HOUSEHOLD DATA NOT SEASONALLY ADJUSTED A-20. Employed persons by occupation, race, Hispanic or Latino ethnicity, and sex [Percent distribution]

[i ercent distribution]	Tota	al	Me	en	Women	
Occupation, race, and Hispanic or Latino ethnicity	Dec. 2017	Dec. 2018	Dec. 2017	Dec. 2018	Dec. 2017	Dec. 2018
TOTAL						
Total, 16 years and over (thousands)	153,602	156,481	81,300	82,440	72,301	74,041
Percent of total employed	100.0	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations	40.4	40.7	37.0	37.2	44.3	44.5
Management, business, and financial operations occupations	16.8	16.9	17.7	17.9	15.7	15.8
Professional and related occupations	23.7	23.8	19.3	19.3	28.6	28.7
Service occupations	16.8	16.8	13.7	13.1	20.3	20.9
Sales and office occupations	21.9	21.5	16.0	15.9	28.6	27.8
Sales and related occupations.	10.4	10.4	10.0	10.0	10.9	10.8
Office and administrative support occupations.	11.5 9.3	11.2 9.2	6.0 16.6	5.9 16.6	17.7 1.1	17.0 1.0
Natural resources, construction, and maintenance occupations Farming, fishing, and forestry occupations	0.7	0.7	1.1	1.1	0.3	0.3
Construction and extraction occupations.	5.3	5.4	9.7	9.9	0.3	0.3
Installation, maintenance, and repair occupations.	3.3	3.1	5.8	5.7	0.4	0.4
Production, transportation, and material moving occupations	11.5	11.8	16.8	17.1	5.7	5.8
Production occupations.	5.6	5.6	7.4	7.5	3.5	3.4
Transportation and material moving occupations	6.0	6.2	9.4	9.6	2.2	2.4
White Total 16 years and ever (thousands)	100 140	101 000	64 707	GE 40F	EE 350	EC 101
Total, 16 years and over (thousands)	120,148 100.0	121,900 100.0	64,797 100.0	65,495 100.0	55,352 100.0	56,404 100.0
Percent of total employed	41.2	41.4	37.4	37.7	45.5	45.8
Management, business, and financial operations occupations	17.7	17.9	18.8	19.0	16.5	16.6
Professional and related occupations	23.5	23.6	18.7	18.7	29.1	29.2
Service occupations.	15.6	15.5	12.7	12.2	19.0	19.3
Sales and office occupations.	22.0	21.7	15.9	15.8	29.1	28.5
Sales and related occupations.	10.7	10.6	10.2	10.2	11.2	11.0
Office and administrative support occupations	11.3	11.1	5.6	5.6	17.9	17.5
Natural resources, construction, and maintenance occupations	10.3	10.1	18.1	17.9	1.2	1.0
Farming, fishing, and forestry occupations	0.9	0.8	1.3	1.2	0.4	0.3
Construction and extraction occupations	5.9	6.0	10.6	10.8	0.5	0.4
Installation, maintenance, and repair occupations	3.5	3.3	6.3	5.9	0.4	0.2
Production, transportation, and material moving occupations	11.0	11.3	15.9	16.4	5.2	5.3
Production occupations	5.6	5.5	7.6	7.6	3.3	3.1
Transportation and material moving occupations	5.4	5.8	8.4	8.9	1.9	2.2
Black or African American Total, 16 years and over (thousands)	18,791	19,067	8,774	8,958	10,017	10,109
Percent of total employed.	100.0	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations	31.7	31.6	25.5	26.7	37.2	35.9
Management, business, and financial operations occupations	11.1	11.4	10.8	11.4	11.4	11.4
Professional and related occupations	20.6	20.2	14.7	15.2	25.8	24.6
Service occupations	23.2	23.2	20.6	18.5	25.5	27.4
Sales and office occupations	23.7	22.5	17.6	16.8	29.0	27.5
Sales and related occupations	9.3	9.8	8.2	9.2	10.3	10.4
Office and administrative support occupations	14.4	12.6	9.5	7.6	18.7	17.1
Natural resources, construction, and maintenance occupations	5.3	6.6	10.9	13.0	0.5	1.0
Farming, fishing, and forestry occupations	0.1	0.3	0.1	0.3	0.1	0.2
Construction and extraction occupations	3.0	3.7	6.4	7.5	0.1	0.2
Installation, maintenance, and repair occupations	2.2	2.7	4.4	5.2	0.3	0.5
Production, transportation, and material moving occupations	16.1	16.1	25.4	25.0	7.9	8.2
Production occupations Transportation and material moving occupations	5.8 10.2	6.3 9.8	7.9 17.5	8.2 16.8	4.0 3.9	4.6 3.6
Asian						
Total, 16 years and over (thousands)	9,546	9,928	5,103	5,110	4,444	4,818
Percent of total employed	100.0	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations	54.1	55.4	56.0	56.7	51.9	54.1
Management, business, and financial operations occupations	18.5	18.2	19.1	18.9	17.8	17.5
Professional and related occupations	35.7	37.2	37.0	37.7	34.1	36.6
Service occupations	16.2	16.5	11.7	11.6	21.3	21.8
Sales and office occupations	16.7	15.7	14.2	13.9	19.6	17.7
	8.8	7.8	9.3	8.1	8.3	7.5

HOUSEHOLD DATA NOT SEASONALLY ADJUSTED

A-20. Employed persons by occupation, race, Hispanic or Latino ethnicity, and sex — Continued

[Percent distribution]

Occupation, race, and Hispanic or Latino ethnicity	Total		Men		Women	
	Dec. 2017	Dec. 2018	Dec. 2017	Dec. 2018	Dec. 2017	Dec. 2018
Office and administrative support occupations	7.8	8.0	4.8	5.8	11.3	10.3
Natural resources, construction, and maintenance occupations	3.7	3.6	6.1	6.5	0.9	0.5
Farming, fishing, and forestry occupations	0.3	0.5	0.5	0.7	0.1	0.3
Construction and extraction occupations	1.9	1.3	3.2	2.4	0.4	0.1
Installation, maintenance, and repair occupations	1.5	1.8	2.4	3.4	0.5	0.1
Production, transportation, and material moving occupations	9.3	8.7	11.9	11.4	6.2	5.9
Production occupations	4.7	4.3	4.8	4.7	4.6	3.9
Transportation and material moving occupations	4.6	4.4	7.1	6.7	1.7	2.0
Hispanic or Latino ethnicity						
Total, 16 years and over (thousands)	26,077	27,659	14,969	15,589	11,108	12,069
Percent of total employed	100.0	100.0	100.0	100.0	100.0	100.0
Management, professional, and related occupations	22.9	23.0	18.7	18.3	28.6	28.9
Management, business, and financial operations occupations	10.1	10.0	9.2	9.5	11.2	10.8
Professional and related occupations	12.9	12.9	9.5	8.9	17.4	18.2
Service occupations	23.7	24.0	18.9	18.9	30.2	30.6
Sales and office occupations	21.5	21.1	15.1	14.6	30.0	29.5
Sales and related occupations	10.3	9.8	9.1	8.3	11.9	11.8
Office and administrative support occupations	11.2	11.3	6.0	6.4	18.1	17.7
Natural resources, construction, and maintenance occupations	17.0	16.8	28.0	28.2	2.2	2.1
Farming, fishing, and forestry occupations	1.7	1.9	2.3	2.7	0.9	0.9
Construction and extraction occupations	11.4	11.3	19.4	19.4	0.7	0.9
Installation, maintenance, and repair occupations	3.9	3.5	6.4	6.0	0.6	0.3
Production, transportation, and material moving occupations	14.9	15.2	19.3	20.0	9.0	9.0
Production occupations	7.2	7.3	8.2	8.7	5.8	5.4
Transportation and material moving occupations	7.7	7.9	11.0	11.2	3.2	3.6

NOTE: Estimates for the above race groups (White, Black or African American, and Asian) do not sum to totals because data are not presented for all races. Persons whose ethnicity is identified as Hispanic or Latino may be of any race. Updated population controls are introduced annually with the release of January data.