Authorizers, Checkers, and Clerks	785	777	-8	-1.02	0	18	18	High school diploma or equivalent	None	Short-term on-the-job training	\$11.62	\$10.91	\$24,180
43-4051	Customer Service Representatives	13,654	13,868	214	1.57	214	717	931	High school diploma or equivalent	None	Short-term on-the-job training	\$10.88	\$9.39	\$22,630
43-4061	Eligibility Interviewers, Government Programs	1,053	1,040	-13	-1.23	0	39	39	High school diploma or equivalent	None	Moderate-term on-the-job training	\$16.34	\$14.29	\$34,000
43-4071	File Clerks	628	618	-10	-1.59	0	29	29	High school diploma or equivalent	None	Short-term on-the-job training	\$10.39	\$9.36	\$21,610
43-4081	Hotel, Motel, and Resort Desk Clerks	866	926	60	6.93	60	85	145	High school diploma or equivalent	None	Short-term on-the-job training	\$8.61	\$8.61	\$17,900
43-4111	Interviewers, Except Eligibility and Loan	851	865	14	1.65	14	31	45	High school diploma or equivalent	None	Short-term on-the-job training	\$10.60	\$9.03	\$22,040
43-4121	Library Assistants, Clerical	104	103	-1	-0.96	0	9	9	High school diploma or equivalent	None	Short-term on-the-job training	\$8.45	\$8.46	\$17,570
43-4131	Loan Interviewers and Clerks	1,855	1,853	-2	-0.11	0	26	26	High school diploma or equivalent	None	Short-term on-the-job training	\$10.62	\$9.45	\$22,090
43-4141	New Accounts Clerks	640	624	-16	-2.50	0	33	33	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.15	\$9.42	\$21,100
43-4151	Order Clerks	263	251	-12	-4.56	0	13	13	High school diploma or equivalent	None	Short-term on-the-job training	\$10.97	\$9.27	\$22,820
43-4161	Human Resources Assistants, Except Payroll and Timekeeping	1,181	1,166	-15	-1.27	0	55	55	High school diploma or equivalent	None	Short-term on-the-job training	\$11.42	\$10.18	\$23,750
43-4171	Receptionists and Information Clerks	3,750	3,763	13	0.35	13	212	225	High school diploma or equivalent	None	Short-term on-the-job training	\$8.88	\$8.70	\$18,480

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

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				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
43-4181	Reservation and Transportation Ticket Agents and Travel Clerks	585	567	-18	-3.08	0	17	17	High school diploma or equivalent	None	Short-term on-the-job training	\$10.38	\$9.00	\$21,590
43-4199	Information and Record Clerks, All Other	1,456	1,413	-43	-2.95	0	53	53	High school diploma or equivalent	None	Short-term on-the-job training	\$12.78	\$11.02	\$26,580
43-5000	Material Recording, Scheduling, Dispatching, and Distributing Workers	28,721	28,361	-360	-1.25	37	1,556	1,593						
43-5011	Cargo and Freight Agents	429	448	19	4.43	19	23	42	High school diploma or equivalent	None	Short-term on-the-job training	\$11.66	\$11.34	\$24,250
43-5021	Couriers and Messengers	3,797	3,721	-76	-2.00	0	92	92	High school diploma or equivalent	None	Short-term on-the-job training	\$9.88	\$9.03	\$20,560
43-5032	Dispatchers, Except Police, Fire, and Ambulance	923	922	-1	-0.11	0	51	51	High school diploma or equivalent	None	Moderate-term on-the-job training	\$12.09	\$9.16	\$25,140
43-5051	Postal Service Clerks	528	483	-45	-8.52	0	15	15	High school diploma or equivalent	None	Short-term on-the-job training	\$25.16	\$26.72	\$52,330
43-5052	Postal Service Mail Carriers	978	909	-69	-7.06	0	66	66	High school diploma or equivalent	None	Short-term on-the-job training	\$24.89	\$27.50	\$51,770
43-5053	Postal Service Mail Sorters, Processors, and Processing Machine Operators	469	432	-37	-7.89	0	7	7	High school diploma or equivalent	None	Short-term on-the-job training	\$22.96	\$25.81	\$47,770
43-5061	Production, Planning, and Expediting Clerks	1,067	1,065	-2	-0.19	0	52	52	High school diploma or equivalent	None	Moderate-term on-the-job training	\$15.27	\$12.56	\$31,760
43-5071	Shipping, Receiving, and Traffic Clerks	3,243	3,220	-23	-0.71	0	168	168	High school diploma or equivalent	None	Short-term on-the-job training	\$9.75	\$8.80	\$20,290
43-5081	Stock Clerks and Order Fillers	16,303	16,164	-139	-0.85	0	1,039	1,039	Less than high school	None	Short-term on-the-job training	\$9.06	\$8.68	\$18,850
43-5111	Weighers, Measurers, Checkers, and Samplers, Recordkeeping	697	715	18	2.58	18	27	45	High school diploma or equivalent	None	Short-term on-the-job training	\$10.07	\$9.49	\$20,950
43-6000	Secretaries and Administrative Assistants	42,571	42,382	-189	-0.44	380	1,014	1,394						
43-6011	Executive Secretaries and Executive Administrative Assistants	9,864	9,427	-437	-4.43	0	235	235	High school diploma or equivalent	Less than 5 years	None	\$14.59	\$13.31	\$30,340
43-6012	Legal Secretaries	3,851	3,719	-132	-3.43	0	92	92	High school diploma or equivalent	None	Moderate-term on-the-job training	\$12.48	\$12.11	\$25,970
43-6013	Medical Secretaries	4,439	4,706	267	6.01	267	106	373	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.56	\$8.86	\$21,960

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
43-6014	Secretaries and Administrative Assistants, Except Legal, Medical, and Executive	24,417	24,530	113	0.46	113	581	694	High school diploma or equivalent	None	Short-term on-the-job training	\$10.03	\$9.06	\$20,850
43-9000	Other Office and Administrative Support Workers	33,617	32,454	-1,163	-3.46	44	1,224	1,268						
43-9011	Computer Operators	726	710	-16	-2.20	0	16	16	High school diploma or equivalent	None	Moderate-term on-the-job training	\$11.06	\$10.28	\$23,000
43-9021	Data Entry Keyers	2,818	2,651	-167	-5.93	0	76	76	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.31	\$9.11	\$21,450
43-9022	Word Processors and Typists	4,368	3,997	-371	-8.49	0	39	39	High school diploma or equivalent	None	Short-term on-the-job training	\$11.62	\$11.07	\$24,170
43-9041	Insurance Claims and Policy Processing Clerks	1,348	1,392	44	3.26	44	70	114	High school diploma or equivalent	None	Moderate-term on-the-job training	\$11.84	\$11.02	\$24,620
43-9051	Mail Clerks and Mail Machine Operators, Except Postal Service	119	117	-2	-1.68	0	6	6	High school diploma or equivalent	None	Short-term on-the-job training	\$12.62	\$9.87	\$26,250
43-9061	Office Clerks, General	22,641	22,028	-613	-2.71	0	931	931	High school diploma or equivalent	None	Short-term on-the-job training	\$9.91	\$8.98	\$20,620
43-9071	Office Machine Operators, Except Computer	176	170	-6	-3.41	0	8	8	High school diploma or equivalent	None	Short-term on-the-job training	\$10.97	\$9.22	\$22,820
43-9111	Statistical Assistants	408	402	-6	-1.47	0	22	22	Bachelor's degree	None	None	\$12.60	\$11.71	\$26,200
43-9199	Office and Administrative Support Workers, All Other	979	953	-26	-2.66	0	55	55	High school diploma or equivalent	None	Short-term on-the-job training	\$11.92	\$11.28	\$24,790
45-0000	Farming, Fishing, and Forestry Occupations	7,786	7,871	85	1.09	105	466	571				\$10.76	\$8.87	\$22,390
45-1000	Supervisors of Farming, Fishing, and Forestry Workers	390	393	3	0.77	3	16	19						
45-1011	First-Line Supervisors of Farming, Fishing, and Forestry Workers	390	393	3	0.77	3	16	19	High school diploma or equivalent	Less than 5 years	None	\$14.71	\$13.54	\$30,590
45-2000	Agricultural Workers	7,267	7,358	91	1.25	102	446	548						
45-2011	Agricultural Inspectors	155	146	-9	-5.81	0	9	9	Bachelor's degree	None	Moderate-term on-the-job training	NA	NA	NA
45-2091	Agricultural Equipment Operators	617	636	19	3.08	19	39	58	Less than high school	None	Short-term on-the-job training	\$8.76	\$8.52	\$18,230
45-2092	Farmworkers and Laborers, Crop, Nursery, and Greenhouse	5,503	5,567	64	1.16	64	344	408	Less than high school	None	Short-term on-the-job training	\$9.08	\$8.56	\$18,890
45-4000	Forest, Conservation, and Logging Workers	129	120	-9	-6.98	0	4	4						
47-0000	Construction and Extraction Occupations	41,950	39,651	-2,299	-5.48	8	1,393	1,401				\$10.21	\$8.91	\$21,240

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014			
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage	
47-1000	Supervisors of Construction and Extraction Workers	4,689	4,411	-278	-5.93	0	109	109							
47-1011	First-Line Supervisors of Construction Trades and Extraction Workers	4,689	4,411	-278	-5.93	0	109	109	High school diploma or equivalent	5 years or more	None	\$14.68	\$13.22	\$30,530	
47-2000	Construction Trades Workers	27,710	26,037	-1,673	-6.04	7	994	1,001							
47-2011	Boilermakers	106	89	-17	-16.04	0	8	8	High school diploma or equivalent	None	Apprenticeship	\$9.38	\$8.83	\$19,520	
47-2021	Brickmasons and Blockmasons	343	326	-17	-4.96	0	8	8	High school diploma or equivalent	None	Apprenticeship	\$14.19	\$12.42	\$29,510	
47-2022	Stonemasons	52	53	1	1.92	1	1	2	High school diploma or equivalent	None	Apprenticeship	\$11.49	\$9.30	\$23,900	
47-2031	Carpenters	5,724	5,382	-342	-5.97	0	143	143	High school diploma or equivalent	None	Apprenticeship	\$9.11	\$8.80	\$18,950	
47-2051	Cement Masons and Concrete Finishers	763	683	-80	-10.48	0	18	18	Less than high school	None	Moderate-term on-the-job training	\$8.88	\$8.68	\$18,470	
47-2061	Construction Laborers	11,752	10,980	-772	-6.57	0	494	494	Less than high school	None	Short-term on-the-job training	\$8.63	\$8.55	\$17,940	
47-2071	Paving, Surfacing, and Tamping Equipment Operators	192	167	-25	-13.02	0	6	6	High school diploma or equivalent	None	Moderate-term on-the-job training	\$13.03	\$10.93	\$27,100	
47-2073	Operating Engineers and Other Construction Equipment Operators	2,019	1,880	-139	-6.88	0	85	85	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.95	\$9.32	\$22,780	
47-2081	Drywall and Ceiling Tile Installers	251	235	-16	-6.37	0	5	5	Less than high school	None	Moderate-term on-the-job training	\$10.15	\$9.94	\$21,110	
47-2111	Electricians	1,854	1,785	-69	-3.72	0	68	68	High school diploma or equivalent	None	Apprenticeship	\$12.72	\$11.18	\$26,450	
47-2121	Glaziers	46	44	-2	-4.35	0	2	2	High school diploma or equivalent	None	Apprenticeship	\$9.42	\$8.70	\$19,590	
47-2131	Insulation Workers, Floor, Ceiling, and Wall	193	187	-6	-3.11	0	6	6	Less than high school	None	Short-term on-the-job training	\$10.62	\$8.88	\$22,080	
47-2132	Insulation Workers, Mechanical	87	88	1	1.15	1	3	4	High school diploma or equivalent	None	Apprenticeship	\$8.30	\$8.39	\$17,260	
47-2141	Painters, Construction and Maintenance	1,762	1,750	-12	-0.68	0	54	54	Less than high school	None	Moderate-term on-the-job training	\$10.13	\$9.07	\$21,070	

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
47-2151	Pipelayers	248	227	-21	-8.47	0	6	6	Less than high school	None	Short-term on-the-job training	\$13.19	\$13.96	\$27,430
47-2152	Plumbers, Pipefitters, and Steamfitters	917	868	-49	-5.34	0	24	24	High school diploma or equivalent	None	Apprenticeship	\$10.40	\$9.78	\$21,620
47-2171	Reinforcing Iron and Rebar Workers	272	225	-47	-17.28	0	9	9	High school diploma or equivalent	None	Apprenticeship	\$9.90	\$9.96	\$20,590
47-2181	Roofers	421	412	-9	-2.14	0	18	18	Less than high school	None	Moderate-term on-the-job training	\$8.58	\$8.62	\$17,850
47-2211	Sheet Metal Workers	42	38	-4	-9.52	0	1	1	High school diploma or equivalent	None	Apprenticeship	\$11.24	\$9.26	\$23,390
47-2221	Structural Iron and Steel Workers	410	370	-40	-9.76	0	27	27	High school diploma or equivalent	None	Apprenticeship	\$9.47	\$9.44	\$19,690
47-3011	Helpers--Brickmasons, Blockmasons, Stonemasons, and Tile and Marble Setters	123	108	-15	-12.20	0	5	5	Less than high school	None	Short-term on-the-job training	\$8.39	\$8.53	\$17,440
47-3012	Helpers--Carpenters	759	654	-105	-13.83	0	29	29	Less than high school	None	Short-term on-the-job training	\$8.19	\$8.42	\$17,040
47-3013	Helpers--Electricians	1,561	1,498	-63	-4.04	0	61	61	High school diploma or equivalent	None	Short-term on-the-job training	\$9.83	\$8.75	\$20,440
47-3015	Helpers--Pipelayers, Plumbers, Pipefitters, and Steamfitters	638	600	-38	-5.96	0	25	25	High school diploma or equivalent	None	Short-term on-the-job training	\$10.87	\$9.32	\$22,600
47-3019	Helpers, Construction Trades, All Other	412	386	-26	-6.31	0	16	16	Less than high school	None	Short-term on-the-job training	\$9.27	\$8.73	\$19,290
47-4000	Other Construction and Related Workers	5,927	5,827	-100	-1.69	0	150	150						
47-4011	Construction and Building Inspectors	564	551	-13	-2.30	0	22	22	High school diploma or equivalent	5 years or more	Moderate-term on-the-job training	\$13.46	\$10.47	\$28,000
47-4021	Elevator Installers and Repairers	232	230	-2	-0.86	0	7	7	High school diploma or equivalent	None	Apprenticeship	\$22.46	\$15.72	\$46,710
47-4041	Hazardous Materials Removal Workers	32	32	0	0.00	0	1	1	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.18	\$8.43	\$17,020
47-4051	Highway Maintenance Workers	4,941	4,865	-76	-1.54	0	115	115	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.23	\$8.49	\$17,120
47-4099	Construction and Related Workers, All Other	112	108	-4	-3.57	0	3	3	High school diploma or equivalent	None	Moderate-term on-the-job training	NA	NA	NA
49-0000	Installation, Maintenance, and Repair Occupations	31,947	31,593	-354	-1.11	105	1,494	1,599				\$13.35	\$11.16	\$27,780

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
49-1000	Supervisors of Installation, Maintenance, and Repair Workers	2,363	2,311	-52	-2.20	0	117	117						
49-1011	First-Line Supervisors of Mechanics, Installers, and Repairers	2,363	2,311	-52	-2.20	0	117	117	High school diploma or equivalent	Less than 5 years	None	\$18.90	\$17.90	\$39,300
49-2000	Electrical and Electronic Equipment Mechanics, Installers, and Repairers	3,476	3,415	-61	-1.75	11	139	150						
49-2011	Computer, Automated Teller, and Office Machine Repairers	798	793	-5	-0.63	0	34	34	Some college, no degree	None	None	\$12.25	\$11.52	\$25,490
49-2021	Radio, Cellular, and Tower Equipment Installers and Repairs	333	321	-12	-3.60	0	11	11	Associate's degree	None	Moderate-term on-the-job training	\$14.40	\$14.27	\$29,960
49-2022	Telecommunications Equipment Installers and Repairers, Except Line Installers	431	428	-3	-0.70	0	14	14	Postsecondary non-degree award	None	Moderate-term on-the-job training	\$15.10	\$15.26	\$31,410
49-2091	Avionics Technicians	78	75	-3	-3.85	0	3	3	Associate's degree	None	None	\$26.13	\$21.83	\$54,350
49-2092	Electric Motor, Power Tool, and Related Repairers	161	159	-2	-1.24	0	7	7	Postsecondary non-degree award	None	Long-term on-the-job training	\$10.30	\$9.87	\$21,420
49-2094	Electrical and Electronics Repairers, Commercial and Industrial Equipment	354	335	-19	-5.37	0	15	15	Postsecondary non-degree award	None	Long-term on-the-job training	\$15.38	\$14.56	\$31,990
49-2095	Electrical and Electronics Repairers, Powerhouse, Substation, and Relay	285	267	-18	-6.32	0	12	12	Postsecondary non-degree award	None	Long-term on-the-job training	\$16.30	\$17.19	\$33,900
49-2097	Electronic Home Entertainment Equipment Installers and Repairers	311	304	-7	-2.25	0	22	22	Postsecondary non-degree award	None	None	\$9.44	\$8.95	\$19,640
49-2098	Security and Fire Alarm Systems Installers	458	465	7	1.53	7	15	22	High school diploma or equivalent	None	Moderate-term on-the-job training	\$14.82	\$12.85	\$30,830
49-3000	Vehicle and Mobile Equipment Mechanics, Installers, and Repairers	8,223	8,147	-76	-0.92	7	405	412						
49-3011	Aircraft Mechanics and Service Technicians	356	362	6	1.69	6	17	23	Postsecondary non-degree award	None	None	\$21.28	\$22.27	\$44,260
49-3021	Automotive Body and Related Repairers	671	663	-8	-1.19	0	25	25	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.13	\$9.52	\$21,060
49-3023	Automotive Service Technicians and Mechanics	4,383	4,366	-17	-0.39	0	218	218	High school diploma or equivalent	None	Long-term on-the-job training	\$9.73	\$8.87	\$20,250
49-3031	Bus and Truck Mechanics and Diesel Engine Specialists	1,366	1,323	-43	-3.15	0	56	56	High school diploma or equivalent	None	Long-term on-the-job training	\$12.29	\$10.66	\$25,560

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		Annual Mean Wage
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Median	
49-3042	Mobile Heavy Equipment Mechanics, Except Engines	487	477	-10	-2.05	0	28	28	High school diploma or equivalent	None	Long-term on-the-job training	\$13.87	\$12.36	\$28,850
49-3051	Motorboat Mechanics and Service Technicians	38	38	0	0.00	0	1	1	High school diploma or equivalent	None	Long-term on-the-job training	\$12.70	\$9.53	\$26,420
49-3053	Outdoor Power Equipment and Other Small Engine Mechanics	62	62	0	0.00	0	2	2	High school diploma or equivalent	None	Moderate-term on-the-job training	\$9.51	\$8.81	\$19,790
49-3093	Tire Repairers and Changers	699	697	-2	-0.29	0	50	50	High school diploma or equivalent	None	Short-term on-the-job training	\$9.03	\$8.65	\$18,790
49-9000	Other Installation, Maintenance, and Repair Occupations	17,885	17,720	-165	-0.92	87	833	920						
49-9012	Control and Valve Installers and Repairers, Except Mechanical Door	98	92	-6	-6.12	0	6	6	High school diploma or equivalent	None	Moderate-term on-the-job training	\$15.81	\$17.97	\$32,880
49-9021	Heating, Air Conditioning, and Refrigeration Mechanics and Installers	1,590	1,558	-32	-2.01	0	79	79	Postsecondary non-degree award	None	Long-term on-the-job training	\$11.66	\$10.43	\$24,250
49-9041	Industrial Machinery Mechanics	3,660	3,713	53	1.45	53	201	254	High school diploma or equivalent	None	Long-term on-the-job training	\$15.67	\$15.06	\$32,590
49-9043	Maintenance Workers, Machinery	275	270	-5	-1.82	0	8	8	High school diploma or equivalent	None	Moderate-term on-the-job training	\$11.13	\$9.87	\$23,160
49-9051	Electrical Power-Line Installers and Repairers	1,240	1,154	-86	-6.94	0	84	84	High school diploma or equivalent	None	Long-term on-the-job training	\$20.56	\$21.38	\$42,760
49-9052	Telecommunications Line Installers and Repairers	1,642	1,591	-51	-3.11	0	76	76	High school diploma or equivalent	None	Long-term on-the-job training	\$15.77	\$16.59	\$32,800
49-9062	Medical Equipment Repairers	337	355	18	5.34	18	19	37	Associate's degree	None	Moderate-term on-the-job training	\$14.38	\$13.22	\$29,910
49-9069	Precision Instrument and Equipment Repairers, All Other	145	141	-4	-2.76	0	8	8	High school diploma or equivalent	None	Long-term on-the-job training	\$17.73	\$17.83	\$36,880
49-9071	Maintenance and Repair Workers, General	5,597	5,586	-11	-0.20	0	186	186	High school diploma or equivalent	None	Long-term on-the-job training	\$10.86	\$9.24	\$22,580
49-9098	Helpers--Installation, Maintenance, and Repair Workers	1,444	1,393	-51	-3.53	0	102	102	High school diploma or equivalent	None	Moderate-term on-the-job training	\$11.09	\$9.19	\$23,060
49-9099	Installation, Maintenance, and Repair Workers, All Other	1,272	1,284	12	0.94	12	45	57	High school diploma or equivalent	None	Moderate-term on-the-job training	\$13.00	\$10.54	\$27,040

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
51-0000	Production Occupations	66,603	66,345	-258	-0.39	662	2,588	3,250				\$10.93	\$9.16	\$22,740
51-1000	Supervisors of Production Workers	4,658	4,577	-81	-1.74	0	131	131						
51-1011	First-Line Supervisors of Production and Operating Workers	4,658	4,577	-81	-1.74	0	131	131	Postsecondary non-degree award	Less than 5 years	None	\$19.24	\$16.75	\$40,020
51-2000	Assemblers and Fabricators	12,772	12,862	90	0.70	259	405	664						
51-2021	Coil Winders, Tapers, and Finishers	67	60	-7	-10.45	0	2	2	High school diploma or equivalent	None	Short-term on-the-job training	\$8.22	\$8.40	\$17,090
51-2022	Electrical and Electronic Equipment Assemblers	1,951	1,815	-136	-6.97	0	51	51	High school diploma or equivalent	None	Short-term on-the-job training	\$9.97	\$9.03	\$20,730
51-2023	Electromechanical Equipment Assemblers	337	324	-13	-3.86	0	9	9	High school diploma or equivalent	None	Short-term on-the-job training	\$9.37	\$9.00	\$19,500
51-2041	Structural Metal Fabricators and Fitters	117	113	-4	-3.42	0	8	8	High school diploma or equivalent	None	Moderate-term on-the-job training	\$9.06	\$8.82	\$18,840
51-2092	Team Assemblers	5,917	5,999	82	1.39	82	193	275	High school diploma or equivalent	None	Moderate-term on-the-job training	\$9.37	\$8.94	\$19,490
51-2099	Assemblers and Fabricators, All Other	3,892	4,048	156	4.01	156	127	283	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.50	\$8.61	\$17,670
51-3000	Food Processing Workers	5,932	5,909	-23	-0.39	23	293	316						
51-3011	Bakers	1,739	1,736	-3	-0.17	0	80	80	Less than high school	None	Long-term on-the-job training	\$8.56	\$8.64	\$17,810
51-3021	Butchers and Meat Cutters	2,055	2,074	19	0.92	19	95	114	Less than high school	None	Long-term on-the-job training	\$9.04	\$8.84	\$18,790
51-3022	Meat, Poultry, and Fish Cutters and Trimmers	248	245	-3	-1.21	0	11	11	Less than high school	None	Short-term on-the-job training	\$10.35	\$9.49	\$21,520
51-3023	Slaughterers and Meat Packers	343	336	-7	-2.04	0	16	16	Less than high school	None	Short-term on-the-job training	\$8.75	\$8.66	\$18,200
51-3092	Food Batchmakers	1,188	1,159	-29	-2.44	0	74	74	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.38	\$8.50	\$17,440
51-3093	Food Cooking Machine Operators and Tenders	172	169	-3	-1.74	0	8	8	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.83	\$8.76	\$18,370
51-4000	Metal Workers and Plastic Workers	6,658	6,509	-149	-2.24	48	232	280						
51-4021	Extruding and Drawing Machine Setters, Operators, and Tenders, Metal and Plastic	65	61	-4	-6.15	0	2	2	High school diploma or equivalent	None	Moderate-term on-the-job training	\$11.40	\$10.36	\$23,710
51-4022	Forging Machine Setters, Operators, and Tenders, Metal and Plastic	35	32	-3	-8.57	0	1	1	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.61	\$8.71	\$17,920

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
51-4023	Rolling Machine Setters, Operators, and Tenders, Metal and Plastic	49	48	-1	-2.04	0	2	2	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.10	\$10.14	\$21,010
51-4031	Cutting, Punching, and Press Machine Setters, Operators, and Tenders, Metal and Plastic	652	620	-32	-4.91	0	12	12	High school diploma or equivalent	None	Moderate-term on-the-job training	\$9.12	\$9.00	\$18,960
51-4041	Machinists	964	1,007	43	4.46	43	44	87	High school diploma or equivalent	None	Long-term on-the-job training	\$10.88	\$9.93	\$22,630
51-4072	Molding, Coremaking, and Casting Machine Setters, Operators, and Tenders, Metal and Plastic	1,676	1,611	-65	-3.88	0	47	47	High school diploma or equivalent	None	Moderate-term on-the-job training	\$11.19	\$10.36	\$23,270
51-4081	Multiple Machine Tool Setters, Operators, and Tenders, Metal and Plastic	850	843	-7	-0.82	0	33	33	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.62	\$8.57	\$17,930
51-4111	Tool and Die Makers	463	458	-5	-1.08	0	6	6	High school diploma or equivalent	None	Long-term on-the-job training	\$14.01	\$13.73	\$29,130
51-4121	Welders, Cutters, Solderers, and Brazers	1,392	1,325	-67	-4.81	0	67	67	High school diploma or equivalent	None	Moderate-term on-the-job training	\$11.14	\$10.24	\$23,170
51-4122	Welding, Soldering, and Brazing Machine Setters, Operators, and Tenders	49	49	0	0.00	0	2	2	High school diploma or equivalent	None	Moderate-term on-the-job training	\$11.45	\$10.57	\$23,830
51-4193	Plating and Coating Machine Setters, Operators, and Tenders, Metal and Plastic	51	48	-3	-5.88	0	2	2	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.33	\$8.47	\$17,320
51-4199	Metal Workers and Plastic Workers, All Other	157	158	1	0.64	1	4	5	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.47	\$8.56	\$17,630
51-5100	Printing Workers	1,698	1,655	-43	-2.53	0	59	59						
51-5111	Prepress Technicians and Workers	245	231	-14	-5.71	0	12	12	Postsecondary non-degree award	None	None	\$12.11	\$11.13	\$25,190
51-5112	Printing Press Operators	1,235	1,219	-16	-1.30	0	40	40	High school diploma or equivalent	None	Moderate-term on-the-job training	\$13.63	\$11.25	\$28,360
51-5113	Print Binding and Finishing Workers	218	205	-13	-5.96	0	7	7	High school diploma or equivalent	None	Short-term on-the-job training	\$8.98	\$8.78	\$18,680
51-6000	Textile, Apparel, and Furnishings Workers	8,431	8,599	168	1.99	177	157	334						
51-6011	Laundry and Dry-Cleaning Workers	841	852	11	1.31	11	49	60	Less than high school	None	Short-term on-the-job training	\$8.66	\$8.66	\$18,020
51-6021	Pressers, Textile, Garment, and Related Materials	394	385	-9	-2.28	0	8	8	Less than high school	None	Short-term on-the-job training	\$8.17	\$8.45	\$16,990
51-6031	Sewing Machine Operators	6,239	6,379	140	2.24	140	68	208	Less than high school	None	Short-term on-the-job training	\$8.20	\$8.48	\$17,060

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
51-6051	Sewers, Hand	192	204	12	6.25	12	5	17	Less than high school	None	Moderate-term on-the-job training	\$8.68	\$8.62	\$18,050
51-6052	Tailors, Dressmakers, and Custom Sewers	93	97	4	4.30	4	2	6	Less than high school	None	Moderate-term on-the-job training	\$8.11	\$8.37	\$16,870
51-6062	Textile Cutting Machine Setters, Operators, and Tenders	207	211	4	1.93	4	7	11	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.19	\$8.41	\$17,040
51-6093	Upholsterers	179	181	2	1.12	2	9	11	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.50	\$8.55	\$17,670
51-6099	Textile, Apparel, and Furnishings Workers, All Other	37	39	2	5.41	2	1	3	High school diploma or equivalent	None	Short-term on-the-job training	NA	NA	NA
51-7000	Woodworkers	815	830	15	1.84	16	19	35						
51-7011	Cabinetmakers and Bench Carpenters	567	578	11	1.94	11	9	20	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.67	\$8.62	\$18,040
51-7021	Furniture Finishers	75	76	1	1.33	1	2	3	High school diploma or equivalent	None	Short-term on-the-job training	\$8.32	\$8.52	\$17,310
51-8000	Plant and System Operators	2,107	1,998	-109	-5.17	0	132	132						
51-8021	Stationary Engineers and Boiler Operators	151	148	-3	-1.99	0	8	8	High school diploma or equivalent	None	Long-term on-the-job training	\$16.72	\$17.63	\$34,790
51-8031	Water and Wastewater Treatment Plant and System Operators	1,513	1,422	-91	-6.01	0	94	94	High school diploma or equivalent	None	Long-term on-the-job training	\$12.50	\$11.03	\$26,000
51-8099	Plant and System Operators, All Other	298	289	-9	-3.02	0	20	20	High school diploma or equivalent	None	Long-term on-the-job training	\$15.38	\$15.81	\$32,000
51-9000	Other Production Occupations	23,532	23,406	-126	-0.54	139	1,160	1,299						
51-9011	Chemical Equipment Operators and Tenders	418	406	-12	-2.87	0	26	26	High school diploma or equivalent	None	Moderate-term on-the-job training	\$16.55	\$14.29	\$34,430
51-9012	Separating, Filtering, Clarifying, Precipitating, and Still Machine Setters, Operators, and Tenders	90	87	-3	-3.33	0	6	6	High school diploma or equivalent	None	Moderate-term on-the-job training	\$14.48	\$14.32	\$30,130
51-9021	Crushing, Grinding, and Polishing Machine Setters, Operators, and Tenders	234	238	4	1.71	4	13	17	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.86	\$8.64	\$18,420
51-9023	Mixing and Blending Machine Setters, Operators, and Tenders	2,251	2,162	-89	-3.95	0	128	128	High school diploma or equivalent	None	Moderate-term on-the-job training	\$13.09	\$11.87	\$27,230
51-9031	Cutters and Trimmers, Hand	80	76	-4	-5.00	0	3	3	Less than high school	None	Short-term on-the-job training	\$8.12	\$8.40	\$16,880

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
51-9032	Cutting and Slicing Machine Setters, Operators, and Tenders	112	105	-7	-6.25	0	4	4	High school diploma or equivalent	None	Short-term on-the-job training	\$10.24	\$9.42	\$21,310
51-9061	Inspectors, Testers, Sorters, Samplers, and Weighers	3,713	3,746	33	0.89	33	159	192	High school diploma or equivalent	None	Moderate-term on-the-job training	\$13.72	\$10.78	\$28,540
51-9071	Jewelers and Precious Stone and Metal Workers	100	99	-1	-1.00	0	4	4	High school diploma or equivalent	None	Long-term on-the-job training	\$9.24	\$9.05	\$19,210
51-9082	Medical Appliance Technicians	73	76	3	4.11	3	5	8	High school diploma or equivalent	None	Long-term on-the-job training	\$10.15	\$9.13	\$21,100
51-9083	Ophthalmic Laboratory Technicians	935	982	47	5.03	47	63	110	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.88	\$10.60	\$22,640
51-9111	Packaging and Filling Machine Operators and Tenders	6,200	6,206	6	0.10	6	296	302	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.53	\$9.24	\$21,910
51-9121	Coating, Painting, and Spraying Machine Setters, Operators, and Tenders	149	149	0	0.00	0	5	5	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.92	\$8.84	\$18,550
51-9122	Painters, Transportation Equipment	56	57	1	1.79	1	2	3	High school diploma or equivalent	None	Moderate-term on-the-job training	\$9.24	\$8.98	\$19,230
51-9191	Adhesive Bonding Machine Operators and Tenders	69	66	-3	-4.35	0	3	3	High school diploma or equivalent	None	Moderate-term on-the-job training	\$10.18	\$9.24	\$21,170
51-9192	Cleaning, Washing, and Metal Pickling Equipment Operators and Tenders	301	291	-10	-3.32	0	14	14	Less than high school	None	Moderate-term on-the-job training	\$10.54	\$9.25	\$21,930
51-9196	Paper Goods Machine Setters, Operators, and Tenders	240	226	-14	-5.83	0	5	5	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.85	\$8.59	\$18,410
51-9198	Helpers--Production Workers	1,386	1,362	-24	-1.73	0	52	52	Less than high school	None	Short-term on-the-job training	\$9.86	\$8.97	\$20,510
51-9199	Production Workers, All Other	4,654	4,689	35	0.75	35	231	266	High school diploma or equivalent	None	Moderate-term on-the-job training	\$11.09	\$9.57	\$23,070
53-0000	Transportation and Material Moving Occupations	51,695	51,316	-379	-0.73	171	2,369	2,540				\$10.43	\$8.87	\$21,690
53-1000	Supervisors of Transportation and Material Moving Workers	2,522	2,488	-34	-1.35	0	127	127						
53-1011	Aircraft Cargo Handling Supervisors	62	62	0	0.00	0	3	3	High school diploma or equivalent	Less than 5 years	None	\$17.61	\$16.19	\$36,630

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
53-1021	First-Line Supervisors of Helpers, Laborers, and Material Movers, Hand	974	964	-10	-1.03	0	49	49	High school diploma or equivalent	Less than 5 years	None	\$15.58	\$14.43	\$32,400
53-1031	First-Line Supervisors of Transportation and Material-Moving Machine and Vehicle Operators	1,486	1,462	-24	-1.62	0	75	75	High school diploma or equivalent	Less than 5 years	None	\$14.36	\$12.92	\$29,870
53-2000	Air Transportation Workers	402	392	-10	-2.49	0	24	24						
53-2012	Commercial Pilots	99	98	-1	-1.01	0	5	5	High school diploma or equivalent	None	Moderate-term on-the-job training	NA	NA	\$52,440
53-2021	Air Traffic Controllers	124	124	0	0.00	0	11	11	Associate's degree	None	Long-term on-the-job training	\$47.91	\$49.50	\$99,640
53-3000	Motor Vehicle Operators	22,997	22,893	-104	-0.45	160	679	839						
53-3011	Ambulance Drivers and Attendants, Except Emergency Medical Technicians	316	326	10	3.16	10	9	19	High school diploma or equivalent	None	Moderate-term on-the-job training	\$8.23	\$8.46	\$17,130
53-3021	Bus Drivers, Transit and Intercity	906	878	-28	-3.09	0	29	29	High school diploma or equivalent	None	Moderate-term on-the-job training	\$13.11	\$13.32	\$27,280
53-3022	Bus Drivers, School or Special Client	1,270	1,315	45	3.54	45	41	86	High school diploma or equivalent	None	Short-term on-the-job training	\$8.31	\$8.50	\$17,290
53-3031	Driver/Sales Workers	3,345	3,407	62	1.85	62	102	164	High school diploma or equivalent	None	Short-term on-the-job training	\$11.27	\$8.87	\$23,440
53-3032	Heavy and Tractor-Trailer Truck Drivers	9,255	9,058	-197	-2.13	0	282	282	Postsecondary non-degree award	None	Short-term on-the-job training	\$9.17	\$8.77	\$19,070
53-3033	Light Truck or Delivery Services Drivers	5,413	5,377	-36	-0.67	0	165	165	High school diploma or equivalent	None	Short-term on-the-job training	\$10.80	\$8.81	\$22,470
53-3041	Taxi Drivers and Chauffeurs	2,312	2,355	43	1.86	43	40	83	Less than high school	None	Short-term on-the-job training	\$9.41	\$8.85	\$19,580
53-3099	Motor Vehicle Operators, All Other	180	177	-3	-1.67	0	11	11	High school diploma or equivalent	None	Short-term on-the-job training	\$13.20	\$14.34	\$27,450
53-5021	Captains, Mates, and Pilots of Water Vessels	149	140	-9	-6.04	0	8	8	Bachelor's degree	None	None	\$20.83	\$16.99	\$43,320
53-6000	Other Transportation Workers	2,382	2,340	-42	-1.76	1	221	222						
53-6021	Parking Lot Attendants	1,768	1,742	-26	-1.47	0	184	184	Less than high school	None	Short-term on-the-job training	\$8.25	\$8.52	\$17,170
53-6031	Automotive and Watercraft Service Attendants	298	289	-9	-3.02	0	19	19	Less than high school	None	Short-term on-the-job training	\$8.37	\$8.61	\$17,420
53-6051	Transportation Inspectors	101	102	1	0.99	1	7	8	High school diploma or equivalent	None	Moderate-term on-the-job training	NA	NA	NA

PUERTO RICO SHORT TERM OCCUPATIONAL EMPLOYMENT PROJECTIONS

JOBS BY OCUPATION

THIRD QUARTER 2014 TO THIRD QUARTER 2016

SOC Code	Occupation* SOC Title	Employment of Third Quarter 2014	Projected Employment of Third Quarter 2016	Change (3rd Quarter 2014 to 3rd Quarter 2016)		Openings Due to			Typical education needed for entry	Work experience in related occupation	Typical on-the-job training	2014		
				Numeric	Percent	Growth	Replacement	Total				Hourly Wage Mean	Hourly Wage Median	Annual Mean Wage
53-6099	Transportation Workers, All Other	56	56	0	0.00	0	5	5	High school diploma or equivalent	None	Short-term on-the-job training	\$8.53	\$8.55	\$17,740
53-7000	Material Moving Workers	23,098	22,914	-184	-0.80	6	1,301	1,307						
53-7011	Conveyor Operators and Tenders	221	225	4	1.81	4	13	17	Less than high school	None	Short-term on-the-job training	\$9.44	\$9.15	\$19,630
53-7021	Crane and Tower Operators	156	146	-10	-6.41	0	10	10	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	\$13.70	\$11.17	\$28,490
53-7032	Excavating and Loading Machine and Dragline Operators	259	250	-9	-3.47	0	5	5	High school diploma or equivalent	Less than 5 years	Moderate-term on-the-job training	\$11.82	\$9.87	\$24,590
53-7051	Industrial Truck and Tractor Operators	3,092	3,001	-91	-2.94	0	137	137	Less than high school	None	Short-term on-the-job training	\$10.11	\$8.98	\$21,040
53-7061	Cleaners of Vehicles and Equipment	1,097	1,088	-9	-0.82	0	68	68	Less than high school	None	Short-term on-the-job training	\$8.42	\$8.52	\$17,510
53-7062	Laborers and Freight, Stock, and Material Movers, Hand	12,516	12,507	-9	-0.07	0	797	797	Less than high school	None	Short-term on-the-job training	\$10.55	\$8.92	\$21,940
53-7063	Machine Feeders and Offbearers	141	133	-8	-5.67	0	6	6	Less than high school	None	Short-term on-the-job training	\$11.64	\$10.97	\$24,210
53-7064	Packers and Packagers, Hand	3,260	3,258	-2	-0.06	0	178	178	Less than high school	None	Short-term on-the-job training	\$8.28	\$8.51	\$17,230
53-7072	Pump Operators, Except Wellhead Pumpers	79	77	-2	-2.53	0	4	4	Less than high school	None	Moderate-term on-the-job training	\$13.92	\$13.57	\$28,950
53-7081	Refuse and Recyclable Material Collectors	2,084	2,035	-49	-2.35	0	73	73	Less than high school	None	Short-term on-the-job training	\$8.47	\$8.58	\$17,610
53-7199	Material Moving Workers, All Other	127	129	2	1.57	2	7	9	Less than high school	None	Short-term on-the-job training	\$9.68	\$8.71	\$20,130

*Data listed for only occupations providing 30 or more jobs and detail may not add to totals due to the suppression of confidential data.

**Total, All Occupations include self-employed not-incorporated.

NA = Not Available



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