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Online Table: Percentage Female and Change in Percentage Female in 1990 Sex-Equitable Occupations (30-70% Female), 1970-1990

1980 Occupational Title (code)	1970 % Female	1980 % Female	1990 % Female	1970-1990 % Change	Number in labor force 1990 ^a (percent of labor force)
FEMINIZING OCCUPATIONS^b					29,642,694 (25.1)
legislators (003)	7.1	33.1	38.6	31.6	12,249
administrators, and officials, public administrators (005)	16.7	33.1	45.6	28.9	494,097
financial managers (007)	20.8	31.2	46.0	25.2	629,569
personnel managers (008)	24.1	36.1	49.2	25.1	272,950
purchasing managers (009)	6.5	21.0	33.8	27.3	119,369
managers, marketing/advertising/public relations (013)	7.9	17.4	31.8	23.9	600,295
administrators, education and related fields (014)	26.4	38.2	52.3	26.0	610,825
managers, property and real estate (016)	32.8	40.6	46.2	13.3	395,309
postmasters and mail superintendents (017)	22.7	42.7	47.2	24.5	39,788
managers and administrators, n.e.c (019)	15.8	26.5	34.2	18.4	6,637,214
accountants and auditors (023)	22.5	38.3	52.6	30.1	1,567,516
underwriters (024)	23.3	60.5	68.4	45.1	67,380
other financial officers (025)	20.2	44.9	51.5	31.3	663,921
management analysis (026)	7.7	26.1	33.3	25.6	280,137
personnel training and labor specialists (027)	33.0	47.5	57.3	24.3	508,709
wholesale and retail buyers (029)	32.7	44.8	53.2	20.5	223,529
purchasing agents and buyers, n.e.c. (033)	14.7	31.2	45.2	30.5	243,036
business and promotion agents (034)	8.7	32.6	45.6	36.9	35,121
inspectors and compliance officers (036)	10.3	17.2	31.3	21.0	158,916
computer systems analysts and scientists (064)	13.7	22.4	30.8	17.2	469,094
operators and systems researchers and analysts (065)	11.7	28.2	43.6	31.8	248,033
actuaries (066)	22.6	24.8	33.8	11.2	19,003
physical scientists, n.e.c (076)	15.4	21.9	30.1	14.7	18,241
biological and life scientists (078)	28.9	32.7	42.2	13.3	60,730
pharmacists (096)	11.9	23.7	36.3	24.4	180,764
physician's assistants (106)	N/A	36.0	47.7	11.7	24,060
earth, environmental and marine science teachers (113)	15.4	20.5	38.0	22.6	1,362
biological science teachers (114)	25.1	30.5	35.0	10.0	5,892
psychology teachers (118)	27.2	41.4	49.4	22.3	4,349
political science teachers (124)	11.5	19.1	34.4	22.9	1,012
sociology teachers (125)	24.1	37.6	34.2	10.1	1,529
social science teachers, n.e.c. (126)	24.5	33.7	47.8	23.3	780
math science teachers (128)	21.8	30.7	38.0	16.2	17,249
business and marketing teachers (135)	35.4	47.9	56.7	21.4	4,654
art, drama, and music teachers (137)	29.1	46.7	53.0	23.9	20,928
physical education teachers (138)	36.9	38.5	56.7	19.7	3,827
education teachers (139)	25.4	36.1	47.0	21.6	1,380
english teachers (143)	46.7	54.3	59.4	12.7	23,642
foreign language teachers (144)	44.7	56.4	67.7	23.0	10,107
law teachers (145)	4.5	21.9	32.9	28.4	4,908

trade and industry teachers (148)	17.0	29.3	58.5	41.5	1,238
postsecondary teachers, n.e.c (153)	13.6	40.9	35.3	21.7	13,539
educational and vocational counselors (163)	45.3	54.4	62.1	16.8	234,640
archivists and curators (165)	28.9	48.1	55.1	26.3	26,883
economists (166)	10.7	29.0	43.0	32.3	150,046
psychologists (167)	34.0	48.5	58.5	24.6	189,526
sociologists (168)	25.9	44.3	49.9	24.0	2,164
social scientists, n.e.c. (169)	26.3	40.7	46.4	20.2	20,690
urban planners (173)	9.6	23.5	32.4	22.8	18,161
recreation workers (175)	45.3	67.3	70.0	24.7	48,069
authors (183)	31.8	45.7	48.6	16.8	99,798
technical writers (184)	29.1	35.2	50.2	21.1	75,771
designers (185)	35.4	49.6	54.9	19.5	582,342
painters, sculptors, craft-artists and artist printmakers (188)	39.0	47.7	52.1	13.1	202,372
photographers (189)	14.0	24.1	30.3	16.3	140,790
artists, performers and related workers, n.e.c. (194)	29.6	38.1	48.5	18.9	88,948
editors and reporters (195)	39.8	48.8	51.0	11.2	263,318
public relations specialists (197)	28.4	49.6	58.5	30.1	164,825
engineering technicians, n.e.c (216)	12.7	23.8	30.3	17.5	231,652
sales supervisors (243)	16.5	27.8	34.6	18.1	3,381,957
insurance sales occupations (253)	15.0	25.1	35.1	20.0	657,343
real estate sales occupations (254)	33.4	44.6	50.4	17.0	771,187
advertising and related sales occupations (256)	28.9	41.7	50.8	22.0	169,250
sales other business services (257)	7.1	36.7	36.2	29.2	532,440
shoe sales (265)	40.2	56.6	61.3	21.2	107,244
news vendors (278)	21.2	33.1	39.3	18.0	104,758
supervisors, financial records procurement (305)	38.0	49.2	69.3	31.3	109,436
supervisors, distribution, scheduling and adjustments (307)	12.6	19.6	30.2	17.6	194,466
computer operators (308)	33.7	58.8	60.9	27.2	643,872
communication equipment operators, n.e.c (353)	24.8	63.2	61.7	37.0	9,971
postal clerks (354)	32.9	36.0	44.4	11.5	346,768
dispatchers (359)	17.6	31.5	46.8	29.2	200,486
production coordinators (363)	20.9	44.5	46.7	25.7	249,352
weighers, measurers and checkers (368)	27.8	38.2	47.4	19.5	77,515
expeditors (373)	35.0	53.6	64.7	29.7	233,246
material recorders and schedule clerks, n.e.c (374)	43.7	75.5	66.8	23.1	33,532
bill and account collectors (378)	33.5	59.7	66.1	32.6	158,177
protective services, n.e.c. (427)	33.9	42.7	46.0	12.1	52,898
bartenders (434)	22.4	43.2	48.9	26.5	312,549
janitors and cleaners (453)	13.7	22.8	30.7	17.1	2,301,522
supervisors, personal services occupations (456)	29.5	43.8	69.6	40.1	62,075
amusement attendants (459)	20.4	37.4	36.2	15.9	127,791
guides (463)	31.6	58.0	53.0	21.4	39,766
animal caretakers (487)	32.2	58.5	62.9	30.8	101,042
inspectors, agricultural products (489)	N/A	19.0	46.4	27.4	4,504
jewelers (647)	22.4	32.7	33.3	10.9	59,092
metal engravers (649)	16.6	35.6	36.6	20.0	16,992
tailors (667)	33.8	40.0	46.7	12.8	54,825

shoe repairers (669)	16.7	30.9	30.0	13.3	27,479
misc. precision apparel and fabric workers (674)	36.1	63.1	63.1	27.1	15,618
optical goods workers (677)	20.2	41.3	55.7	35.5	73,385
dental and medical application technicians (678)	19.3	32.5	40.5	21.1	55,814
bakers (687)	26.9	40.1	45.3	18.4	148,952
food batchmakers (688)	40.9	37.3	61.1	20.2	50,679
typesetters and compositors (736)	14.4	54.6	69.2	54.8	72,928
packaging and filling machine operators (754)	46.5	53.0	59.2	12.8	259,446
folding machine operators (765)	51.1	59.8	64.0	12.8	19,218
hand painting, coating and decorating (789)	14.3	27.9	32.2	17.9	43,770
production samplers and weighers (798)	16.9	41.5	47.3	30.4	10,461
bus drivers (808)	27.9	45.3	47.9	20.0	431,842
machine feeders and offbearers (878)	19.4	31.6	33.7	14.3	82,800

STABLE OCCUPATIONS^c

14,362,473 (12.2)

medicine and health managers (015)	58.7	50.3	66.6	7.8	229,074
statisticians (067)	41.3	48.5	50.7	9.4	30,955
medical scientists (083)	36.0	40.2	43.6	7.6	27,123
inhalation therapists (098)	54.0	56.3	61.5	7.5	65,061
computer science teachers (129)	N/A	28.7	38.0	9.3	3,887
postsecondary teachers, subject not specified (154)	30.7	34.0	39.4	8.6	600,612
secondary school teachers (157)	48.9	56.3	57.0	8.1	617,212
teachers, n.e.c. (159)	62.7	60.7	61.7	-1.1	555,898
social workers (174)	61.4	65.0	68.8	7.4	643,568
religious workers, n.e.c. (177)	46.5	57.0	56.5	9.9	90,757
musicians and composers (186)	34.4	29.8	32.8	-1.6	143,860
actors and directors (187)	31.5	33.1	39.5	8.1	106,587
biological technicians (223)	35.8	41.1	43.7	7.9	54,841
science technicians (225)	39.2	31.7	32.9	-6.3	72,554
computer programmers (229)	25.4	30.3	32.4	7.0	652,750
furniture and home furniture sales (266)	37.6	41.1	43.8	6.1	182,489
other commodities sales (274)	68.6	72.2	65.9	-2.7	1,754,422
supervisors, general office (303)	68.3	55.8	63.2	-5.1	569,749
supervisors, computers operators (304)	30.3	28.9	37.6	7.4	33,758
duplicating machine operators (345)	58.5	61.3	51.2	-7.3	27,268
office machine operators, n.e.c. (347)	61.4	69.9	63.6	2.1	32,722
mail clerks, except postal service (356)	41.1	47.7	49.5	8.4	201,364
stock and inventory clerks (365)	28.9	34.3	36.6	7.7	682,426
statistical clerks (386)	66.8	74.9	66.7	-0.2	142,474
supervisors, food preparation and service (433)	51.9	57.4	56.9	4.9	268,860
waiters and waitresses' assistants (443)	39.5	42.5	42.5	3.0	338,064
miscellaneous food preparation occupations (444)	59.7	56.3	50.8	-8.9	665,214
ushers (464)	29.2	33.6	31.8	2.6	27,457
personal service occupations, n.e.c (469)	66.2	72.6	68.5	2.3	212,622
nursery workers (484)	51.8	46.0	48.0	-3.8	34,118

graders and sorters, agriculture (488)	62.5	79.6	68.9	6.4	48,375
bookbinders (679)	50.9	56.3	51.6	0.8	29,605
electrical equipment assemblers (683)	73.9	75.4	66.9	-7.1	299,247
fabricating machine operators, n.e.c. (717)	30.6	33.1	30.6	0.0	25,366
miscellaneous printing machine operators (737)	46.4	52.7	53.8	7.5	49,159
knitting etc machine operators (739)	57.1	63.4	65.1	8.0	58,164
shoe machine operators (745)	70.5	74.2	69.4	-1.1	33,062
pressing machine operators (747)	74.2	74.9	64.4	-9.8	137,517
laundry/dry cleaning machine operators (748)	64.5	63.9	62.6	-1.9	201,826
miscellaneous textile machine operators (749)	43.2	46.6	40.5	-2.7	90,298
cement and gluing machine operators (753)	48.3	47.5	39.0	-9.3	30,801
photographic process machine operators (774)	51.3	53.7	51.6	0.3	95,939
miscellaneous and not specified machine operators (777)	31.4	32.7	32.1	0.7	587,573
machine operators, not specified (779)	33.9	33.3	30.3	-3.6	919,594
assemblers (785)	47.1	49.2	42.9	-4.2	1,493,508
hand cutting and trimming (786)	25.5	37.3	34.6	9.1	15,852
hand engraving and printing (793)	40.0	34.0	42.5	2.5	13,793
miscellaneous hand working (795)	36.5	47.5	34.7	-1.7	40,595
production inspectors, checkers and examiners (796)	50.2	51.5	52.6	2.3	605,152
production testers (797)	37.0	33.1	33.8	-3.2	57,950
graders and sorters (799)	58.0	60.6	58.7	0.7	128,537
hand packers and packagers (888)	66.1	66.6	64.7	-1.4	332,814

MASCULINIZING OCCUPATIONS^d 2,388,431 (2.0)

sales counter clerks (275)	85.3	72.2	64.7	-20.6	195,019
street and door to door sales (277)	78.4	77.6	65.9	-12.5	215,501
sales support occupations, n.e.c.(285)	78.6	52.6	49.8	-28.9	18,248
chief communications operators (306)	89.4	33.8	62.8	-26.7	4,592
peripheral equipment operators (309)	80.1	59.5	54.6	-25.5	5,878
mail preparing and paper handling machine operators (346)	71.2	61.2	52.5	-18.7	6,082
cooks, including short order (436)	65.7	56.1	47.5	-18.2	1,905,462
nailing and tacking machine operators (729)	41.8	33.5	31.2	-10.6	3,176
textile cutting machine operators (743)	65.8	44.7	40.4	-25.4	7,493
solderers and blazers (784)	83.7	78.8	67.3	-16.4	26,980

All Integrated Occupations 46,393,598 (39.4)
Total Labor Force 117,880,000

Notes:

^aWeighted N

^bFeminizing occupations are occupations in which the percent female increased by at least 10% from 1970 to 1990.

^cStable occupations are occupations in which there is less than a 10% change in the percentage female in either direction.

^dMasculinizing occupations are occupations in which the percent female decreased by at least 10% from 1970 to 1990.

Source: U.S. Census Microdata, 1970, 1980,1990 (U.S. Bureau of the Census, 1972; 1983; 1993)