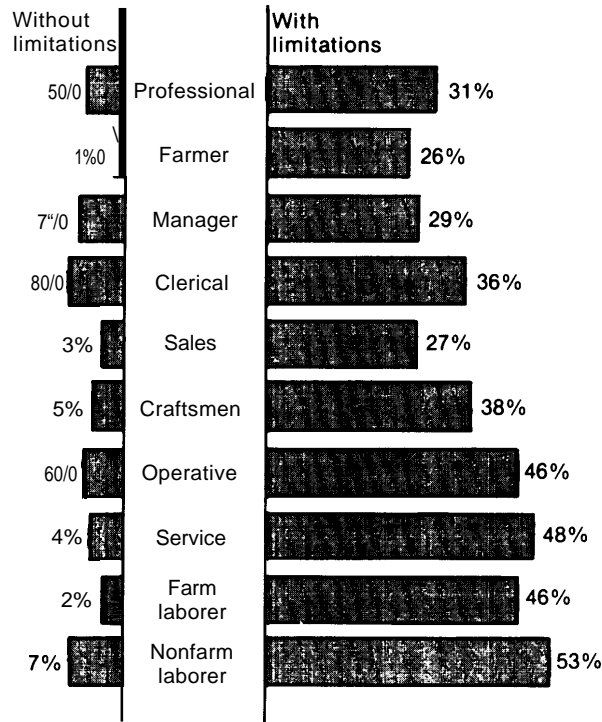


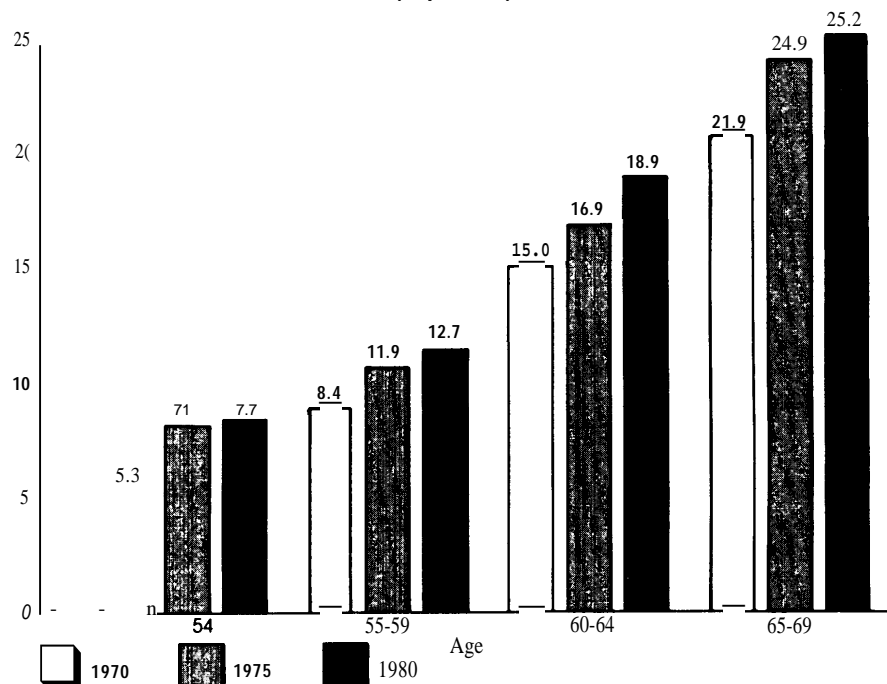
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Figure E-1.— Percent Men Aged 58 to 63 Not in the Labor Force, by Type of Longest Held Job and Presence or Absence of Work Limitations



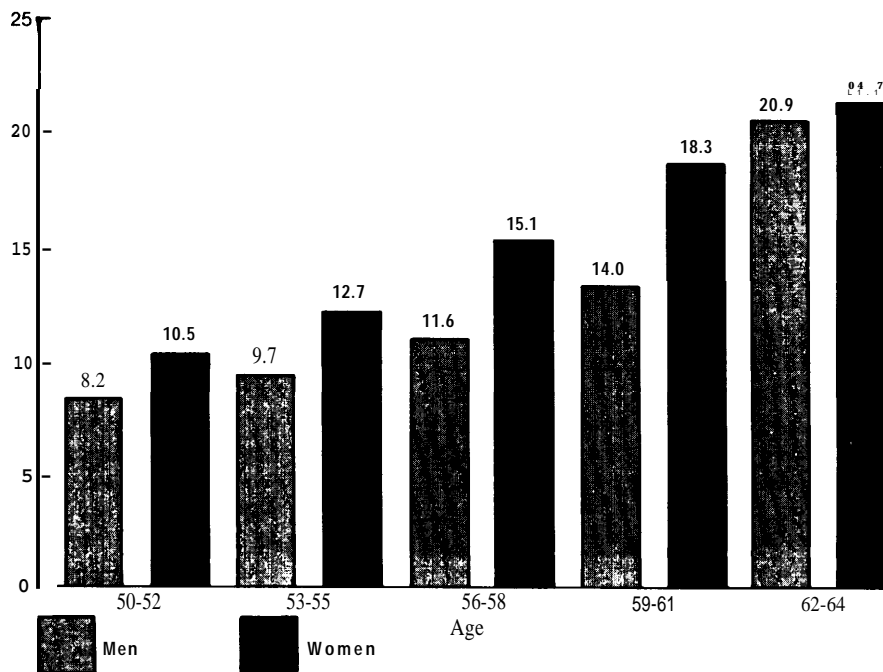
SOURCE: Retirement History Survey (1969)

Figure E-2.—Work Disability Rates for Men, by Selected Age Groups, 1970-80 (in percent)



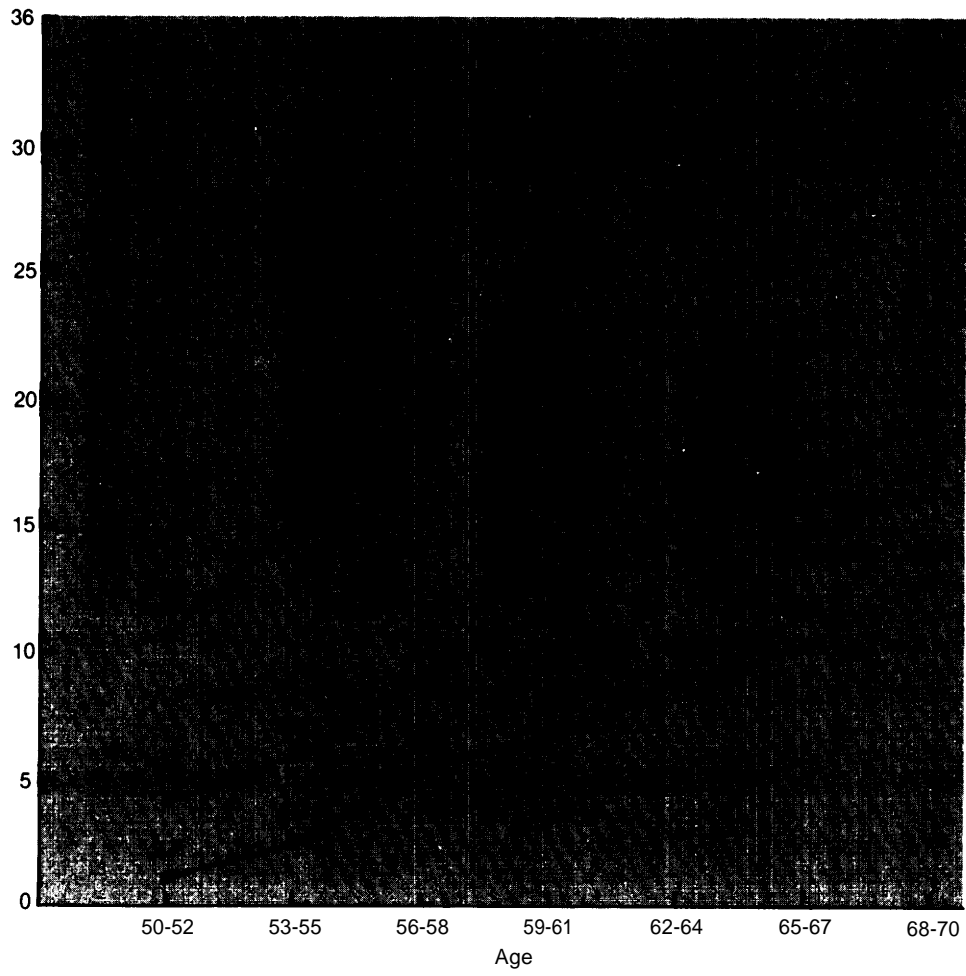
SOURCE: National Health Interview Survey, National Center for Health Statistics in Feldman (1963).

Figure E-3.—Work Disability Rates for Men and Women, by Selected Age Groups, 1976 (in percent)



SOURCE: 1976 Survey of Income and Education, Bureau of the Census in Feldman (1963).

Figure E-4.—Work Disability Rates for Men, by Selected Age Groups and Years of Education, 1976 (in percent)



SOURCE: National Health Interview Survey, National Center for Health Statistics. In Feldman, 1983,

Table E-1.—Labor Force Participation Rates and Number of Workers 45+ by Sex and Age, Selected Years, 1947-83

Year	Number (in millions)			LFPR ^a (in percent)	
	Total	Men	Women	Men	Women
Age 45-54:					
1947.....	10.6	7.9	2.7	95.50/0	32.70/0
1950.....	11.5	8.2	3.3	95.8	38.0
1960.....	14.9	9.6	5.3	95.8	49.8
1970.....	17.0	10.5	6.5	94.3	54.4
1980.....	16.9	9.9	7.0	91.2	59.9
1983.....	16.9	9.7	7.2	90.8	62.3
Age 55-64:					
1947.....	7.2	5.6	1.5	89.6	24.3
1950.....	7.6	5.8		86.9	27.0
1960.....	9.4	6.4	3.0	86.3	37.2
1970.....	11.3	7.1	4.2	83.0	43.0
1980.....	11.8	7.2	4.6	72.3	44.5
1983.....	12.1	7.2	4.9	69.7	42.1
Age 65+:					
1947.....	2.8	2.4	0.4	47.8	8.1
1950.....	3.0	2.5	0.6	45.8	9.7
1960.....	3.2	2.3	0.9	33.1	10.8
1970.....	3.2	2.2	1.1	26.8	9.7
1980.....	3.0	1.9	1.1	19.1	8.1
1983.....	3.0	1.8	1.2	16.5	7.9

^aLabor Force Participation Rate

SOURCES 1980 *Handbook of Labor Statistics*, Bureau of Labor Statistics, 1983 data from *Employment and Earnings*, Bureau of Labor Statistics, January 1984

Table E.2.—Employment by Age, Selected Years, 1950-95 (numbers in millions)

Age	1950		1960		1970		1982		1995	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
16-44.....	41.7	65%	44.6	62%	54.3	63%	78.2	71%	92.4	70%
45-54.....	11.5	18	14.9	22	17.0	20	16.9	15	25.0	19
55-64.....	7.6	12	9.4	13	11.3	13	12.0	11	11.0	8
65+.....	3.0	5	3.2	4.5	4.5	3.7	3.0	2.7	3.1	2.3
Median age(years). .	38.6		40.5		39.0		34.8		37.3	

SOURCE: Table 2, *Handbook of Labor Statistics 1980*, Bureau of Labor Statistics.

Table E"3.—Civilian Labor Force, by Sex, Age, and Race, 1955-83 (numbers in millions, LFPR in percent)

	1955		1970		1983	
	Number	LFPR ^a	Number	LFPR	Number	LFPR
Men:						
45-54	8.9	96.50/0	10.4	94.30/0	9.7	90.8%
55-64	6.6	87.9	7.1	83.0	7.2	69.7
65+	2.5	9.6	2.2	26.8	1.8	16.5
65-69	—	—	—	.	1.0	24.6
70+	—	—	—	—	0.8	11.8
<i>White:</i>						
45-54	8.0	96.7	9.5	94.9	8.6	91.5
55-64	5.7	88.4	6.5	76.5	6.5	70.8
65+	2.3	39.5	2.0	26.7	1.6	16.9
65-69	—	—	—	—	0.9	25.0
70+	—	—	—	—	0.7	12.0
<i>Black and other races:</i>						
45-54	0.8	94.2	9.3	88.2	0.8	84.5
55-64	0.5	83.1	6.1	79.2	0.5	58.6
65+	0.2	40.0	0.2	27.4	0.1	12.7
65-69	—	—	—	—	0.06	18.9
70+	—	—	—	—	0.05	9.2
Women:						
45-54	4.2	43.8	6.5	54.4	7.2	62.3
55-64	2.4	32.5	4.1	43.0	4.9	42.1
65+	0.8	10.6	1.1	9.7	1.2	7.9
65-69	—	—	—	—	0.7	15.0
70+	—	—	—	—	0.5	4.5
<i>White:</i>						
45-54	3.7	42.7	5.8	53.7	6.2	62.4
55-64	2.2	31.8	3.7	42.6	4.3	41.6
65+	0.7	10.5	1.0	9.5	1.1	7.9
65-69	—	—	—	—	0.7	15.1
70+	—	—	—	—	0.4	4.5
<i>Black and other races:</i>						
45-54	0.5	54.8	0.8	60.2	0.8	61.9
55-64	0.2	40.7	0.4	47.1	0.5	45.1
65+	0.06	12.2	0.1	12.2	0.1	7.5
65-69	—	—	—	—	0.06	14.3
70+	—	—	—	—	0.04	4.2

^a Labor force participation rate.

SOURCE 1980 *Handbook of Labor Statistics*, Bureau of Labor Statistics; 1983 data from *Employment and Earnings*, Bureau of Labor Statistics, January 1984.

Table E-4.—Job Distribution by Industry, 1900-83 (numbers in millions)

Industry	1900		1920		1940		1960		1970		1983	
	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent	Number	Percent
Mining	0.6	4%	1.2	4%	0.9	3%	0.7	1%	0.6	1%	1.0	1%
Construction	1.1	8	0.9	3	1.3	4	3.0	5	3.6	5	4.0	4
Manufacture	5.5	36	10.7	39	11.0	34	16.8	31	19.3	27	18.5	21
Transport	2.3	15	4.3	16	3.0	9	4.0	7	4.5	6	5.0	6
Trade	2.5	16	4.0	15	6.8	21	11.4	21	15.0	21	20.1	22
Finance	0.3	2	0.9	3	1.5	5	2.6	5	3.6	5	5.5	6
Services	1.7	11	3.1	11	3.7	11	7.4	14	11.5	16	19.7	22
Government	1.1	7	2.3	9	4.2	13	8.3	15	12.6	18	15.9	18
Total, non-farm employers	15.2		27.4		32.4		54.2		70.9		88.1	

Source: Bureau of Economic Analysis, *Historical Statistics of the United States, Colonial Times to 1957*, U.S. Bureau of the Census, 1975, 1960, 1970; Table No. 659 *Statistical Abstracts of the United States 1982-83*, U.S. Bureau of the Census, 1982, 1983; *Employment and Earnings*, U.S. Bureau of Labor Statistics, vol. 31(6), June 1984.

Table E-5.—Industry Distribution of Employed Men and Women Aged 45+, 1980 (percent)

Industry	Men				Women			
	45-54	55-59	60-64	65+	45-54	55-59	60-64	65+
Mining	1%	1%	1%	1%	0.30/0	0.20/0	—	—
Construction	10	9	8	6	1	1	1%	—
Manufacturing	29	29	28	12	19	18	17	90/0
Durable	20	19	18	7	9	9	8	3
Nondurable	9	10	10	5	10	9	9	6
Transportation	10	10	8		3	3	3	
Trade	15	15	16	2	20	19	21	26
Wholesale	5	5	5	5	2	2	2	2
Retail	10	10	11	16	18	17	19	24
Finance/insurance/real estate	5	5	5	7	8	7	6	6
Services	18	18	20	30	40	40	41	42
Public administration	8	7	6	5	5	6	4	3
Agriculture	4	5	7	14		1	2	2
Private household	—	—	—	—		4	5	11

SOURCE: National Policy Center on Employment and Retirement, University of Southern California, unpublished data from the 1980 Current Population Survey.

Table E-6.—Distribution of Workers Aged 55-64 and 65+, by Firm Size, 1979 (percent)

Firm size (number of employees)	Workers age55-64					Workers age65+					
	<25	25-99	100-499	500-999	1000+	<25	25-99	100-499	500-999	1000+	
Mining	20/0	—	13%	—	85%	—	—	—	—	—	
Construction	43	23%	17	2%	15	47%	25%	15%	5%	7%	
Manufacturing	7	13	13	4		32	24	6	6		
Transportation/Utilities	13	8	10	5	::	3	—	—	34		
Wholesale trade	31	28	21	1	19	61	25	7	—	7	
Retail trade	52	15	8	3	21	59	21	9	—	10	
Finance/insurance/real estate	30	18	8	7	37	78	2	12	3	5	
Services			30	13	17	10	51	18	11	4	15
Public administration	11	11	8	2		31	27	14	—	28	

NOTE: The sample size on which the percentages are calculated is the population for which firm size is identified; uncertain responses were not included.

SOURCE: National Policy Center on Employment and Retirement, University of Southern California, unpublished data from a special supplement to the May 1979 Current Population Survey.

Table E-7.—Unemployment by Reason for Unemployment, by Sex and Age, 1968-81 Averages (percent)

Characteristics	Total	Job losers			Job leavers	Reentrant
		Total	On layoff	Other job losers		
Men:						
25-54	3.70/0	2.70/0	0.90/0	1.80/0	0.4%	0.5%
55-64	3.0	2.3	0.7	1.5	0.2	0.5
65 and over	3.6	1.8	0.5	1.3	0.2	0.6
Women:						
25-54	5.5	2.4	0.9	1.5	0.8	2.1
55-64	3.4	2.0	0.8	1.3	0.4	0.9
65 and over	3.6	1.9	0.7	1.2	0.3	1.4

SOURCE: P. L. Rones, "The Labor Market Problems of Older Workers," *Monthly Labor Review*, May 1983.

Table E-8.—Median Weeks of Unemployment for all Persons With Unemployment Experience, Selected Years, by Sex and Selected Age Groups

Characteristic	1973	1975	1978	1981
Men:				
25-54	8.9	14.2	11.6	13.7
55-64	11.3	17.1	13.7	13.6
65 and over	14.9	19.1	18.3	16.2
Women:				
25-54	6.9	11.3	9.1	11.3
55-64	10.8	16.6	11.7	11.2
65 and over	8.6	19.1	14.3	13.3

SOURCE: P. L. Rones, "The Labor Market Problems of Older Workers," *Monthly Labor Review*, May 1983.

Table E-9.—Percentage increase in Unemployment Rates for Job Seekers When including Discouraged Workers, by Sex and Selected Age Groups (average of 1968-81)

Sex	Age 25 to 54	Age 55 to 64	Age 65+
Men	0.20/0	0.57/0	3.20/0
Women	1.2	1.5	4.7

SOURCE: P. L. Rones, "The Labor Market Problems of Older Workers," *Monthly Labor Review*, May 1983.

Table E-10.—Percentage of Total Money Income by Source, All Persons Aged 65+

Income (1979)	Earnings	SSA	Private pensions	Asset income	Government assistance
<\$5,000	30/0	760/0	3%	60/0	12%
\$5,000-9,999	10	59	12	15	4
\$10,000-14,999	18	43	17	19	3
\$15,000-24,999	34	26	16	22	2
\$25,000+	48	11	13	27	1

SOURCE: Retirement *Income Opportunities in Aging America: Home Levels and Adequacy*, Employment Benefit Research Institute, 1982, Table 1-20, page 30. Tabulations from 1980 Census.

Table E= II.—Total Income for Families and Unrelated Individuals, by Age, 1982

Income Class	Under 65		65+	
	Percent	Number	Percent	Number
Families:				
<\$7,499	11 %	5,697,560	14%	1,343,580
\$7,500-12,499	10	5,179,600	22	2,111,340
\$12,500-17,499	11	5,697,560	18	1,727,460
\$17,500-24,499	18	9,323,280	19	1,823,430
\$25,000+	50	25,898,000	26	2,501,000
Mean income		\$28,585		\$20,990
Total number		51,796,000		9,597,000
Unrelated individuals:				
<\$5,000	21	4,095,420	32	2,689,920
\$5,000-5,999	6	1,170,120	14	1,176,840
\$6,000-6,999	3	585,060	9	797,000
\$7,000 -9,999	11	2,145,220	17	1,400,000
\$10,000 -17,499	28	5,460,560	17	1,408,000
\$17,500+	31	6,045,620	11	936,000
Mean income		\$14,602		\$9,366
Total number		19,502,000		8,406,000

SOURCE: Derived from *Current Population Reports, Series P-60, No. 140, "Money Income and Poverty Status of Families and Persons in the United States 1982,"* U S Bureau of the Census, table 6, p. 12.

Table E-12.—Work Status of Adults Aged 65+, 1979 (percent)

Work status	Couples			Singles		
	65-69	70-72	73+	65-69	70-72	73+
Full-time	14 %	60/0	30/0	7%	4%	1%
Part-time	26	23	12	21	13	6
No work	60	71	85	72	83	93

SOURCE: T. Borzilleri, *Income and Expenditures of the Elderly, Contract No. 333-8050, submitted to the Office of Technology Assessment, October 1983.*

Table E-13.—Estimated Mean Income of Elderly Persons, by Source of Income, Sex, and Selected Age Groups (1980 Dollars)

Age group	Earnings (1980)	Social Security (1982)	Pensions (1982)
Men:			
62-64		\$3,949	\$2,334
65-71	\$8,369	—	—
65-67	—	5,084	1,876
68-71	—	4,972	1,736
72+	7,454	4,138	601
Women:			
62-64	—	2,637	1,141
65-71	7,297	—	—
65-67	—	3,115	846
68-71	—	3,219	771
72+	6555	3,271	259

SOURCES: Earnings—The *Elderly and the Future Economy*, Lawrence Olson, et al., 1981, table 9, p. 52; Social Security and Pensions—S. R. Zdzlewski, *Microsimulation of the Private Pension System: Four Projections to the Year 2020*, Urban Institute, January 1983, table 5, p. 25.

Table E-14.—Distribution of Persons Aged 58=63 by Self-Reported Health Status, by Marital Status and Selected Age Groups, 1969

Health status	Total	Men, spouse present			Men, no spouse			Women, no spouse								
		Total	58-59	60-61	62-63	Total	58-59	60-61	62-63	Total	58-59	60-61	62-63			
Number (millions):																
Total		6.8	4.2	1.5	1.4	1.3	0.7	0.3	0.2	0.2	2	0.6	0.6	0.7		
Percent of above:																
Better than peers.	43%/0	35%/0	34%	350/0	360/0	280/0	250/0	30%	30%	35%	350/0	350/0	34%			
Same as peers.				41	42	44	42	41	41	43	40	38	39	41	38	39
Worse than peers.				20	19	18	21	19	27	29	25	28	20	20	21	20
Don't know.	4	3	3	2	4	4	3	5	4	5	4	5	5	6	6	

SOURCE: Retirement History Survey, 1969.

Table E-15.—Distribution of Persons Aged 58-63 With Work Limitations, by Extent of Limitation, Sex, Marital Status, and Selected Age Groups, 1969

Extent of limitation	Total	Men, spouse present			Men, no spouse			Women, no spouse							
		Total	58-59	60-61	62-63	Total	58-59	60-61	62-63	Total	58-59	60-61	62-63		
Number (millions):															
Total		6.8	4.1	1.5	1.4	1.3	0.7	0.2	0.3	0.2	2.0	0.6	0.6	0.7	
Percent of above:															
No limitation.	61 %/0	63%/0	670/0	620/0	580/0	530/0	590/0	54%	47%	61 0/0	650/0	600/0	580/0		
Mobility only.	4	4	4	4	4	2	2	2	3	3	3	4	3		
Work limitation.															
			35	33	29	34	38	44	40	44	50	36	32	36	39

SOURCE: Retirement History Survey, 1969.

Table E.16.—Work Limitations by Longest Held occupation, Persons Aged 58-63, 1969

Longest held occupation	Number reporting (in millions)	Percent with work limitations
Total	4.8	35%
Professional	0.4	21
Farmer	0.4	45
Manager	0.8	28
Clerical	0.2	30
Sales	0.2	31
Craftsman	1.1	33
Operative	1.0	39
Service	0.3	38
Farm laborer	0.1	49
Nonfarm laborer	0.3	43

SOURCE: Retirements History Survey, 1989

Table E=17.—Labor Force Participation Rates, United States, 1900=83 (percent in labor force)

Sex/age	1900	1920	1940	1944	1950	1955	1960	1970	1976	1983
Both sexes:	55.0%	55.80/o	55.9%	63.10/o	58.30/o	58.7%	57.4%	60.30/o	61.2%	63.80/o
Men:										
14+	87.7	85.9	83.9	89.8	84.4	83.6	79.7	79.2	76.9	—
14-17	—	—	—	—	—	34.4	46.7	48.4	—	—
18-19	63.6	52.6	44.2	70.0	53.2	49.5	73.1	68.8	72.1	65.4
20-24	91.7	91.0	96.1	98.5	89.0	90.8	88.9	85.1	85.2	82.9
25-34	—	98.1	99.0	—	97.7	96.4	92.9	94.2	94.2	—
35-44	96.3	97.2	98.5	—	97.6	98.4	96.4	95.7	94.6	95.4
45-54	—	95.5	97.1	95.8	96.4	94.3	92.9	90.6	90.8	—
55-64	93.3	93.8	87.2	92.1	87.0	88.3	85.2	81.5	73.5	69.7
65+	68.3	60.1	45.0	52.2	45.8	40.6	32.2	25.8	19.4	16.5
Women:										
14+	20.4	24.1	28.2	36.8	33.1	34.8	36.1	42.8	46.8	—
14-17	—	—	—	—	—	20.8	34.6	40.6	—	—
18-19	26.8	28.4	23.3	42.0	31.5	29.9	51.0	53.4	58.9	58.4
20-24	32.1	38.1	49.5	55.0	46.1	46.0	46.1	57.5	65.0	69.0
25-34	—	35.2	39.0	34.0	34.9	35.8	44.8	56.9	69.7	—
35-44	18.1	22.4	28.8	40.5	39.1	41.6	43.1	50.9	57.6	69.6%
45-54	14.1	17.1	24.3	35.8	38.0	43.8	49.3	54.0	54.6	62.3
55-64	—	18.7	25.4	27.0	32.5	36.7	42.5	40.7	42.1	—
65+	9.1	8.0	7.4	9.8	9.7	10.6	10.5	9.2	7.8	7.9

SOURCES: Adapted from Aging and. *Volume 1:An Inventory ofResearch Findings*, by M.W. Riley and A. Foner Russell Sage Foundation, 1968. Data for 1970, 1976, and 1963 are from *Employment and Earnings*, Bureau of Labor Statistics, January 1964.

Table E-18.—Average Monthly Retired Worker Benefits With and Without Reduction for Early Retirement, 1961-80

Atend of year	Without reduction for early retirement		With reduction for early retirement	
	Men	Women	Men	Women
1961	\$84	\$65	\$69	\$57
1962	85	66	71	58
1963	87	67	72	58
1964	88	69	73	59
1965	96	75	79	64
1966	97	76	80	65
1967	99	—	82	66
1968	115	82	95	78
1969	118	95	97	79
1970	139	112	115	94
1971	156	126	130	105
1972	192	156	161	130
1973	197	164	164	135
1974	224	186	187	154
1975	247	206	207	169
1976	270	224	226	183
1977	293	242	246	198
1978	320	264	268	214
1980	380	288	349	275

SOURCES: Adapted from Bixby,1976, p. 6, and Social Security Bulletin September1979,p .62. From Foner and Schwab, 1961, p. 48.1960: *Social Security Bulletin, Annual Statistical Supplement*, 1962.

Table E-19.—Retirees' Answers to Hypothetical Job Offers, by Year of Retirement (percent)

	1976 retirees		1978 retirees
	1976	1978	1978
Definitely accept.	30/0	60/0	5%
Maybe accept.	14	11	20
No, health problems.	40	40	33
No, other reasons.	43	43	42

SOURCE: T. Borzilleri, *Income and Expenditures of the Elderly*, Contract No. 333-8050, submitted to the Office of Technology Assessment, October 1983.

Table E.20.— Retirees' Attitudes^aTowards Their Retirement, 1980-83

Reponse to question	Average				
	1980-83	1980	1981	1982	1983
Glad I retired.	620/o	600/0	61 0/0	640/o	630/o
Rather still be working.	32	30	33	32	33
Undecided	6	10	6	4	4

a Note: Response is to question: "Are you glad you retired or would you rather Still be working?"

SOURCE: Derived from *AARP Annual Survey of the Opinions of Older Americans*, AARP, Washington DC, 1980, 1981, 1982, 1983.

Table E-21.— Retirement Satisfaction, by Income, 1983

Income class	<\$4,000	\$4,000-\$6,999	\$8,000-17,999	\$18,000+
Glad retired.	350/0	520/o	690/o	81 0/0
Rather still be working.	65	46	27	14

SOURCE: *AARP 4th Annual Survey of the Opinions of Older Americans*, AARP, Washington, DC, July 1983,

Table E.22.— Reported Reason' for Not Working, 1980-83 (percent)

	Average				
	1980-83	1980	1981	1982	1983
Don't want or need to.	31 .3%	320/o	270/o	34%	320/o
Too old	21.8	17	19	24	27
Health	25.8	24	33	23	23
No work available.	4.0	2	4	5	5
Rules (retirement test).	2.3	2	3	2	2
Don't know/other.	13.8	23	14	12	6

a Note: Response is to question: "Is there any particular reason why you are not Currently working?"

SOURCE" *AARP 4th Annual Survey of Opinions of Older Americans*, AARP, Washington, DC, July 1983.

**Table E-23.—Number and Rate of Labor Force Participation, by Age, Sex and Race, 1990 and 1995
(numbers in millions)**

	1990		1995	
	Number	LFPR* (in percent)	Number	LFPR (in percent)
Both sexes and races:				
45-54	19.9	78.80/0	24.9	80.00/0
55-64	11.0	52.7	10.9	9.5
65+	3.2	10.5	3.1	9.5
Men:				
White:				
45-54	9.9	92.3	12.2	92.1
55-64	5.8	66.3	5.7	65.5
65+	1.7	15.3	1.6	13.7
Black and other races:				
45-54	1.2	84.1	1.6	84.2
55-64	0.6	58.9	0.7	57.4
65+	0.1	12.0	0.1	9.9
Women:				
White:				
45-54	7.5	67.1	9.5	69.7
55-64	4.0	41.2	4.0	42.2
65+	1.2	7.4	1.1	6.9
Black and other races:				
45-54	1.2	66.6	1.6	68.4
55-64	0.6	43.6	0.7	43.7
65+	0.2	8.2	0.2	7.7

a Labor force participation rate

SOURCE: Bureau of Labor Statistics, unpublished data.

**Table E.24.—Number and Rate of Labor Force Participation, by Age, Race and Sex, 1995:
Middle-Growth Trend Projections**

	Labor force participation			
	Number (in millions)		Rate (in percent)	
	White	Black and other	White	Black and other
Men:				
16-24	9.3	1.3	79.1%	52.7%
25-34,	15.3	2.8	94.6	86.0
35-44	16.7	2.7	96.2	90.5
45-54	12.2	16.2	92.1	84.2
55-64	5.7	0.6	65.5	57.4
65+	1.6	0.1	13.7	9.9
Women:				
16-24	9.0	1.5	75.4	55.3
25-34,	13.4	2.9	81.8	81.1
35-44	14.5	2.9	82.7	83.1
45-54	9.5	1.6	69.7	68.4
55-64	4.0	0.7	42.2	43.7
65+	1.2	0.2	6.9	7.7

SOURCE: Bureau of Labor Statistics, unpublished data.

Table E-25.—Labor Force Participation Rates by Age, Race and Sex, 1995

	1995
Both:	
65+	9.5%
65-69	17.9
70-74	10.3
75+	3.6
Men:	
White:	
65+	13.7
65-69	21.8
70-74	14.1
75+	6.6
Black and other races:	
65+	9.9
65-69	15.6
70-74	11.0
75+	4.0
Women:	
White:	
65+	6.9
65-69	14.7
70-74	7.3
75+	2.1
Black and other races:	
65+	7.7
65-69	18.8
70-74	4.9
75+	1.6

SOURCE: Bureau of Labor Statistics, unpublished data

Table E-26.—Labor Force Participation Rates, by Selected Age Groups, 1995 and 2020 (in percent)

	1995		2020	
16-24	16 ^A		16%	
25-34	26		24	
35-44	28		23	
45-54	19		20	
55-64	8	29.3	14.3	37.5
65+	2.3		3.2	

SOURCE: Bureau of Labor Statistics, unpublished data.

Table E-27.—Actual and Projected Employment by Industry, Selected Years, 1982=95 (numbers in millions)

Industry	1982 (actual)	1990 (projected)	1995 (projected)
Agriculture	2.8	2.7	2.6
Mining	0.7	0.8	0.9
Construction	5.5	7.0	7.9
Manufacturing	11.3	13.6	14.5
Durable goods,	7.9	8.7	9.0
Transportation	3.1	3.5	3.6
Communications	1.4	1.7	2.0
Public utilities	1.0		1.1
Trade	22.5	26.3	28.5
Finance/insurance/real estate	5.9	7.1	
Services	24.3	29.3	32.6
Government	1.5	1.6	1.7

SOURCE: V. A. Personick, "The Job Outlook Through 1995: Industry Output and Employment Projection," Monthly Labor Review, November 1983.

Table E-28.—Projected Employment Changes for Selected industries, 1982-95

Industry	Average annual rate of change		
	1982-95	1982-89	1990-95
Fastest growth:			
Medical and dental instruments	4.3%	3.2%	6.1%
Business services	3.9	4.1	3.6
Iron and ores mining	3.9	5.7	1.1
Computers and peripheral equipment	3.8	4.0	3.4
Audio and T.V. broadcasting	3.8	4.2	4.0
Other medical services	3.8	3.6	4.0
Plastics products	3.5	4.1	2.4
Scientific and control instruments	3.4	3.2	3.7
Electronic components	3.2	3.6	2.7
New construction	3.1	3.3	2.8
Most rapidly declining:			
Leather tanning and industry	-3.3	-2.3	-4.9
Dairy products	-2.3	-2.1	-2.6
Wooden containers	-2.3	-2.3	-2.2
Leather products	-2.2	-2.4	-1.9
Tobacco manufacturers	-2.1	-1.2	-3.4
Bakery products	-2.0	-1.0	-3.7
Rail transport	-1.6	-1.8	-1.2
Cotton	-1.5	-1.5	-1.5
Private households	-1.5	-1.8	-0.8
Dairy and poultry	-1.3	-1.4	-1.3

SOURCE: V. A. Personick, "The Job Outlook Through 1995: Industry Output and Employment Projections," Monthly Labor Review, November 1983.

Table E+9.—Projections of the Twenty Fastest Growing Occupations, Percent Increase: 1982-95

Occupation	Percent growth in employment
Computer service technicians	96.80/0
Legal assistants	94.3
Computer systems analysts	85.3
Computer programmers	76.9
Computer operators	75.8
Office machine repairers	71.7
Physical therapy assistants	67.8
Electrical engineers	65.3
Civil engineering technicians	63.9
Peripheral EDP equipment operators	63.5
Insurance clerks, medical	62.2
Electrical and electronic technicians	60.7
Occupational therapists	59.8
Surveyor helpers	58.6
Credit clerks, banking and insurance	54.1
Physical therapists	53.6
Employment interviewers	52.5
Mechanical engineers	51.5
Mechanical engineering technicians	51.6
Compression and injection molding machine operators	50.3

SOURCE: G. T. Silvestri, J. M. Lukasiewicz, and E. M. Einstein, "Occupational Employment Projections Through 1995," Monthly Labor Review, November 1983.

Table E-30.-Projections of the Forty Occupations With Largest Growth, 1982-95

Occupation	Change in total employment (thousands)	Percent of growth in total employment	Percent increase in occupation
Building custodians	779	3.0%	27.50/o
Cashiers	744	2.9	47.4
Secretaries	719	2.8	29.5
General clerks, office	696	2.7	29.6
Salesclerks	685	2.7	23.5
Nurses, professional	642	2.5	48.9
Waiters and waitresses	562	2.2	33.8
Teachers, kindergarten and elem	511	2.0	37.4
Truckdrivers	425	1.7	26.5
Nursing aides and orderlies	423	1.7	34.8
Sales representatives, technical	386	1.5	29.3
Accountants and auditors	344	1.3	40.2
Auto mechanics	324	1.3	38.3
Supervisors of blue-collar workers	319	1.2	26.6
Kitchen helpers.	305	1.2	35.9
Guards and doorkeepers.	300	1.2	47.3
Food prep and fast food workers		1.2	
Managers, store		1.1	
Carpenters	247	1.0	28.6
Electrical and electronic engineers	222	0.9	60.7
Licensed practical nurses	220	0.9	37.1
Computer systems analysts	217	0.8	85.3
Electrical engineers	209	0.8	65.3
Computer programmers	205	0.8	76.9
Maintenance repairers, utility	193	0.8	27.8
Helpers, trade...	190	0.7	31.2
Receptionists	189	0.7	48.8
Electricians	173	0.7	31.8
Physicians	163		34.0
Clerical supervisors	162	0.7	34.6
Computer operators.	160	0.6	75.8
Sales reps, nontechnical	160		27.4
Lawyers	159	0.6	34.3
Stock clerks	156		18.8
Typists	155	0.6	15.7
Delivery and route workers	153	0.6	19.2
Bookkeepers, hand	152	0.6	15.9
Cooks, restaurants	149		42.3
Bank tellers	142	::;	30.0
Cooks, fast food	141	0.6	32.2

SOURCE: G. T. Silvestri, J.M. Lukasicwicz, and M. E. Einstein, "Occupational Employment Projections Through 1995:" Monthly Labor Review, November 1983.

Table E-31 .—Projections of the Twenty Most Rapidly Declining Occupations, 1982-95

Occupation	Percent decline in employment
Railroad conductors	32.00/o
Aircraft structure assemblers.	21.0
Central telephone operators.	20.0
Taxi drivers.	18.9
Postal clerks	17.9
Private household workers	16.9
Child care workers	16.9
Maids and servants	16.7
Farm laborers	15.9
College and university faculty	15.0
Roustabouts	14.4
Postmasters and mail superintendents	13.8
Rotary drill operators and helpers.	11.6
Graduate assistants	11.2
Data entry operators	10.6
Stenographers	7.4
Farm owners and tenants	7.3
Typesetters and compositors	7.3
Butchers and meat cutters	6.3
Farm supervisors	3.7

SOURCE: G. T. Silvestri, J. M. Lukasicwicz, and M. E. Einstein, "Occupational Employment Projections Through 1995," *Monthly Labor Review*, November 1983.

Table E-32.—Distribution of Employment by Occupational Group, 1982 and Projected 1995 (percent)

Occupational group	1982	1995
Professional, technical, and related	16.30/o	17.1 o/o
Managers, officials and proprietors	9.4	9.6
Salesworkers	6.9	6.9
Clerical workers.	18.8	18.9
Craft and related workers	11.4	11.6
Operatives	12.8	12.1
Service workers	16.0	16.3
Laborers except farm	5.8	5.5
Farmers and farmworkers	2.7	1.9

SOURCE: G. T. Silvestri, J. M. Lukasicwicz, and M. E. Etnstein, "Occupational Employment Projections Through 1995," *Monthly Labor Review*, November 1983.

Table E-33.-Estimated and Projected Mean Income, Selected Years: 1980-2050

Age group	1980	1990	2050
Men:			
65-71	\$8,369	\$9,078	\$10,094
72+	7,454	8,101	9,042
All 65+	7,850	8,537	9,517
Women:			
65-71	7,297	7,989	8,998
72+	6,255	6,885	8,528
All 65+	6,658	7,303	8,703
Families:			
65-71	18,019	19,925	22,270
72+	14,984	16,675	18,874
All 65+	16,608	18,452	20,746

SOURCE: L. Olsen, C. Caton, and M. Duffy, *The Elderly and the Future Economy*, 1981, table 3-9, p.52.**Table E.34.—Current and Projected Distribution of Elderly With Incomes Below Adequate Budget Levels, by Selected Age Groups, 1979.2005**

	1979	1990	2005
Individuals:			
Men:			
65-71	45%	42%	36%
72+	50	47	39
Women:			
65-71	50	46	39
72+	59	52	38
All individuals:	54	49	38
Families:			
Head 65-71	29	24	19
Head 72+	41	36	28
All families:	34	29	23

SOURCE: L.Olsen,C.Caton, and M. Duffy, *The Elderlyand the Future Economy*, 1981, table, p. 52.**Table E-35.-Projected Mean income (1980 dollars) by Source, Sex, and Selected Age Groups, 1982.2020**

	Social Security			Private pensions		
	1982	2000	2020	1982	2000	2020
Men:						
62-64.	\$3,949	\$5,791	\$8,061	\$2,334	\$3,703	\$4,974
65-67.	5,084	5,573	7,865	1,876	3,509	4,521
68-71	4,972	5,526	7,831	1,736	2,834	4,518
72+	4,138	4,589	6,571	601	1,419	2,586
Women:						
62-64.	2,637	3,233	4,674	1,141	1,603	1,865
65-67.	3,115	3,452	4,804	846	1,584	1,897
68-71	3,219	3,362	4,992	771	1,103	1,776
72+	3,271	3,558	4,594	259	586	1,047

SOURCE: S. R. Zedlewski *Microsimulation of the Private Pension System: Four Projections to the Year 2020*, Urban institute, January 1983, table 5, p.25.

Table E-36.—Distribution of Elderly Persons With Private Pensions, 1982 Estimates, and Projections for 2000 and 2020, by Sex

	Men			Women		
	1982	2000	2020	1982	2000	2020
62-64	250/0	53 %/0	620/0	90/0	230/0	390/0
65-67	31	54	65	11	24	41
68-71	34	55	66	12	23	42
72+	25	43	63	9	16	31

SOURCE: S. R. Zedlewski, *Microsimulation of the Private Pension System: Four Projections to the Year 2020*, Urban Institute, January 1983, table 6 p. 27.

Table E-37.—Projected Future Annual Family Income at Age 65 (1982 Dollars)

Age in 1979	Year of retirement	Married couples	Non-marrieds
25-34	2013-2023	\$34,088	\$15,697
35-44	2003-2013	29,709	14,921
45-54	1993-2003	22,469	9,846
55-64	1983-1993	17,347	7,127

SOURCE: S. J. Schieber, *Social Security: Perspectives on Saving the System*, Employee Benefit Research Institute, 1982, table 111-17, p. 100.

Table E-38.—Percent of Workers Not in the Labor Force, by Years of Education, 1969

Years of education	Number reporting (in thousands)	Percent not in the labor force
Total	4,823	17 %/0
0-8	2,106	21
9-11	891	17
12	1,031	11
13 or more	795	12

SOURCE *Retirement History Survey, 1969*

Table E-39.—Comparison of Surveys on Work Force Disability, 1969-80

Survey	Percent without disability			Percent with work limitations			Percent unable to work			Percent limited in activity			
	45-54	55-64	65+	45-54	55-64	65+	45-54	55-64	65+	45-54	55-64	65+	
RHS, 1969 ^a	61	70	—	35%	—	—	13%	—	—	—	22	70	—
Lando, et al., 1978 ^b	76	63	—	6	6	—	11	25	—	7	6	—	—
NCHS, 1978-79 ^c	81	71	55	—	—	—	—	9	17	10	15	22	—
NCHS, 1978-80 ^d	—	—	—	77	—	56	—	—	—	—	18	—	38

a Retirement History Survey, 1969 (ages 58-63 only)
 b Lando Cutler, and Gambler, 1978
 c National Center for Health Statistics 1978-79
 d National Center for Health Statistics, 1978-80 (whites only)
 SOURCE OTA adapted from sources noted above

Table E-40.-Proportion of Older Workers Within Occupations, by Selected Age Group, 1982 (in percent)

	45+	55+	65+
Professional	280/o	11%	20/0
Managerial	39	17	3
Sales	32	17	5
Clerical	27	11	2
Craft,	35	13	2
Operatives	30	12	1
Transportation	29	13	2
Nonfarm laborer	21	9	2
Private household	41	27	11
Service	28	15	4
Farm	56	37	14

SOURCE. Bureau of Labor Statistics, unpublished data.

Table E.41.—Distribution of Older Workers by Occupation, by Sex and Selected Age Groups, 1982 (in Percent)

	Men		Women	
	45-64	65+	45-64	65+
Professional	17%	15%	15%	12%
Managerial	19	18	9	9
Sales	16	10	7	12
Clerical	6	6	33	25
Crafts	21	12	2	1
Operatives	8	5	11	7
Transportation	5	3	<1	<1
Nonfarm laborers	5	6	<1	1
Private household	cl	<1	3	10
Service	8	13	17	21
Farm	3	12	<1	1

SOURCE Bureau of Labor Statistics, unpublished data