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EMPLOYMENT, EARNINGS, AND DISABILITY

(1991/92, 1993/94, 1994/95 and 1997 data from the Survey of Income and Program Participation)

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Introduction

This paper seeks to address four issues: (1) In the context of a household survey, does there now exist an appropriate method for measuring changes in the employment status of individuals with disabilities? (2) based on data from the Survey of Income and Program Participation, what have been the recent changes in the employment rate of individuals with disabilities? (3) what are the relationships between disability, employment, and participation in the major programs that are designed to provide benefits to individuals with disabilities?, and (4) does disability status appear to affect the likelihood that individuals will participate in programs that are not identified as >disability= programs?

The data for this paper come primarily from wave 5 of the 1996 panel of the Survey of Income and Program Participation (SIPP). The wave 5 interviews were conducted during the period August to November in 1997. An extensive set of disability questions were asked both in wave 5 of the 1996 panel and again in wave 11 (collected in August-November 1999) but the wave 11 data are not yet available. Similar sets of disability questions have been asked periodically since wave 3 of the 1991 panel and wave 6 of the 1990 panel (data collected October 1991-January 1992). Disability data were also collected in earlier SIPP panels, but the earlier question sets were somewhat abbreviated compared to the later sets.

Measuring changes in the employment rate of individuals with disabilities: the current state of affairs

An analysis of this issue must be concerned with several critical sub-issues: (1) how is disability defined? (2) which question or questions in a household survey provide a valid and reliable measure of disability status?, and (3) what design features would make it possible for a given household survey to serve as a vehicle for measuring changes in the employment status of individuals with disabilities?

The first critical sub-issue has to do with the definition of disability. The Americans with Disabilities Act of 1990 defines disability as «a physical or mental impairment that substantially limits one or more major life activities» (the definition goes on to include those individuals who have a *record* of such an impairment or who are *regarded* as having such an impairment).

The ADA definition provides a certain foundation for those who seek to devise a disability question or set of questions for a household survey. It would seem evident, for example, that the survey must address possible limitations in major life activities. But it is far from clear how best to do this. An approach that simply adopted the wording of the ADA , that is, an approach that simply asked if the

sample person had a physical or mental impairment that substantially limited any major life activities seems very unlikely to be successful. Many respondents would be uncertain as to what was meant by »a physical or mental impairment« and many would require some clarification of what was meant by »major life activities.«

The disability measurement approach used in the SIPP calls for questions about the ability to perform a number of specified »major life activities.« The activities covered in the SIPP will become apparent as SIPP data are introduced. It can be argued that asking about limitations in a number of individual activities provides the most accurate measure of the aggregate number of individuals with a disability, but it is also true that there is interest in the number and characteristics of individuals with limitations in specific activities.

The second critical sub-issue concerns validity and reliability. The SIPP disability questions have a certain face validity. The data have been examined by a wide range of data users and those users have generally accepted the appropriateness of the disability concepts. But there are questions about the reliability of the SIPP data. The design of SIPP has produced data files that make it possible to examine the consistency of individual responses from one point in time to another. For example, the same set of disability questions that were asked in wave 6 of the 1992 panel and wave 3 of the 1993 panel were asked again one year later in wave 9 of the 1992 panel and wave 6 of the 1993 panel.

Data on the relationship between responses in time 1 and responses in time 2 are shown in Table A1.

Data are shown for certain individual activities as well as for some summary measures. The tables cross-classify time 1 and time 2 responses and show the employment rates for time 1 and time 2 for each of the classification categories. A certain amount of disagreement between time 1 and time 2 responses is to be expected; the status of individuals does change over time, and a year is not a trivial period of time. Nevertheless, the great amount of change between time 1 statuses and time 2 statuses suggests a substantial reliability problem. For example, of the 461,000 (weighted) individuals who were classified as unable to see the words and letters in ordinary newspaper print in time 1, only 117,000 had the same classification in time 2.

The summary measure shown on the last page of Table A1 exhibits a higher level of consistency. Of the 11.4 million with a severe disability in time 1, 8.4 million had a severe disability in time 2.

The data in Table A1 show that at least some SIPP disability estimates are seriously affected by reliability problems. For example, an estimate of the employment rate of individuals with a severe vision impairment is based on a vision impairment question that is not answered consistently over time. When an overall measure of disability status is used, the reliability problem is diminished.

Our final critical sub-issue has to do with the design of the household survey. If a household survey is to measure change, a basic requirement is that the same questions be asked over time. There are also considerations of sample overlap, attrition, and time-in-sample bias. Attrition refers to the increase over time in the number of noninterviewed sample units. Time-in-sample bias refers to the tendency for

respondents to answer questions differently depending on the number of times they have been interviewed over time. In the absence of attrition and time-in-sample bias, it would be efficient to measure change by asking, over time, the same set of questions of the same set of sample persons. Short and McArthur (1987) examined data from the 1984 SIPP panel and found that attrition bias existed for a number of demographic and economic measures. There is also clear evidence of the existence of time-in-sample bias. Studies of the rotation group data from the Current Population Survey have shown that the measured unemployment rates for rotation groups that have been in sample for a period of time tend to be lower than the measured unemployment rates for rotation groups that are new to the sample (Bailar, 1975). In fact, a great merit of the design of the CPS is the fact that the effect of this bias is eliminated by a rotation group scheme that keeps the average time-in-sample constant over time. In contrast, the SIPP has been viewed primarily as a panel or longitudinal survey, and the design of SIPP reflects this purpose and makes the survey liable to the effects of attrition and time-in-sample bias.

The CPS is designed to measure changes in employment status, but there are no questions in that survey that are intended to identify individuals with disabilities. It is true that there are questions each month that identify individuals who are reported to be not in the labor force because they are disabled, and there are questions each March that ask if anyone in the household has a condition that prevents them from working or which limits the kind or amount of work they can do, but these items were not intended to, nor do they, identify the population that would be considered to have a disability under the ADA definition.

When SIPP is viewed as an instrument for measuring changes in the employment rate of individuals with disabilities, certain weaknesses are apparent. First, as described above, there are questions about the reliability of the disability data obtained in SIPP. It is most unlikely that this problem is unique to SIPP, but it is a problem that affects SIPP data. Second, because SIPP was designed to provide panel or longitudinal estimates, SIPP estimates of change are subject to time-in-sample bias. Finally, the 1996 panel introduced significant changes to the questionnaire. The disability topical module that was included in the 1996 panel is very similar to those included in earlier panels, but the changes to the core questionnaire in the way that work disability status was determined raise serious questions about data comparability. These changes will be discussed below. The 1996 panel also marked the introduction of computer-assisted interviewing. Interviews in earlier panels were conducted by marking responses on a printed questionnaire.

Recent changes in the employment rate of individuals with disabilities

Table 1 shows disability and employment rate data for four time periods. Data for the first period, 1991/92, come from wave 6 of the 1990 panel and wave 3 of the 1991 panel. Data for the second period, 1993/94, come from wave 6 of the 1992 panel and wave 3 of the 1993 panel. Data for the third period, 1994/95, come from wave 9 of the 1992 panel and wave 6 of the 1993 panel. And data for the fourth period, 1997, come from wave 5 of the 1996 panel.

Individuals were considered to be employed if they worked at a job or business at any time during the month preceding the interview month.

The data in table 1 are arranged so that the disability measures that are constant for all 4 time periods are shown first. That is, the first section of Table 1 shows the number of individuals with a limitation and their rate of employment for specific physical functions, specific ADLs, specific IADLs, and certain other specific measures.

Because a rather small percentage of the population is identified by many of the individual measures, it is not surprising that the estimates of the number with a given characteristic and, of course, the employment rate of those with a given characteristic, tend to be somewhat volatile. What is surprising, however, is the very noticeable decline in the number of persons identified as having difficulty seeing or hearing. In 1993/94, 5.2 million persons (in the 21 to 64 age group) were classified as having difficulty seeing, and 5.7 million were classified as having difficulty hearing. In 1997, the number with difficulty seeing was 3.5 million and the number with difficulty hearing was 3.4 million. The decline took place in two stages; from 1993/94 to 1994/95 and from 1994/95 to 1997. There is no obvious explanation in terms of the way the questions were asked. Although there was what appears to be a very slight change in the seeing and hearing questions for the 1996 panel, the questions asked in earlier panels were identical.

The first summary disability measure is based on individual items other than work disability or program

participation and is labeled 'Definition 1'. The overall employment rate for individuals 21 to 64 was higher in 1997 than in 1994/95, but Definition 1 shows that the employment rate of individuals with a disability of any severity was lower in 1997 than in 1994/95. The employment rate of those with any disability was 50.4 in 1994/95 and 48.1 in 1997. For individuals with a severe disability, the employment rate was 34.1 in 1994/95 and 29.4 in 1997. For those with a nonsevere disability, the rates were 61.6 in 1994/95 and 63.9 in 1997.

The next estimates in Table 1 show the number of persons with a work disability and the number participating in two major programs. It has been the convention in SIPP disability reports to classify individuals who are under 65 years old and who are covered by Medicare or who are receiving Supplemental Security Income (SSI) payments as having a severe disability. For individuals under 65 years, benefits from these programs are available only if the individual has a disability that prevents gainful employment.

When compared to earlier estimates, the 1997 data on the number of individuals with a condition that limits the kind or amount of work that can be done are remarkable. In 1994/95, 20.3 million individuals had a work disability; 8.6 million were unable to work and 11.7 million were able to work. In 1997, the number with a work disability was 16.1 million; the number unable to work was 9.4 million, and the number able to work was 6.7 million. The method of asking the traditional 'work disability' question changed greatly in the 1996 panel, but the huge difference in results could not have been anticipated. In earlier panels, a core question about limitations in the kind or amount of work that could be done was

asked for all working-age individuals at the beginning of the panel. There were no further core questions about the existence of a work disability. At the time of the disability topical module, a verification question was asked for those who had been identified in the beginning of the panel as having a work disability. The work disability question itself was asked for those who had not been identified in the beginning of the panel as having a work disability. In the 1996 panel, a question about limitations in the kind or amount of work that can be done is asked each wave unless the individual has already been identified who is not in the labor force because of long-term illness or disability. There is some evidence that a time-in-sample effect exists - tabulations have shown that the number of individuals classified as having a work disability fell sharply from wave 1 to wave 2. But any time-in-sample effects would appear to explain only a small portion of the total decline.

Definition 2 brings information on work disability and program participation into the disability definition. The new definition leads to the same conclusion about recent changes in employment rates by disability status; the 1997 employment rate for individuals with a disability was lower than the 1994/95 rate. For those with a severe disability, the 1997 rate was lower; for those with a nonsevere disability, the 1997 rate was higher. Under Definition 2, the employment rate for individuals with a nonsevere disability was at least as high as the overall employment rate for each of the four time periods.

Definition 3 is based on a disability definition that includes the activity of taking prescription medicines in the right amount at the right time. The prescription medicine item was first asked during the 1994/95 time period.

Definition 4 incorporates the prescription medicine item as well as three measures that were not asked prior to the 1996 panel. The new items concern the use of hands and fingers to grasp objects, whether mental symptoms have seriously interfered with everyday activities, and an item which asked if individuals had a condition that made it difficult to remain employed or to find a job. This last item was included because disability advocates have long argued that the traditional work disability question - are you limited in the kind or amount of work you can do - lacks face validity. To answer the traditional question, an individual must declare that he or she is either limited or not limited, regardless of any consideration of the environment that he or she faces. The reality is that many individuals would be limited under some environmental conditions, but not limited under others. The new work disability question has the merit of allowing an individual to report that a condition has caused employment problems without reporting that, regardless of environmental considerations, he or she is limited.

When Definition 4 is used as the measure of disability status, the employment rate of individuals with disabilities was 50.2; the rate for those with a severe disability was 31.1, and the rate for those with a nonsevere disability was 82.0.

Definitions 5 and 6 are included to show how wide a definition of disability is possible using data from items that were introduced in the 1996 panel. Definition 5 is based on a disability definition that considers an individual to have a disability if he or she has difficulty moving a large chair, standing for one hour, sitting for one hour, stooping, or reaching. Definition 6 considers an individual to have a

disability if he or she is frequently depressed or anxious or has a lot of trouble getting along with others, concentrating on tasks, or coping with stress.

The final section of Table 1 presents data on disability status cross-tabulated by a measure of availability for employment. The measure shown in the table considers individuals to have a reduced availability for employment if they participated in a major program (Medicare, SSI, and Social Security), or if they had been identified as having a disability that prevented them from working. The data show that the number of individuals who had a disability and a reduced availability for employment was 10.2 million in 1994/95, and 11.7 million in 1997. The employment rate for members of this group was 6.8 percent in 1994/95 and 9.8 percent in 1997. The number of individuals with a disability and without a reduced availability for employment was 19.2 million in 1994/95, and 14.8 million in 1997. The very large drop in this figure reflects the very large reduction in the estimate of the number of individuals with a work disability which did not prevent them from working. The employment rate of individuals with a work disability and without a reduced availability for employment was 76.6 percent in 1994/95, and 80.2 percent in 1997. For those in this category with a severe disability, the employment rates were about the same for the two time periods - 75.5 percent in 1994/95, and 75.1 percent in 1997. For those with a nonsevere disability, the 1994/95 rate was 77.0 percent, and the 1997 rate was 81.8 percent.

Disability, employment, and participation in major programs

Table 2 offers additional data on the employment status of individuals with disabilities. The disability

definition used for Table 2 is the definition that is labeled Definition 4 in Table 1. Of the 17.3 million individuals with a severe disability, 6.9 million were covered by Medicare or received SSI payments. Of the remaining 10.4 million, 1.2 million received Social Security payments but were not covered by Medicare. So the number of individuals with a severe disability who participated in a major program was 8.1 million, and the number who did not participate was 9.2 million. The employment rate for the 9.2 million who did not participate in a major program was 47.3 percent. The 9.2 million can be further divided into those who were classified as prevented from working (3.3 million) and those who were not (5.9 million). The employment rate for the 5.9 million who were not classified as prevented from working was 73.5 percent.

The above paragraph suggests that substantially increasing the employment rate of the 17.3 million individuals with a severe disability might prove to be a challenging task. The 8.1 million individuals who are currently covered by Medicare or who are receiving SSI or Social Security payments would presumably need transition assistance if they were to leave these programs. And the 3.3 million persons who are classified as prevented from working but who are not receiving benefits from the above programs may have to be convinced that changes could be made to the environment that would make it possible for them to work.

Disability and welfare

Table 3 contains annualized estimates of earnings and the value of selected welfare benefits for the

population 21 to 64 years of age and shows the large impact disability status has on both earnings and welfare. Overall, individuals 21 to 64 years of age had \$3.6 trillion dollars in earnings and received \$14.6 billion in Temporary Assistance for Needy Families (TANF) payments, \$17.6 billion in SSI payments, \$13.3 billion in food stamps, and \$50.7 billion in Medicaid benefits. Individuals with a severe disability received 2.9 percent of aggregate earnings, 34.2 percent of TANF benefits, 100 percent of SSI benefits, 33.1 percent of food stamps, and 66.9 percent of Medicaid benefits.

Table 4 shows that the total value of the four types of welfare was \$96.2 billion. Of the total, \$61.0 billion went to individuals with a severe disability. Only for the youngest age group did the amount of welfare received by those with a severe disability make up less than half the total. Individuals 21 to 34 received \$37.7 billion in welfare benefits and \$15.9 billion of this amount went to those with a severe disability. Individuals 35 to 44 received \$27.7 billion in welfare benefits, \$17.3 billion of which went to those with a severe disability. For the population 45 to 64, welfare benefits totaled \$30.8 billion and benefits to those with a severe disability totaled \$27.8 billion.

It can be argued that the data in Table 4 should not be surprising since, for the universe being examined here (age 21 to 64 years old), SSI is a program specifically for individuals with a severe disability.

Table 5 shows data similar to Table 4 but the definition of welfare has been changed to exclude SSI benefits and the value of Medicaid benefits received by SSI recipients. The data in Table 5 show a reduced impact of disability status, but the role of disability is still substantial. Of the \$51.2 billion received as benefits, \$15.9 billion went to individuals with a severe disability. If attention is focused on

the group that usually receives a good deal of attention, unmarried women with children, Table 5 shows that there were 10.0 million individuals in this category, and 3.6 million received welfare benefits worth \$27.2 billion (keep in mind that these are selected benefits). The table also shows that 1.4 million of the 10.0 million women in this category had a severe disability. Of the 1.4 million, 860,000 received welfare benefits worth \$6.4 billion.

Finally, Table 6 presents the results of a logistic regression in which the receipt of TANF benefits is the dependent variable. The universe for the regression is unmarried women with children under 18 years of age.

The first set of variables is comprised of three age categories. The middle age category is the reference group, and the coefficient is positive for the younger age category and negative for the older. That is, there is an inverse relation between age and the likelihood of receiving TANF.

Education categories make up the second set of variables. The reference group is high school graduates and the coefficients of the other groups show that there is an inverse relationship between educational attainment and the receipt of TANF.

The third set of variables are race and ethnicity categories. The reference group is comprised of white, not Hispanic origin individuals. The coefficients for those who are Hispanic origin or who are Black, not Hispanic origin are positive, and the coefficient for those who not of Hispanic origin and who are neither

white nor Black is not significant.

Categories of number of children make up the fourth set of variables. The coefficients show that the number of children is directly related to the receipt of TANF.

The fifth set of variables show that women who were never married were more likely to receive TANF benefits than women who had been married previously.

The sixth and final set of variables are disability categories. Women with no disability are in the reference group. The coefficient for women with a nonsevere disability is positive and the coefficient for women with a severe disability is also positive and even greater.

Conclusions

1) The SIPP is the only household survey that obtains regular information on employment status and periodically collects information on disability status in a way that is roughly consistent with the ADA definition of disability. There are, however, problems in using SIPP to measure changes in the employment rate of individuals with disabilities. These problems have to do with (i) an apparent lack of reliability for many individual measures of disability status, (ii) the fact that the SIPP was designed as a panel or longitudinal survey and is subject to attrition and time-in-sample bias, and (iii) the fact that changes in the 1996 panel to core questions on work disability status have produced work disability

estimates that are clearly not comparable to estimates from earlier panels. We note here that the sample design of SIPP has changed over time and is likely to change again. Weinberg (1999) has noted that if SIPP is to become the official source of income and poverty statistics, SIPP will have to be redesigned to minimize the effect of attrition and time-in-sample biases on time-series estimates.

2) If the problems noted above are set aside, the SIPP data from wave 5 of the 1996 panel suggest that the employment rate of individuals with a disability declined from 1994/95 to 1997.

Definition 1 (see Table 1) is the disability definition that is based on measures that are most comparable over time. Under that definition, the employment rate for individuals with a disability was 50.4 percent in 1994/95, and 48.1 percent in 1997. For those with a severe disability, the comparable rates were 34.1 percent and 29.4 percent. Among those with a nonsevere disability, the 1997 rate (63.9 percent) was higher than the 1994/95 rate (61.6 percent). Definition 2 adds the criteria of work disability and program participation to Definition 1. The 1994/95 to 1997 changes in employment rates have the same pattern under both definitions. The pattern changes when a measure of availability for employment is introduced. The data show that the employment rate of individuals with a disability who did not have a reduced availability for employment was 76.6 percent in 1994/95, and 80.2 percent in 1997.

Individuals who did not have a reduced availability for employment and who had a severe disability category had an employment rate of 75.5 percent in 1994/95, and 75.1 percent in 1997; and those with a nonsevere disability had an employment rate of 77.0 in 1994/95, and 81.8 percent in 1997.

3) The major conclusion of this paper regarding the measurement over time of the employment status of

individuals with disabilities is that there is currently no satisfactory vehicle for producing such a measure.

In fact, a Presidential Order dated March 13, 1998, established a National Task Force on Employment of Adults with Disabilities, and instructed the Bureau of Labor Statistics and the Census Bureau, in cooperation with other selected Federal agencies, to design and implement a statistically reliable and accurate method to measure the employment rate of adults with disabilities.

4) Although SIPP may not be an adequate vehicle for measuring changes over time in the employment rate of individuals with disabilities, SIPP data on individuals with disabilities may be very useful for cross-sectional studies. A major conclusion from the data presented in this paper is that the relationship between disability and welfare should not be ignored. Of course, the relationship between disability and the receipt of SSI and Medicaid benefits is obvious, but the data suggest that disability plays an important role in determining whether individuals become TANF recipients.

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TABLE 1. DATA ON DISABILITY AND EMPLOYMENT: 1991/92, 1993/94, 1994/95, AND 1997
(From the Survey of Income and Program Participation)

	1991/92		1993/94		1994/95		1997	
	Number (thous.)	Percent emplyd	Number (thous.)	Percent emplyd	Number (thous.)	Percent emplyd	Number (thous.)	Percent emplyd
Difficulty w 1+ ADLs	3,313	25.3	3,820	26.8	3,640	27.1	4,008	26.2
Needs personal asst.	1,455	18.1	1,729	21.7	1,515	20.6	1,664	16.8
Asst. not needed	1,859	30.9	2,091	31.1	2,125	31.8	2,344	32.9
Get around inside	1,245	13.9	1,479	19.1	1,290	19.8	1,459	15.2
Needs personal asst.	555	10.3	638	16.8	553	19.1	662	9.3
Asst. not needed	691	16.8	841	20.8	738	20.2	796	20.1
Get out of bed/chair	2,313	25.1	2,700	28.1	2,472	26.7	3,020	26.3
Needs personal asst.	841	17.9	967	21.6	820	21.4	1,078	17.0
Asst. not needed	1,472	29.3	1,733	31.7	1,653	29.3	1,942	31.4
Take a bath/shower	1,527	16.4	1,819	19.3	1,628	19.9	2,053	19.7
Needs personal asst.	856	12.8	973	15.5	828	18.3	1,015	13.4
Asst. not needed	670	21.1	846	23.7	800	21.5	1,038	25.8
Dressing	1,269	18.4	1,416	19.1	1,378	22.2	1,601	19.3
Needs personal asst.	739	16.1	833	18.0	738	19.7	899	16.1
Asst. not needed	530	21.5	583	20.8	640	25.1	702	23.3
Eating	405	21.7	503	25.1	450	27.4	619	21.1
Needs personal asst.	138	15.8	174	15.4	162	21.0	250	8.6
Asst. not needed	266	24.7	329	30.2	288	31.0	368	29.5
Toileting	686	17.7	838	16.0	720	21.4	864	13.1
Needs personal asst.	363	13.3	455	13.8	356	17.3	500	9.2
Asst. not needed	324	22.7	384	18.5	364	25.3	365	18.5

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(From the Survey of Income and Program Participation)

	1991/92		1993/94		1994/95		1997	
	Number (thous.)	Percent employd	Number (thous.)	Percent employd	Number (thous.)	Percent employd	Number (thous.)	Percent employd
Difficulty w 1+ IADLs	4,811	22.9	5,375	25.4	5,272	26.0	5,620	24.0
Needs personal asst.	3,385	19.4	3,660	21.3	3,691	23.4	4,113	19.9
Asst. not needed	1,426	31.2	1,715	34.1	1,581	32.1	1,508	35.4
Go outside the home	2,745	15.1	3,174	17.3	3,085	19.4	3,413	15.9
Needs personal asst.	1,888	13.0	2,108	14.2	2,060	17.9	2,374	13.1
Asst. not needed	857	19.7	1,066	23.5	1,025	22.5	1,040	22.3
Keep track of money	1,464	19.5	1,633	24.2	1,591	25.9	2,052	20.6
Needs personal asst.	1,263	17.4	1,399	22.5	1,421	24.9	1,642	20.8
Asst. not needed	201	32.5	233	34.4	170	34.0	410	20.0
Prepare meals	1,576	14.5	1,820	19.5	1,604	20.5	2,399	14.6
Needs personal asst.	1,237	14.3	1,428	19.4	1,337	20.5	1,102	10.8
Asst. not needed	338	15.2	392	19.8	268	20.7	1,296	17.8
Do light housework	2,452	17.3	3,004	20.8	2,949	23.9	2,797	19.0
Needs personal asst.	1,686	15.4	2,021	20.1	1,900	20.0	1,936	15.6
Asst. not needed	766	21.5	982	22.2	1,049	30.9	861	26.6
Use the telephone	1,041	28.6	1,104	27.7	821	22.4	988	35.6
Not able	334	27.1	359	18.6	293	18.9	371	29.7
Able	707	29.3	746	32.1	528	24.4	617	39.2
Dif. w ADLs or IADLs	5,850	26.8	6,433	29.1	6,359	29.0	6,754	27.9
Needs personal asst.	3,704	21.2	4,021	23.1	3,974	24.0	4,379	20.7
Asst. Not needed	2,146	36.4	2,412	39.1	2,385	37.3	2,375	41.2

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(From the Survey of Income and Program Participation)

	1991/92		1993/94		1994/95		1997	
	Number (thous.)	Percent emplyd	Number (thous.)	Percent emplyd	Number (thous.)	Percent emplyd	Number (thous.)	Percent emplyd
With 1+ sel. conditions	4,484	42.8	5,173	42.5	5,521	42.8	6,403	38.8
Learning disability	1,941	57.2	1,885	55.9	1,811	54.5	2,760	52.0
Mental retardation	860	30.8	932	34.4	890	34.5	1,223	29.3
Alzheimer's, sen/dem	104	31.6	152	21.0	137	33.9	642	23.5
Other mental cond.	2,524	29.8	3,097	34.0	3,563	35.8	3,569	29.3
With a develop. disab.	1,060	31.8	1,149	33.6	1,104	35.3	1,501	30.7
With a housework dis.	9,312	32.2	10,080	33.2	10,536	34.7	9,571	27.9
Unable to do houswk	1,193	13.8	1,472	18.5	1,316	14.7	1,965	12.4
Able to do houswk	8,120	34.9	8,608	35.7	9,219	37.5	7,606	31.9
With a disability based on above criteria (Definition 1)	22,628	50.2	24,363	51.3	23,606	50.4	22,321	48.1
Severe	8,798	30.7	9,857	32.8	9,580	34.1	10,220	29.4
Not severe	13,830	62.7	14,506	63.9	14,026	61.6	12,101	63.9
Limited in kind or amount of work	17,143	42.6	18,293	40.3	20,312	43.3	16,081	34.1
Unable to work	7,327	-	8,419	-	8,621	-	9,371	-
Able to work	9,816	74.3	9,874	74.6	11,691	75.3	6,710	81.8
Had Medicare or SSI	4,437	9.4	5,381	10.4	5,728	12.1	6,677	12.4
Covered by Medicare	2,397	5.7	2,718	7.1	2,819	7.5	3,923	11.1
Received SSI	2,503	12.2	3,162	13.0	3,497	15.8	3,627	12.9

TABLE 1. DATA ON DISABILITY AND EMPLOYMENT: 1991/92, 1993/94, 1994/95, AND 1997
(From the Survey of Income and Program Participation)

	1991/92		1993/94		1994/95		1997	
	Number (thous.)	Percent emplyd	Number (thous.)	Percent emplyd	Number (thous.)	Percent emplyd	Number (thous.)	Percent emplyd
With a disability based on all previous criteria (Definition 2)	27,482	52.1	28,885	52.5	29,443	52.4	26,510	49.1
Severe	12,580	23.6	13,927	25.4	14,220	26.0	14,675	24.2
Not severe	14,902	76.1	14,958	77.7	15,222	77.0	11,835	79.8
Difficulty taking prescribed medicines	na	na	na	na	1,171	27.5	1,635	21.7
Needs personal asst.	na	na	na	na	929	24.9	1,201	19.7
Asst. not needed	na	na	na	na	242	37.6	434	27.2
With a disability based on all previous criteria (Definition 3)	na	na	na	na	29,498	52.4	26,516	49.1
Severe	na	na	na	na	14,262	26.2	14,684	24.3
Not severe	na	na	na	na	15,236	77.0	11,832	79.8
Dif. using hnds/fingers	na	na	na	na	na	na	3,628	38.7
Severe	na	na	na	na	na	na	265	32.8
Not severe	na	na	na	na	na	na	3,362	39.2
With mental problems that seriously interfere with everyday activities	na	na	na	na	na	na	4,706	29.8
With condition that has made it dif. to remain emp. or find a job	na	na	na	na	na	na	10,680	20.9

TABLE 1. DATA ON DISABILITY AND EMPLOYMENT: 1991/92, 1993/94, 1994/95, AND 1997
(From the Survey of Income and Program Participation)

	1991/92		1993/94		1994/95		1997	
	Number (thous.)	Percent emplyd	Number (thous.)	Percent emplyd	Number (thous.)	Percent emplyd	Number (thous.)	Percent emplyd
With disability based on all previous criteria (Definition 4)	na	na	na	na	na	na	27,721	50.2
Severe	na	na	na	na	na	na	17,318	31.1
Not severe	na	na	na	na	na	na	10,403	82.0
Dif. moving large chair	na	na	na	na	na	na	11,253	39.3
Severe	na	na	na	na	na	na	5,894	27.8
Not severe	na	na	na	na	na	na	5,359	52.0
Dif. standing	na	na	na	na	na	na	10,295	37.2
Dif. sitting	na	na	na	na	na	na	5,416	37.4
Dif. stooping	na	na	na	na	na	na	12,352	44.6
Dif. reaching	na	na	na	na	na	na	5,517	36.0
Disability based on all previous criteria (Definition 5)	na	na	na	na	na	na	31,243	53.3
Severe	na	na	na	na	na	na	18,215	33.2
Not severe	na	na	na	na	na	na	13,028	81.5
Frequently depressed	na	na	na	na	na	na	10,018	46.3
Trouble getting along	na	na	na	na	na	na	2,183	35.4
Trouble concentrating	na	na	na	na	na	na	3,814	31.1
Trouble coping	na	na	na	na	na	na	6,122	39.1

TABLE 1. DATA ON DISABILITY AND EMPLOYMENT: 1991/92, 1993/94, 1994/95, AND 1997
(From the Survey of Income and Program Participation)

	1991/92		1993/94		1994/95		1997	
	Number (thous.)	Percent emplyd	Number (thous.)	Percent emplyd	Number (thous.)	Percent emplyd	Number (thous.)	Percent emplyd
Disability based on all previous criteria (Definition 6)	na	na	na	na	na	na	34,250	55.7
Severe	na	na	na	na	na	na	18,215	33.2
Not severe	na	na	na	na	na	na	16,035	81.2
Disability status (Definition 2) by availability for employment								
With a disability and participated in a major program (Medicare, SSI, or Social Security) or was prevented from working	10,175	8.3	10,986	9.1	10,234	6.8	11,726	9.8
With a disability, did not participate in a major program and was not prevented from working	17,307	77.8	17,899	79.1	19,209	76.6	14,785	80.2
Severe disability	3,292	74.0	3,792	75.4	3,986	75.5	3,511	75.1
Not severe disability	14,015	78.7	14,107	80.1	15,222	77.0	11,274	81.8
No disability	116,593	80.5	119,359	80.6	119,927	82.1	126,376	84.4

TABLE 2. DISABILITY STATUS, EMPLOYMENT, AND ANNUAL RATE OF EARNINGS: INDIVIDUALS 21 TO 64 YEARS OLD

(August-November 1997 data from the Survey of Income and Program Participation. Numbers in thousands.)

Note: Items marked with an (x) are not part of the disability definition.

	Total	Employed		Median earnings		Mean earnings	
		Number	Percent	Value	Std. err.	Value	Std. err.
Both sexes	152,886	119,616	78.2	\$22,941	\$151	\$30,155	\$358
DISABILITY STATUS							
With a disability	27,721	13,922	50.2	\$17,667	\$425	\$23,402	\$735
Severe	17,318	5,393	31.1	\$13,234	\$653	\$18,582	\$806
Covered by Medicare, or received SSI	6,920	909	13.1	\$4,944	\$671	\$8,836	\$849
Covered by Medicare	4,330	536	12.4	\$4,493	\$716	\$8,215	\$1,033
Received SSI	3,627	466	12.9	\$4,737	\$1,037	\$8,808	\$1,215
Not covered by Medicare and did not receive SSI	10,399	4,484	43.1	\$15,521	\$677	\$20,559	\$939
Received Social Security	1,186	124	10.5	\$4,982	\$1,828	\$7,713	\$1,747
Prevented from working	865	0	0.0	.	.	.	.
Not prevented from working	321	124	38.7	\$4,982	\$1,828	\$7,713	\$1,747
Did not receive Social Security	9,213	4,359	47.3	\$15,928	\$670	\$20,925	\$961
Prevented from working	3,279	0	0.0	.	.	.	.
Not prevented from working	5,934	4,359	73.5	\$15,928	\$670	\$20,925	\$961
Not severe	10,403	8,529	82.0	\$20,469	\$508	\$26,449	\$1,078
Received Social Security	499	197	39.6	\$7,009	\$975	\$9,015	\$1,466
Did not receive Social Security	9,905	8,332	84.1	\$20,823	\$515	\$26,862	\$1,101
No disability	125,165	105,694	84.4	\$23,645	\$157	\$31,045	\$393
Received Social Security	2,019	718	35.6	\$7,726	\$723	\$10,955	\$1,462
Did not receive Social Security	123,145	104,975	85.2	\$23,766	\$157	\$31,182	\$396
SEEING/HEARING/SPEAKING							
With a disability	7,211	3,717	51.5	\$20,631	\$791	\$25,727	\$1,341
Severe	1,204	393	32.6	\$17,326	\$1,429	\$23,497	\$3,124
Not severe	6,007	3,324	55.3	\$21,160	\$843	\$25,991	\$1,453
Difficulty seeing letters in newspaper	3,484	1,470	42.2	\$16,835	\$981	\$21,553	\$1,233
Severe	487	149	30.6	\$16,058	\$1,351	\$19,326	\$4,079
Not severe	2,997	1,321	44.1	\$17,080	\$1,267	\$21,804	\$1,292
Difficulty hearing normal conversation	3,416	2,133	62.4	\$23,346	\$1,012	\$28,983	\$2,137
Severe	227	110	48.5	\$20,037	\$3,525	\$26,869	\$4,422
Not severe	3,189	2,023	63.4	\$23,561	\$993	\$29,098	\$2,241
Difficulty having speech understood	1,276	471	36.9	\$14,957	\$1,548	\$17,957	\$1,686
Severe	252	61	24.1	\$3,084	\$7,294	\$10,712	\$3,837
Not severe	1,025	411	40.1	\$15,473	\$1,576	\$19,027	\$1,818
WALKING/USING STAIRS							
With a disability	11,988	4,528	37.8	\$17,078	\$730	\$22,039	\$1,282
Severe	5,997	1,536	25.6	\$15,889	\$1,308	\$20,142	\$1,173
Not severe	5,991	2,992	49.9	\$17,708	\$949	\$23,013	\$1,842
Difficulty walking	9,129	3,095	33.9	\$16,445	\$804	\$21,028	\$1,521
Severe	3,907	878	22.5	\$14,783	\$1,800	\$18,289	\$1,415
Not severe	5,222	2,217	42.4	\$17,175	\$1,031	\$22,113	\$2,045
Difficulty climbing stairs	9,420	3,292	34.9	\$16,204	\$805	\$20,917	\$1,164
Severe	2,325	447	19.2	\$11,656	\$2,487	\$18,109	\$2,211
Not severe	7,095	2,845	40.1	\$16,664	\$822	\$21,358	\$1,300
Used a wheelchair	874	191	21.9	\$21,557	\$6,174	\$28,793	\$4,598
Did not use a wheelchair, but used a cane, crutches or a walker	2,173	539	24.8	\$17,358	\$2,477	\$21,119	\$1,968

TABLE 2. DISABILITY STATUS, EMPLOYMENT, AND ANNUAL RATE OF EARNINGS: INDIVIDUALS 21 TO 64 YEARS OLD

(August-November 1997 data from the Survey of Income and Program Participation. Numbers in thousands.)

Note: Items marked with an (x) are not part of the disability definition.

	Total	Employed		Median earnings		Mean earnings	
		Number	Percent	Value	Std. err.	Value	Std. err.
SELECTED PHYSICAL TASKS							
With a disability	8,964	3,092	34.5	\$16,301	\$893	\$20,634	\$843
Severe	3,422	709	20.7	\$13,811	\$1,854	\$20,048	\$2,007
Not severe	5,542	2,383	43.0	\$16,935	\$939	\$20,809	\$917
Difficulty lifting and carrying 10 pounds	7,232	2,167	30.0	\$15,861	\$1,171	\$20,249	\$997
Severe	3,297	662	20.1	\$13,440	\$1,946	\$19,030	\$1,703
Not severe	3,935	1,505	38.2	\$16,764	\$1,212	\$20,785	\$1,222
Difficulty grasping objects	3,628	1,403	38.7	\$16,268	\$1,467	\$20,723	\$1,226
Severe	265	87	32.8	\$17,226	\$7,762	\$31,985	\$10,579
Not severe	3,362	1,317	39.2	\$16,189	\$1,509	\$19,979	\$1,088
Difficulty moving a large chair (x)	11,253	4,427	39.3	\$17,914	\$737	\$22,565	\$1,017
Severe	5,894	1,640	27.8	\$15,610	\$1,137	\$20,944	\$1,381
Not severe	5,359	2,787	52.0	\$19,223	\$846	\$23,519	\$1,394
Difficulty standing for long periods (x)	10,295	3,831	37.2	\$18,346	\$826	\$23,424	\$1,343
Difficulty sitting for long periods (x)	5,416	2,027	37.4	\$18,214	\$1,215	\$21,358	\$1,077
Difficulty crouching (x)	12,352	5,505	44.6	\$18,483	\$668	\$22,996	\$859
Difficulty reaching overhead (x)	5,517	1,986	36.0	\$15,059	\$1,288	\$20,077	\$1,139
ACTIVITIES OF DAILY LIVING							
With an ADL limitation	4,008	1,052	26.2	\$14,935	\$1,974	\$21,527	\$1,734
Needed personal assistance	1,664	280	16.8	\$8,731	\$3,340	\$16,985	\$3,040
Did not need personal assistance	2,344	772	32.9	\$17,330	\$2,136	\$23,175	\$2,073
Difficulty getting around inside	1,459	222	15.2	\$10,857	\$3,218	\$17,437	\$3,206
Needed personal assistance	662	62	9.3	\$2,474	\$1,466	\$8,122	\$3,066
Did not need personal assistance	796	160	20.1	\$13,552	\$3,686	\$21,022	\$4,091
Difficulty getting in or out of bed or a chair	3,020	793	26.3	\$14,493	\$2,201	\$21,366	\$2,059
Needed personal assistance	1,078	183	17.0	\$9,965	\$5,263	\$17,892	\$3,604
Did not need personal assistance	1,942	611	31.4	\$15,593	\$2,332	\$22,406	\$2,439
Difficulty taking a bath or shower	2,053	404	19.7	\$11,530	\$3,401	\$20,737	\$2,653
Needed personal assistance	1,015	136	13.4	\$9,991	\$7,664	\$19,661	\$5,135
Did not need personal assistance	1,038	268	25.8	\$12,376	\$4,192	\$21,282	\$3,033
Difficulty dressing	1,601	309	19.3	\$14,145	\$4,066	\$23,539	\$3,715
Needed personal assistance	899	145	16.1	\$10,062	\$4,733	\$18,009	\$4,107
Did not need personal assistance	702	164	23.3	\$17,992	\$4,257	\$28,436	\$5,842
Difficulty eating	619	130	21.1	\$14,934	\$8,331	\$23,640	\$4,750
Needed personal assistance	250	22	8.6	\$31,865	\$16,794	\$28,855	\$11,432
Did not need personal assistance	368	109	29.5	\$12,286	\$7,832	\$22,600	\$5,190
Difficulty getting to/using the toilet	864	114	13.1	\$11,559	\$5,607	\$18,228	\$4,308
Needed personal assistance	500	46	9.2	\$8,218	\$13,888	\$18,433	\$6,967
Did not need personal assistance	365	67	18.5	\$12,080	\$5,039	\$18,087	\$5,469

TABLE 2. DISABILITY STATUS, EMPLOYMENT, AND ANNUAL RATE OF EARNINGS: INDIVIDUALS 21 TO 64 YEARS OLD

(August-November 1997 data from the Survey of Income and Program Participation. Numbers in thousands.)

Note: Items marked with an (x) are not part of the disability definition.

	Total	Employed		Median earnings		Mean earnings	
		Number	Percent	Value	Std. err.	Value	Std. err.
INSTRUMENTAL ACTIVITIES OF DAILY LIVING							
With an IADL limitation	5,798	1,428	24.6	\$11,906	\$1,383	\$18,515	\$1,354
Needed personal assistance	4,211	852	20.2	\$10,055	\$1,444	\$16,516	\$1,793
Did not need personal assistance	1,587	576	36.3	\$16,433	\$2,046	\$21,467	\$2,024
Difficulty going outside the home alone	3,413	543	15.9	\$9,054	\$1,778	\$15,639	\$1,929
Needed personal assistance	2,374	310	13.1	\$4,964	\$2,433	\$13,741	\$2,705
Did not need personal assistance	1,040	232	22.3	\$14,608	\$3,437	\$18,176	\$2,642
Difficulty keeping track of money/bills	2,052	423	20.6	\$5,548	\$1,339	\$11,188	\$1,737
Needed personal assistance	1,642	341	20.8	\$4,506	\$912	\$9,395	\$1,791
Did not need personal assistance	410	82	20.0	\$11,999	\$4,841	\$18,636	\$4,497
Difficulty preparing meals	2,399	350	14.6	\$9,119	\$2,888	\$15,976	\$2,454
Needed personal assistance	1,102	119	10.8	\$4,211	\$4,858	\$13,432	\$3,472
Did not need personal assistance	1,296	230	17.8	\$10,335	\$2,590	\$17,292	\$3,244
Difficulty doing light housework	2,797	531	19.0	\$12,159	\$2,635	\$19,589	\$2,350
Needed personal assistance	1,936	302	15.6	\$12,993	\$3,562	\$20,620	\$3,333
Did not need personal assistance	861	229	26.6	\$11,339	\$3,513	\$18,231	\$3,210
Difficulty taking prescription medicines	1,635	354	21.7	\$7,016	\$1,857	\$12,231	\$1,976
Needed personal assistance	1,201	236	19.7	\$5,002	\$2,182	\$11,939	\$2,655
Did not need personal assistance	434	118	27.2	\$10,020	\$2,743	\$12,814	\$2,631
Difficulty using the telephone	988	352	35.6	\$18,547	\$2,776	\$24,979	\$3,421
Unable to use ordinary phone	371	110	29.7	\$16,018	\$8,951	\$23,631	\$7,813
Able to use ordinary phone	617	242	39.2	\$19,758	\$3,242	\$25,593	\$3,481
MENTAL							
With a disability	8,950	3,309	37.0	\$13,537	\$709	\$20,409	\$1,662
With one or more selected conditions	5,350	2,200	41.1	\$13,291	\$781	\$21,176	\$2,407
A learning disability	2,460	1,352	55.0	\$16,054	\$1,372	\$25,701	\$3,821
Mental retardation	1,064	334	31.4	\$5,581	\$1,706	\$8,253	\$1,120
Alzheimer's, senility, or dementia	618	141	22.8	\$11,610	\$3,545	\$12,932	\$2,341
Other mental/emotional condition	2,592	759	29.3	\$10,673	\$1,587	\$15,507	\$1,303
With one or more selected symptoms	12,387	5,890	47.5	\$16,357	\$617	\$21,770	\$955
Frequently depressed or anxious	10,018	4,634	46.3	\$15,925	\$709	\$21,671	\$1,107
Trouble getting along with others	2,183	774	35.4	\$12,930	\$1,520	\$17,101	\$1,307
Trouble concentrating	3,814	1,186	31.1	\$11,499	\$1,368	\$17,140	\$1,745
Trouble coping with stress	6,122	2,395	39.1	\$15,254	\$951	\$19,823	\$1,503
Effect on everyday activities:							
Seriously interfered	4,706	1,404	29.8	\$12,592	\$1,183	\$18,091	\$1,211
Did not seriously interfere (x)	7,681	4,486	58.4	\$17,401	\$685	\$22,921	\$1,193
Difficulty keeping track of money/bills	2,052	423	20.6	\$5,548	\$1,339	\$11,188	\$1,737
WORKING AT A JOB							
Has experienced employment							
problems related to disability	17,475	6,079	34.8	\$13,799	\$605	\$19,083	\$849
Has had difficulty remaining employed or							
finding a job	10,680	2,228	20.9	\$7,824	\$758	\$13,751	\$898
Limited in kind or amount of work that							
can be done	16,081	5,487	34.1	\$13,889	\$599	\$19,216	\$920
Prevented from working at a job	9,371	0	0.0	.	.	.	.
Not prevented from working at a job	6,710	5,487	81.8	\$13,889	\$599	\$19,216	\$920

TABLE 2. DISABILITY STATUS, EMPLOYMENT, AND ANNUAL RATE OF EARNINGS: INDIVIDUALS 21 TO 64 YEARS OLD

(August-November 1997 data from the Survey of Income and Program Participation. Numbers in thousands.)

Note: Items marked with an (x) are not part of the disability definition.

	Total	Employed		Median earnings		Mean earnings	
		Number	Percent	Value	Std. err.	Value	Std. err.
WORKING AROUND THE HOUSE							
Limited in kind or amount of housework							
that can be done	9,571	2,669	27.9	\$14,117	\$1,098	\$19,336	\$1,003
Prevented from doing housework	1,965	244	12.4	\$10,184	\$4,017	\$14,650	\$2,464
Not prevented from doing housework	7,606	2,425	31.9	\$14,644	\$1,204	\$19,807	\$1,073
PROGRAM PARTICIPATION							
Covered by Medicare or							
received SSI	6,920	909	13.1	\$4,944	\$671	\$8,836	\$849
Covered by Medicare	4,330	536	12.4	\$4,493	\$716	\$8,215	\$1,033
Received SSI	3,627	466	12.9	\$4,737	\$1,037	\$8,808	\$1,215
SPECIAL AIDS							
Used a wheelchair	874	191	21.9	\$21,557	\$6,174	\$28,793	\$4,598
Did not use a wheelchair but used a cane,							
crutches, or a walker	2,173	539	24.8	\$17,358	\$2,477	\$21,119	\$1,968
Had used for 6 months or more	1,675	337	20.1	\$15,449	\$3,435	\$19,202	\$2,287
Used a hearing aid (x)	914	539	58.9	\$22,958	\$2,905	\$32,347	\$3,103
Had difficulty hearing	357	214	59.9	\$22,018	\$3,213	\$28,851	\$3,341
Did not have difficulty hearing	558	325	58.3	\$25,178	\$4,685	\$34,645	\$4,626
NEED FOR PERSONAL ASSISTANCE							
Number of ADLs or IADLs for							
which assistance was needed							
1 or more	4,470	936	20.9	\$9,856	\$1,356	\$16,499	\$1,680
1	1,824	499	27.3	\$11,456	\$1,600	\$18,989	\$2,557
2	960	186	19.3	\$10,989	\$3,619	\$14,039	\$2,471
3 or more	1,686	252	15.0	\$4,105	\$1,936	\$13,388	\$3,077
Number of ADLs for which assistance							
was needed							
1 or more	1,664	280	16.8	\$8,731	\$3,340	\$16,985	\$3,040
1	583	118	20.3	\$9,885	\$4,344	\$19,674	\$5,147
2	367	78	21.2	\$3,296	\$3,232	\$8,534	\$2,952
3 or more	714	84	11.7	\$11,847	\$10,404	\$21,032	\$6,062
Number of IADLs for which assistance							
was needed							
1 or more	4,211	852	20.2	\$10,055	\$1,444	\$16,516	\$1,793
1	1,954	516	26.4	\$12,112	\$1,647	\$19,675	\$2,541
2	1,022	177	17.4	\$9,187	\$4,167	\$12,562	\$2,290
3 or more	1,235	158	12.8	\$2,366	\$770	\$10,653	\$3,864

TABLE 2. DISABILITY STATUS, EMPLOYMENT, AND ANNUAL RATE OF EARNINGS: INDIVIDUALS 21 TO 64 YEARS OLD

(August-November 1997 data from the Survey of Income and Program Participation. Numbers in thousands.)

Note: Items marked with an (x) are not part of the disability definition.

	Total	Employed		Median earnings		Mean earnings		
		Number	Percent	Value	Std. err.	Value	Std. err.	
PERCEIVED HEALTH STATUS (x)								
All disability statuses	152,886	119,616	78.2	\$22,941	\$151	\$30,155	\$358	
Excellent	48,827	41,870	85.8	\$25,527	\$276	\$33,237	\$484	
Very good	53,070	44,361	83.6	\$23,459	\$246	\$30,666	\$748	
Good	35,793	27,119	75.8	\$20,275	\$287	\$26,775	\$637	
Fair	10,557	5,399	51.1	\$16,233	\$477	\$21,089	\$792	
Poor	4,639	867	18.7	\$13,765	\$1,514	\$17,361	\$1,536	
No disability	125,165	105,694	84.4	\$23,645	\$157	\$31,045	\$393	
Excellent	46,650	40,289	86.4	\$25,695	\$281	\$33,370	\$486	
Very good	48,391	41,046	84.8	\$23,650	\$257	\$31,094	\$804	
Good	27,091	21,972	81.1	\$20,837	\$315	\$27,325	\$703	
Fair	2,856	2,259	79.1	\$18,385	\$906	\$25,326	\$1,575	
Poor	175	127	72.5	\$17,721	\$3,816	\$22,598	\$3,305	
Disability, not severe	10,403	8,529	82.0	\$20,469	\$508	\$26,449	\$1,078	
Excellent	1,334	1,131	84.8	\$22,915	\$1,634	\$31,489	\$4,390	
Very good	2,879	2,455	85.3	\$22,824	\$868	\$27,264	\$1,172	
Good	4,073	3,246	79.7	\$19,733	\$885	\$27,312	\$2,142	
Fair	1,881	1,523	81.0	\$17,104	\$1,169	\$20,459	\$1,057	
Poor	236	174	73.5	\$15,672	\$1,761	\$18,518	\$2,564	
Severe disability	17,318	5,393	31.1	\$13,234	\$653	\$18,582	\$806	
Excellent	843	450	53.3	\$14,630	\$2,506	\$25,694	\$3,595	
Very good	1,799	859	47.8	\$16,136	\$2,317	\$19,938	\$1,379	
Good	4,629	1,901	41.1	\$14,135	\$1,012	\$19,504	\$1,724	
Fair	5,820	1,617	27.8	\$11,413	\$1,015	\$15,763	\$984	
Poor	4,228	566	13.4	\$10,699	\$2,304	\$15,832	\$2,068	
DISABILITY DOMAINS								
With a disability in one domain	16,921	9,782	57.8	\$18,614	\$506	\$24,491	\$959	
Communication	1,959	1,640	83.7	\$24,769	\$1,010	\$31,412	\$2,707	
Physical	12,219	6,488	53.1	\$17,685	\$598	\$22,893	\$986	
Mental	2,743	1,653	60.3	\$14,709	\$1,119	\$23,897	\$3,138	
With a disability in two domains	7,371	2,964	40.2	\$15,763	\$738	\$20,655	\$878	
Communication and physical	3,181	1,677	52.7	\$18,498	\$1,557	\$23,580	\$1,216	
Communication and mental	495	245	49.5	\$9,546	\$2,633	\$13,199	\$1,988	
Physical and mental	3,695	1,042	28.2	\$12,681	\$1,250	\$17,704	\$1,416	
With a disability in three domains	2,017	368	18.2	\$13,231	\$2,576	\$17,209	\$2,235	
Domain(s) not identified	1,413	808	57.2	\$16,154	\$1,892	\$23,114	\$3,672	
No disability	125,165	105,694	84.4	\$23,645	\$157	\$31,045	\$393	

TABLE 2. DISABILITY STATUS, EMPLOYMENT, AND ANNUAL RATE OF EARNINGS: INDIVIDUALS 21 TO 64 YEARS OLD

(August-November 1997 data from the Survey of Income and Program Participation. Numbers in thousands.)

Note: Items marked with an (x) are not part of the disability definition.

	Total	Employed		Median earnings		Mean earnings	
		Number	Percent	Value	Std. err.	Value	Std. err.
CONDITIONS REPORTED AS THE CAUSE OR ONE OF THE CAUSES OF ACTIVITY LIMITATIONS							
Alcohol or drug problem	368	104	28.2	\$12,124	\$4,423	\$14,873	\$2,525
AIDS or AIDS related condition	166	70	42.1	\$19,869	\$6,316	\$22,621	\$4,307
Arthritis or rheumatism	5,886	2,791	47.4	\$17,742	\$884	\$22,730	\$1,046
Back or spine problems	9,593	5,017	52.3	\$18,270	\$623	\$23,166	\$914
Blindness or vision problem	1,280	627	49.0	\$20,284	\$2,070	\$23,844	\$2,397
Broken bone/fracture	944	507	53.7	\$15,745	\$1,942	\$18,811	\$1,805
Cancer	791	324	41.0	\$17,712	\$3,090	\$24,028	\$3,503
Cerebral palsy	179	42	23.3	\$17,623	\$11,708	\$22,178	\$7,925
Deafness or hearing problem	1,873	1,409	75.2	\$23,652	\$1,083	\$31,650	\$3,176
Diabetes	1,891	797	42.1	\$17,052	\$1,146	\$21,557	\$1,736
Epilepsy	468	151	32.2	\$9,477	\$3,285	\$13,079	\$2,345
Head or spinal cord injury	699	289	41.3	\$12,490	\$3,733	\$17,212	\$2,165
Heart trouble or hardening of arteries	2,586	979	37.9	\$18,751	\$1,270	\$23,000	\$1,502
Hernia or rupture	407	217	53.4	\$17,122	\$3,814	\$26,138	\$4,561
High blood pressure	1,760	840	47.7	\$15,537	\$1,085	\$23,128	\$3,431
Kidney problems	521	151	29.0	\$17,969	\$4,366	\$22,082	\$3,442
Learning disability	605	166	27.5	\$7,635	\$2,314	\$10,450	\$2,305
Lung or respiratory problems	2,135	944	44.2	\$17,256	\$1,297	\$21,035	\$1,376
Mental or emotional problems	2,210	561	25.4	\$9,472	\$1,512	\$14,822	\$2,030
Mental retardation	746	220	29.5	\$4,774	\$2,001	\$7,545	\$1,292
Missing legs, arms, feet, hands, or fingers	308	66	21.3	\$20,375	\$4,039	\$24,305	\$4,648
Paralysis	421	162	38.5	\$16,123	\$3,259	\$18,326	\$2,807
Senility, dementia, Alzheimers	51	10	19.2	\$19,590	\$20,131	\$30,850	\$13,143
Speech disorder	179	115	64.5	\$19,922	\$4,175	\$23,144	\$3,328
Stiffness or deformity of legs, arms, feet, or hands	2,377	1,257	52.9	\$19,632	\$1,427	\$23,705	\$1,416
Stomach/digestive problems	820	387	47.2	\$16,673	\$1,697	\$23,070	\$3,016
Stroke	688	130	19.0	\$19,214	\$2,676	\$48,864	\$31,023
Thyroid problems	194	113	58.4	\$12,394	\$3,547	\$20,313	\$3,965
Tumor, cyst, or growth	284	126	44.5	\$15,065	\$2,422	\$23,081	\$4,597
Other	7,033	4,310	61.3	\$20,028	\$680	\$24,640	\$735

**TABLE 3. DISTRIBUTION OF EARNINGS AND BENEFITS
RECEIVED BY INDIVIDUALS 21 TO 64 YEARS OLD BY DISABILITY STATUS
(Data from wave 5 of the 1996 panel of the Survey of Income and Program Participation)**

	Earnings	TANF	SSI	Food stamps	Medicaid
AMOUNT (billions)					
All disability statuses	\$3630.5	\$14.6	\$17.6	\$13.3	\$50.7
With a severe disability	103.8	5.0	17.6	4.4	33.9
With a nonsevere disability	227.5	1.5	*	1.1	2.0
No disability	3299.2	8.1	*	7.8	14.8
PERCENT DISTRIBUTION					
All disability statuses	100.0	100.0	100.0	100.0	100.0
With a severe disability	2.9	34.2	100.0	33.1	66.9
With a nonsevere disability	6.3	10.3	*	8.3	3.9
No disability	90.9	55.5	*	58.6	29.2
NUMBER RECEIVING EARNINGS OR BENEFITS (thousands)					
All disability statuses	118,939	2,984	3,627	6,378	10,172
With a severe disability	5,495	1,077	3,627	2,884	5,694
With a nonsevere disability	8,398	281	*	440	571
No disability	105,046	1,627	*	3,055	3,907
MEAN AMOUNT OF EARNINGS OR BENEFIT PER RECIPIENT (annual rate)					
All disability statuses	\$30,524	\$4,883	\$4,863	\$2,080	\$4,987
With a severe disability	18,886	4,600	4,863	1,538	5,961
With a nonsevere disability	27,091	5,296	*	2,415	3,440
No disability	31,407	4,999	*	2,543	3,795

* Individuals under 65 years old who received SSI benefits are considered to have a severe disability.

Note: The dollar value of TANF, SSI, and food stamp benefits are reported directly by survey respondents. The dollar value of Medicaid benefits were estimated by using a rounded version of administrative data on per capita Medicaid outlays. The rounded values were \$8,000 for Medicaid recipients who were also covered by SSI, and \$2,000 for other adults. Adults who were covered by Medicaid and who had children were assigned \$1,000 in benefits for each child.

TABLE 4. EARNINGS, BENEFITS, AND OTHER CHARACTERISTICS INCLUDING DISABILITY STATUS

(Data from wave 5 of the 1996 panel of the Survey of Income and Program Participation)

	Total (thous.)	Earnings			Received benefits from one or more programs including TANF, SSI, Food stamps, and Medicaid		
		Number with earnings (thous.)	Total earnings (annual rate in bill.)	Mean earnings (annual rate)	Number (thous.)	Total value of benefits (annual rate in bill.)	Mean value of benefits (annual rate)
Age 21 to 64	152,886	118,939	\$3630.5	\$30,524	12,382	\$96.2	\$7,770
With a severe disability	17,318	5,495	103.8	18,886	6,480	61.0	9,409
With a nonsevere disability	10,403	8,398	227.5	27,091	729	4.5	6,190
With no disability	125,165	105,046	3299.2	31,407	5,173	30.7	5,940
Age 21 to 34	53,477	43,511	1036.6	23,823	5,073	37.7	7,427
With a severe disability	3,160	1,371	19.0	13,848	1,570	15.9	10,137
With a nonsevere disability	2,341	1,953	39.1	20,031	339	2.3	6,872
With no disability	47,976	40,187	978.4	24,347	3,164	19.4	6,142
Age 35 to 44	44,198	36,216	1198.7	33,100	3,474	27.7	7,974
With a severe disability	4,304	1,637	30.7	18,737	1,854	17.3	9,326
With a nonsevere disability	2,658	2,272	62.5	27,498	202	1.4	6,737
With no disability	37,236	32,307	1105.6	34,221	1,418	9.0	6,381
Age 45 to 64	55,211	39,212	1395.2	35,581	3,835	30.8	8,040
With a severe disability	9,854	2,487	54.1	21,761	3,056	27.8	9,086
With a nonsevere disability	5,405	4,173	125.9	30,175	188	0.8	4,380
With no disability	39,952	32,552	1215.1	37,329	591	2.2	3,799

TABLE 4. EARNINGS, BENEFITS, AND OTHER CHARACTERISTICS INCLUDING DISABILITY STATUS
(Data from wave 5 of the 1996 panel of the Survey of Income and Program Participation)

	Total (thous.)	Earnings			Received benefits from one or more programs including TANF, SSI, Food stamps, and Medicaid		
		Number with earnings (thous.)	Total earnings (annual rate in bill.)	Mean earnings (annual rate)	Number (thous.)	Total value of benefits (annual rate in bill.)	Mean value of benefits (annual rate)
ALL DISABILITY STATUSES							
Married male with children	25,893	24,095	\$1028.4	42,681	1,012	\$5.7	\$5,675
With children under 5 yrs.	10,566	9,988	385.9	38,643	465	2.5	5,174
Married male, no children	19,710	16,231	660.7	40,709	468	3.6	7,715
Other male with children	2,503	2,148	63.9	29,765	258	1.8	7,106
With children under 5 yrs.	874	746	16.0	21,380	87	0.7	6,918
Other male, no children	27,007	21,196	603.3	28,464	2,450	19.4	7,936
Married female with children	25,808	17,874	398.2	22,281	1,496	10.3	6,879
With children under 5 yrs.	10,403	6,562	134.6	20,507	772	5.1	6,373
Married female, no children	21,546	14,626	354.9	24,263	623	4.2	6,700
Other female with children	9,958	7,266	139.9	19,255	3,665	31.4	8,582
With children under 5 yrs.	3,404	2,115	31.5	14,878	1,714	15.7	9,064
Other female, no children	20,642	15,503	381.1	24,580	2,409	19.7	8,161

TABLE 4. EARNINGS, BENEFITS, AND OTHER CHARACTERISTICS INCLUDING DISABILITY STATUS

(Data from wave 5 of the 1996 panel of the Survey of Income and Program Participation)

	Total (thous.)	Earnings			Received benefits from one or more programs including TANF, SSI, Food stamps, and Medicaid		
		Number with earnings (thous.)	Total earnings (annual rate in bill.)	Mean earnings (annual rate)	Number (thous.)	Total value of benefits (annual rate in bill.)	Mean value of benefits (annual rate)
WITH A SEVERE DISABILITY							
Married male with children	1,348	615	\$17.3	\$28,091	380	\$2.8	\$7,464
With children under 5 yrs.	318	170	4.4	26,020	94	0.7	7,726
Married male, no children	2,290	682	19.6	28,798	351	3.3	9,508
Other male with children	292	111	2.2	19,936	112	1.2	10,534
With children under 5yrs.	106	46	1.1	24,634	38	0.4	10,257
Other male, no children	4,159	1,201	17.1	14,283	2,066	18.3	8,875
Married female with children	1,552	663	9.6	14,553	339	3.5	10,226
With children under 5 yrs.	416	182	2.8	15,305	112	1.0	9,336
Married female, no children	2,761	705	12.6	17,910	406	3.5	8,668
Other female with children	1,355	501	7.7	15,445	967	10.6	10,984
With children under 5 yrs.	400	98	1.3	13,601	319	3.9	12,264
Other female, no children	3,562	1,016	17.5	17,188	1,859	17.7	9,507

TABLE 4. EARNINGS, BENEFITS, AND OTHER CHARACTERISTICS INCLUDING DISABILITY STATUS

(Data from wave 5 of the 1996 panel of the Survey of Income and Program Participation)

	Total (thous.)	Earnings			Received benefits from one or more programs including TANF, SSI, Food stamps, and Medicaid		
		Number with earnings (thous.)	Total earnings (annual rate in bill.)	Mean earnings (annual rate)	Number (thous.)	Total value of benefits (annual rate in bill.)	Mean value of benefits (annual rate)
WITH A NONSEVERE DISABILITY							
Married male with children	1,381	1,259	\$48.1	\$38,220	62	\$0.3	\$4,832
With children under 5 yrs.	491	448	13.8	30,816	30	0.2	5,591
Married male, no children	1,791	1,516	53.4	35,219	19	-	2,153
Other male with children	176	165	4.0	24,048	11	-	4,503
With children under 5yrs.	50	42	0.7	16,163	11	-	4,503
Other male, no children	1,512	1,327	33.5	25,235	75	0.2	2,857
Married female with children	1,337	949	21.5	22,695	139	0.8	5,457
With children under 5	401	251	4.3	17,094	68	0.4	5,535
Married female, no children	1,893	1,311	29.2	22,286	41	0.1	2,989
Other female with children	726	550	9.6	17,471	293	2.7	9,251
With children under 5	210	127	1.3	9,897	145	1.3	9,079
Other female, no children	1,587	1,322	28.2	21,350	89	0.3	3,542

TABLE 4. EARNINGS, BENEFITS, AND OTHER CHARACTERISTICS INCLUDING DISABILITY STATUS

(Data from wave 5 of the 1996 panel of the Survey of Income and Program Participation)

	Total (thous.)	Earnings			Received benefits from one or more programs including TANF, SSI, Food stamps, and Medicaid		
		Number with earnings (thous.)	Total earnings (annual rate in bill.)	Mean earnings (annual rate)	Number (thous.)	Total value of benefits (annual rate in bill.)	Mean value of benefits (annual rate)
WITH NO DISABILITY							
Married male with children	23,164	22,222	\$963.0	\$43,338	570	\$2.6	\$4,572
With children under 5 yrs.	9,757	9,369	367.7	39,246	361	1.6	4,473
Married male, no children	15,629	14,033	587.7	41,880	99	0.2	2,407
Other male with children	2,035	1,871	57.7	30,854	135	0.6	4,469
With children under 5yrs.	718	659	14.2	21,487	51	0.2	4,919
Other male, no children	21,335	18,668	552.7	29,606	309	0.9	2,884
Married female with children	22,920	16,262	367.1	22,571	1,018	6.1	5,959
With children under 5	9,585	6,129	127.5	20,801	616	3.6	5,926
Married female, no children	16,893	12,610	313.0	24,824	176	0.5	3,047
Other female with children	7,877	6,215	122.6	19,720	2,404	18.1	7,533
With children under 5	2,794	1,890	28.9	15,278	1,265	10.4	8,255
Other female, no children	15,312	13,164	335.4	25,475	461	1.7	3,622

TABLE 5. EARNINGS, BENEFITS, AND OTHER CHARACTERISTICS INCLUDING DISABILITY STATUS

(Data from wave 5 of the 1996 panel of the Survey of Income and Program Participation)

	Total (thous.)	Earnings			Received benefits from TANF, Food stamps, or Medicaid (excludes Medicaid benefits received by SSI recipients).		
		Number with earnings (thous.)	Total earnings (annual rate in bill.)	Mean earnings (annual rate)	Number (thous.)	Total value of benefits (annual rate in bill.)	Mean value of benefits (annual rate)
Age 21 to 64	152,886	118,939	\$3630.5	\$30,524	10,152	\$51.2	\$5,039
With a severe disability	17,318	5,495	103.8	18,886	4,251	15.9	3,746
With a nonsevere disability	10,403	8,398	227.5	27,091	729	4.5	6,190
With no disability	125,165	105,046	3299.2	31,407	5,173	30.7	5,940
Age 21 to 34	53,477	43,511	1036.6	23,823	4,485	26.7	5,951
With a severe disability	3,160	1,371	19.0	13,848	982	4.9	5,019
With a nonsevere disability	2,341	1,953	39.1	20,031	339	2.3	6,872
With no disability	47,976	40,187	978.4	24,347	3,164	19.4	6,142
Age 35 to 44	44,198	36,216	1198.7	33,100	2,854	15.7	5,511
With a severe disability	4,304	1,637	30.7	18,737	1,234	5.3	4,312
With a nonsevere disability	2,658	2,272	62.5	27,498	202	1.4	6,737
With no disability	37,236	32,307	1105.6	34,221	1,418	9.0	6,381
Age 45 to 64	55,211	39,212	1395.2	35,581	2,814	8.7	3,108
With a severe disability	9,854	2,487	54.1	21,761	2,035	5.7	2,789
With a nonsevere disability	5,405	4,173	125.9	30,175	188	0.8	4,380
With no disability	39,952	32,552	1215.1	37,329	591	2.2	3,799

TABLE 5. EARNINGS, BENEFITS, AND OTHER CHARACTERISTICS INCLUDING DISABILITY STATUS
(Data from wave 5 of the 1996 panel of the Survey of Income and Program Participation)

	Total (thous.)	Earnings			Received benefits from TANF, Food stamps, or Medicaid (excludes Medicaid benefits received by SSI recipients).		
		Number with earnings (thous.)	Total earnings (annual rate in bill.)	Mean earnings (annual rate)	Number (thous.)	Total value of benefits (annual rate in bill.)	Mean value of benefits (annual rate)
ALL DISABILITY STATUSES							
Married male with children	25,893	24,095	\$1028.4	\$42,681	905	\$4.2	\$4,627
With children under 5 yrs.	10,566	9,988	385.9	38,643	465	2.2	4,685
Married male, no children	19,710	16,231	660.7	40,709	316	0.7	2,292
Other male with children	2,503	2,148	63.9	29,765	209	0.9	4,402
With children under 5 yrs.	874	746	16.0	21,380	87	0.4	4,287
Other male, no children	27,007	21,196	603.3	28,464	1,558	3.5	2,260
Married female with children	25,808	17,874	398.2	22,281	1,409	8.6	6,082
With children under 5 yrs.	10,403	6,562	134.6	20,507	772	4.7	6,047
Married female, no children	21,546	14,626	354.9	24,263	425	1.3	2,970
Other female with children	9,958	7,266	139.9	19,255	3,560	27.2	7,650
With children under 5 yrs.	3,404	2,115	31.5	14,878	1,714	14.3	8,337
Other female, no children	20,642	15,503	381.1	24,580	1,770	4.7	2,678

TABLE 5. EARNINGS, BENEFITS, AND OTHER CHARACTERISTICS INCLUDING DISABILITY STATUS

(Data from wave 5 of the 1996 panel of the Survey of Income and Program Participation)

	Total (thous.)	Earnings			Received benefits from TANF, Food stamps, or Medicaid (excludes Medicaid benefits received by SSI recipients).		
		Number with earnings (thous.)	Total earnings (annual rate in bill.)	Mean earnings (annual rate)	Number (thous.)	Total value of benefits (annual rate in bill.)	Mean value of benefits (annual rate)
WITH A SEVERE DISABILITY							
Married male with children	1,348	615	\$17.3	\$28,091	273	\$1.3	\$4,695
With children under 5 yrs.	318	170	4.4	26,020	74	0.4	5,356
Married male, no children	2,290	682	19.6	28,798	198	0.4	2,248
Other male with children	292	111	2.2	19,936	63	0.3	4,241
With children under 5yrs.	106	46	1.1	24,634	26	0.1	2,963
Other male, no children	4,159	1,201	17.1	14,283	1,174	2.4	2,058
Married female with children	1,552	663	9.6	14,553	252	1.7	6,925
With children under 5 yrs.	416	182	2.8	15,305	89	0.6	7,282
Married female, no children	2,761	705	12.6	17,910	207	0.6	2,899
Other female with children	1,355	501	7.7	15,445	863	6.4	7,429
With children under 5 yrs.	400	98	1.3	13,601	305	2.5	8,328
Other female, no children	3,562	1,016	17.5	17,188	1,220	2.8	2,259

TABLE 5. EARNINGS, BENEFITS, AND OTHER CHARACTERISTICS INCLUDING DISABILITY STATUS

(Data from wave 5 of the 1996 panel of the Survey of Income and Program Participation)

	Total (thous.)	Earnings			Received benefits from TANF, Food stamps, or Medicaid (excludes Medicaid benefits received by SSI recipients).		
		Number with earnings (thous.)	Total earnings (annual rate in bill.)	Mean earnings (annual rate)	Number (thous.)	Total value of benefits (annual rate in bill.)	Mean value of benefits (annual rate)
WITH A NONSEVERE DISABILITY							
Married male with children	1,381	1,259	\$48.1	\$38,220	62	\$0.3	\$4,832
With children under 5 yrs.	491	448	13.8	30,816	30	0.2	5,591
Married male, no children	1,791	1,516	53.4	35,219	19	-	2,153
Other male with children	176	165	4.0	24,048	11	-	4,503
With children under 5yrs.	50	42	0.7	16,163	11	-	4,503
Other male, no children	1,512	1,327	33.5	25,235	75	0.2	2,857
Married female with children	1,337	949	21.5	22,695	139	0.8	5,457
With children under 5	401	251	4.3	17,094	68	0.4	5,535
Married female, no children	1,893	1,311	29.2	22,286	41	0.1	2,989
Other female with children	726	550	9.6	17,471	293	2.7	9,251
With children under 5	210	127	1.3	9,897	145	1.3	9,079
Other female, no children	1,587	1,322	28.2	21,350	89	0.3	3,542

TABLE 6. LOGISTIC REGRESSION: DEPENDENT VARIABLE IS RECEIPT OF TANF; 25 UNIVERSE IS UNMARRIED WOMEN WITH CHILDREN UNDER 18

	Frequencies (000's)		Coefficients and standard errors
	All cases	Receivd TANF	
Intercept			-2.39 (.10)
Age less than 25	2,015	448	0.34 (.09)
Age 25 to 29	2,146	406	Reference
Age 30 and over	8,429	983	-0.38 (.07)
Not a high school graduate	2,895	754	0.40 (.07)
High school graduate	4,472	640	Reference
Some college	4,040	414	-0.21 (.07)
College graduate	1,183	30	-1.31 (.20)
White, not Hispanic origin	6,482	564	Reference
Black, not Hispanic origin	3,715	801	0.72 (.07)
Other, not Hispanic origin	385	43	-0.12 (.18)
Hispanic origin	2,010	429	0.61 (.08)
One child	7,101	693	-0.53 (.07)
Two children	3,673	542	Reference
Three children	1,239	366	0.75 (.08)
Four or more children	577	237	1.18 (.10)
Never married	5,410	1,120	0.41 (.07)
Married previously	7,181	718	Reference
No disability	10,027	1,171	Reference
Nonsevere disability	916	185	0.86 (.10)
Severe disability	1,648	482	1.21 (.07)

**TABLE A1. DISABILITY AND EMPLOYMENT STATUSES IN TIME 1
AND TIME2: DATA FROM THE SURVEY OF INCOME AND PROGRAM PARTICIPATION
(Time 1 is October 1993-January 1994; time 2 is October 1994-January 1995)**

	Number (thousands)	Employment rate	
		Time 1	Time 2
Age 16 to 63 (T1)	131,160	74.0	74.6
Wheelchair			
Used a wheelchair (T1)	503	20.3	21.0
Used a wheelchair (T2)	315	10.8	13.2
Did not use a wheelchair (T2)	187	36.5	34.0
Did not use a wheelchair (T1)	130,657	74.2	74.8
Used a wheelchair (T2)	325	30.8	28.2
Did not use a wheelchair (T2)	130,332	74.3	74.9
Cane/Crutches/Walker			
Used cane/crutches/walker (T1)	1,457	32.7	30.1
Used cane/crutches/walker (T2)	649	19.7	16.5
Did not use cane/crutches/walker (T2)	809	43.2	41.1
Did not use cane/crutches/walker (T1)	129,703	74.5	75.1
Used cane/crutches/walker (T2)	770	43.4	35.9
Did not use cane/crutches/walker (T2)	128,933	74.6	75.3
Mental			
With a disability (T1)	4,846	40.8	41.0
With a disability (T2)	2,677	32.6	31.9
No disability (T2)	2,169	50.9	52.1
No disability (T1)	126,314	75.3	75.9
With a disability (T2)	2,453	50.1	47.5
No disability (T2)	123,861	75.8	76.5

TABLE A1. DISABILITY AND EMPLOYMENT STATUSES IN TIME 1
AND TIME2: DATA FROM THE SURVEY OF INCOME AND PROGRAM PARTICIPATION
(Time 1 is October 1993-January 1994; time 2 is October 1994-January 1995)

	Number (thousands)	Employment rate	
		Time 1	Time 2
Overall disability status			
Severe limitation (T1)	11,436	26.0	29.9
Severe limitation (T2)	8,386	15.5	15.9
Nonsevere limitation (T2)	1,747	50.4	65.3
No limitation (T2)	1,303	60.6	72.4
Nonsevere limitation (T1)	13,106	77.7	75.1
Severe limitation (T2)	1,863	62.2	46.5
Nonsevere limitation (T2)	6,146	79.4	79.7
No limitation (T2)	5,096	81.4	80.1
No limitation (T1)	106,619	78.7	79.3
Severe limitation (T2)	2,097	64.5	46.7
Nonsevere limitation (T2)	5,456	74.8	74.7
No limitation (T2)	99,067	79.2	80.3
Limitation in T1 or T2	32,093	57.9	57.1
Limitation in T1 and T2	18,142	45.3	45.4
Severe limitation in T1 or T2	11,436	26.0	29.9
Severe limitation in T1 and T2	8,386	15.5	15.9

TABLE B1. EMPLOYMENT AND ANNUAL RATE OF EARNINGS OF INDIVIDUALS 21 TO 64 YEARS OLD: ALL DISABILITY STATUSES

(August-November 1997 data from the Survey of Income and Program Participation. Numbers in thousands)

	Total	Employed		Median earnings		Mean earnings	
		Number	Percent	Value	Std. err.	Value	Std. err.
Both sexes	152,886	119,616	78.2	\$22,941	\$151	\$30,155	\$358
SEX							
Male	75,113	64,059	85.3	\$27,800	\$275	\$36,583	\$628
Female	77,773	55,556	71.4	\$18,402	\$176	\$22,743	\$246
AGE							
21 to 34 years	53,477	43,001	80.4	\$19,424	\$187	\$23,862	\$622
35 to 54 years	77,818	63,845	82.0	\$26,228	\$242	\$34,197	\$480
55 years and over	21,591	12,769	59.1	\$22,090	\$541	\$31,138	\$1,010
EDUCATION							
Not a high school grad	20,745	11,885	57.3	\$14,542	\$245	\$17,722	\$534
High school grad	48,200	36,833	76.4	\$19,639	\$194	\$23,083	\$239
Some college	46,666	38,031	81.5	\$22,502	\$243	\$27,029	\$361
College grad	37,274	32,867	88.2	\$35,409	\$361	\$46,194	\$1,163
RACE AND HISPANIC ORIGIN							
White	127,263	101,111	79.5	\$23,657	\$166	\$31,081	\$414
Not of Hispanic origin	112,457	90,387	80.4	\$24,656	\$176	\$32,109	\$445
Black	18,489	13,157	71.2	\$19,237	\$357	\$23,563	\$450
Other	7,135	5,347	74.9	\$20,527	\$635	\$28,873	\$1,218
Of Hispanic origin	16,108	11,593	72.0	\$16,869	\$287	\$22,272	\$990
MARITAL STATUS							
Married, spouse present	92,957	73,929	79.5	\$25,154	\$216	\$32,893	\$418
Never married	33,612	25,923	77.1	\$18,237	\$248	\$24,247	\$1,069
Other status	26,318	19,764	75.1	\$22,072	\$342	\$27,662	\$517
HEALTH INSURANCE COVERAGE							
Covered by health insurance	126,876	101,494	80.0	\$25,302	\$174	\$32,404	\$337
Private only	114,037	97,990	85.9	\$25,986	\$173	\$33,192	\$347
Employer provided	68,234	67,198	98.5	\$29,694	\$217	\$37,099	\$455
Covered by Medicare or Medicaid	12,839	3,503	27.3	\$7,431	\$392	\$10,365	\$420
Covered by Medicare	4,330	536	12.4	\$4,493	\$716	\$8,215	\$1,033
Both Medicare and Medicaid	1,639	154	9.4	\$2,339	\$640	\$4,695	\$1,207
Covered by Medicaid	10,148	3,121	30.8	\$7,685	\$429	\$10,455	\$442
Not covered by health insurance	26,010	18,122	69.7	\$12,972	\$202	\$17,558	\$1,406
RECEIPT OF SOCIAL SECURITY							
Received	7,814	1,509	19.3	\$5,952	\$527	\$9,069	\$810
Did not receive	145,072	118,107	81.4	\$23,178	\$150	\$30,424	\$362
RECEIPT OF ASSISTANCE							
Received assistance	9,129	2,717	29.8	\$7,205	\$403	\$10,080	\$707
Received SSI	3,627	466	12.9	\$4,737	\$1,037	\$8,808	\$1,215
Received other cash assistance	2,966	862	29.1	\$5,266	\$644	\$7,582	\$665
Received food stamps	6,220	2,094	33.7	\$7,257	\$433	\$10,053	\$859
Did not receive assistance	143,757	116,899	81.3	\$23,360	\$150	\$30,622	\$366

TABLE B2. EMPLOYMENT AND ANNUAL RATE OF EARNINGS OF INDIVIDUALS 21 TO 64 YEARS OLD WITH A DISABILITY

(August-November 1997 data from the Survey of Income and Program Participation. Numbers in thousands)

	Total	Employed		Median earnings		Mean earnings	
		Number	Percent	Value	Std. err.	Value	Std. err.
Both sexes	27,721	13,922	50.2	\$17,667	\$425	\$23,402	\$735
SEX							
Male	12,950	6,903	53.3	\$21,402	\$638	\$27,799	\$1,151
Female	14,772	7,019	47.5	\$14,767	\$504	\$19,077	\$901
AGE							
21 to 34 years	5,501	3,221	58.6	\$14,408	\$540	\$17,699	\$722
35 to 54 years	14,527	7,972	54.9	\$19,394	\$582	\$24,722	\$896
55 years and over	7,693	2,729	35.5	\$17,785	\$1,198	\$26,277	\$2,522
EDUCATION							
Not a high school grad	7,221	2,123	29.4	\$11,136	\$731	\$13,792	\$663
High school grad	9,683	4,889	50.5	\$15,875	\$611	\$19,731	\$828
Some college	7,412	4,451	60.1	\$19,137	\$730	\$24,212	\$1,454
College grad	3,405	2,458	72.2	\$29,884	\$1,587	\$37,536	\$2,579
RACE AND HISPANIC ORIGIN							
White	22,236	11,825	53.2	\$18,396	\$452	\$24,196	\$845
Not of Hispanic origin	20,085	10,913	54.3	\$18,936	\$462	\$24,780	\$907
Black	4,365	1,535	35.2	\$14,842	\$1,149	\$19,119	\$1,238
Other	1,121	562	50.1	\$15,010	\$1,031	\$18,379	\$1,735
Of Hispanic origin	2,410	1,009	41.9	\$12,504	\$1,029	\$17,173	\$1,279
MARITAL STATUS							
Married, spouse present	14,351	7,853	54.7	\$20,176	\$540	\$26,612	\$1,216
Never married	6,047	2,808	46.4	\$13,508	\$673	\$17,943	\$887
Other status	7,323	3,261	44.5	\$16,198	\$667	\$20,374	\$758
HEALTH INSURANCE COVERAGE							
Covered by health insurance	22,876	11,559	50.5	\$20,030	\$444	\$25,531	\$865
Private only	13,907	10,047	72.2	\$22,162	\$431	\$28,081	\$977
Employer provided	6,893	6,650	96.5	\$25,914	\$559	\$31,624	\$1,127
Covered by Medicare or Medicaid	8,969	1,512	16.9	\$5,398	\$546	\$8,590	\$603
Covered by Medicare	4,330	536	12.4	\$4,493	\$716	\$8,215	\$1,033
Both Medicare and Medicaid	1,639	154	9.4	\$2,339	\$640	\$4,695	\$1,207
Covered by Medicaid	6,278	1,130	18.0	\$5,233	\$640	\$8,237	\$668
Not covered by health insurance	4,845	2,363	48.8	\$10,122	\$591	\$12,987	\$738
RECEIPT OF SOCIAL SECURITY							
Received	5,795	790	13.6	\$4,669	\$550	\$7,355	\$763
Did not receive	21,927	13,132	59.9	\$18,671	\$430	\$24,368	\$773
RECEIPT OF ASSISTANCE							
Received assistance	5,793	1,012	17.5	\$4,860	\$669	\$7,872	\$712
Received SSI	3,627	466	12.9	\$4,737	\$1,037	\$8,808	\$1,215
Received other cash assistance	1,344	250	18.6	\$4,207	\$1,479	\$6,137	\$938
Received food stamps	3,244	577	17.8	\$4,469	\$658	\$6,990	\$803
Did not receive assistance	21,928	12,910	58.9	\$19,000	\$431	\$24,619	\$785

TABLE B3. EMPLOYMENT AND ANNUAL RATE OF EARNINGS OF INDIVIDUALS 21 TO 64 YEARS OLD WITH A SEVERE DISABILITY

(August-November 1997 data from the Survey of Income and Program Participation. Numbers in thousands)

	Total	Employed		Median earnings		Mean earnings	
		Number	Percent	Value	Std. err.	Value	Std. err.
Both sexes	17,318	5,393	31.1	\$13,234	\$653	\$18,582	\$806
SEX							
Male	8,089	2,572	31.8	\$14,575	\$928	\$21,048	\$1,481
Female	9,229	2,820	30.6	\$12,030	\$770	\$16,333	\$729
AGE							
21 to 34 years	3,160	1,282	40.6	\$11,064	\$1,042	\$14,180	\$944
35 to 54 years	8,951	3,149	35.2	\$14,754	\$907	\$20,390	\$1,240
55 years and over	5,207	962	18.5	\$12,156	\$2,284	\$18,530	\$1,469
EDUCATION							
Not a high school grad	5,664	1,012	17.9	\$7,659	\$973	\$11,074	\$827
High school grad	6,066	1,972	32.5	\$12,069	\$895	\$15,855	\$830
Some college	4,005	1,561	39.0	\$15,450	\$873	\$19,102	\$1,132
College grad	1,583	849	53.6	\$24,080	\$2,656	\$32,907	\$3,915
RACE AND HISPANIC ORIGIN							
White	13,290	4,459	33.6	\$13,780	\$736	\$19,344	\$943
Not of Hispanic origin	11,786	4,052	34.4	\$14,255	\$835	\$19,801	\$1,019
Black	3,317	696	21.0	\$10,337	\$1,634	\$15,195	\$1,369
Other	711	238	33.5	\$12,725	\$1,935	\$14,214	\$2,006
Of Hispanic origin	1,703	452	26.5	\$11,487	\$1,537	\$14,928	\$1,727
MARITAL STATUS							
Married, spouse present	7,950	2,691	33.8	\$16,432	\$856	\$21,395	\$1,374
Never married	4,336	1,360	31.4	\$8,490	\$1,015	\$14,198	\$1,171
Other status	5,032	1,342	26.7	\$12,618	\$1,183	\$17,384	\$1,161
HEALTH INSURANCE COVERAGE							
Covered by health insurance	14,253	4,333	30.4	\$15,036	\$795	\$20,183	\$951
Private only	5,843	3,123	53.4	\$19,948	\$718	\$24,659	\$1,241
Employer provided	2,263	2,097	92.7	\$22,270	\$1,007	\$28,192	\$1,686
Covered by Medicare or Medicaid	8,410	1,210	14.4	\$4,979	\$601	\$8,631	\$704
Covered by Medicare	4,330	536	12.4	\$4,493	\$716	\$8,215	\$1,033
Both Medicare and Medicaid	1,639	154	9.4	\$2,339	\$640	\$4,695	\$1,207
Covered by Medicaid	5,719	828	14.5	\$4,623	\$689	\$8,169	\$823
Not covered by health insurance	3,065	1,060	34.6	\$7,884	\$944	\$12,038	\$1,194
RECEIPT OF SOCIAL SECURITY							
Received	5,296	593	11.2	\$3,957	\$545	\$6,803	\$886
Did not receive	12,022	4,800	39.9	\$15,007	\$646	\$20,037	\$887
RECEIPT OF ASSISTANCE							
Received assistance	5,288	755	14.3	\$4,266	\$601	\$7,712	\$839
Received SSI	3,627	466	12.9	\$4,737	\$1,037	\$8,808	\$1,215
Received other cash assistance	1,063	132	12.4	\$4,240	\$2,233	\$6,474	\$1,421
Received food stamps	2,817	362	12.9	\$3,811	\$617	\$6,322	\$893
Did not receive assistance	12,030	4,638	38.6	\$15,349	\$687	\$20,352	\$913

TABLE B4. EMPLOYMENT AND ANNUAL RATE OF EARNINGS OF INDIVIDUALS 21 TO 64 YEARS OLD WITH A NONSEVERE DISABILITY

(August-November 1997 data from the Survey of Income and Program Participation. Numbers in thousands)

	Total	Employed		Median earnings		Mean earnings	
		Number	Percent	Value	Std. err.	Value	Std. err.
Both sexes	10,403	8,529	82.0	\$20,469	\$508	\$26,449	\$1,078
SEX							
Male	4,860	4,331	89.1	\$25,277	\$816	\$31,809	\$1,593
Female	5,543	4,198	75.7	\$16,291	\$616	\$20,921	\$1,421
AGE							
21 to 34 years	2,341	1,939	82.8	\$16,748	\$863	\$20,024	\$1,004
35 to 54 years	5,576	4,823	86.5	\$22,468	\$682	\$27,551	\$1,232
55 years and over	2,486	1,767	71.1	\$20,347	\$1,184	\$30,495	\$3,792
EDUCATION							
Not a high school grad	1,557	1,111	71.4	\$13,748	\$800	\$16,265	\$987
High school grad	3,617	2,918	80.7	\$18,201	\$810	\$22,350	\$1,257
Some college	3,407	2,891	84.9	\$21,641	\$995	\$26,970	\$2,145
College grad	1,822	1,609	88.3	\$32,709	\$1,813	\$39,978	\$3,346
RACE AND HISPANIC ORIGIN							
White	8,946	7,367	82.3	\$20,950	\$533	\$27,133	\$1,223
Not of Hispanic origin	8,299	6,860	82.7	\$21,413	\$558	\$27,721	\$1,304
Black	1,047	839	80.2	\$17,371	\$1,531	\$22,371	\$1,920
Other	410	323	78.8	\$16,312	\$937	\$21,451	\$2,554
Of Hispanic origin	707	557	78.9	\$13,904	\$2,093	\$18,992	\$1,825
MARITAL STATUS							
Married, spouse present	6,401	5,162	80.6	\$22,220	\$693	\$29,331	\$1,700
Never married	1,711	1,449	84.7	\$17,232	\$930	\$21,456	\$1,285
Other status	2,291	1,919	83.7	\$18,761	\$1,119	\$22,467	\$984
HEALTH INSURANCE COVERAGE							
Covered by health insurance	8,623	7,226	83.8	\$22,683	\$576	\$28,738	\$1,252
Private only	8,064	6,924	85.9	\$23,470	\$589	\$29,624	\$1,300
Employer provided	4,630	4,553	98.3	\$27,186	\$707	\$33,205	\$1,449
Covered by Medicare or Medicaid	559	302	54.0	\$6,420	\$847	\$8,423	\$1,076
Covered by Medicare	-	-	.	.	.	.	.
Both Medicare and Medicaid	-	-	.	.	.	.	.
Covered by Medicaid	559	302	54.0	\$6,420	\$847	\$8,423	\$1,076
Not covered by health insurance	1,780	1,303	73.2	\$11,294	\$603	\$13,758	\$919
RECEIPT OF SOCIAL SECURITY							
Received	499	197	39.6	\$7,009	\$975	\$9,015	\$1,466
Did not receive	9,905	8,332	84.1	\$20,823	\$515	\$26,862	\$1,101
RECEIPT OF ASSISTANCE							
Received assistance	505	257	50.8	\$6,838	\$1,098	\$8,344	\$1,335
Received SSI	-	-	.	.	.	.	.
Received other cash assistance	281	118	42.1	\$4,182	\$1,785	\$5,761	\$1,190
Received food stamps	428	215	50.2	\$6,644	\$1,359	\$8,116	\$1,528
Did not receive assistance	9,898	8,272	83.6	\$20,993	\$502	\$27,011	\$1,108

TABLE B5. EMPLOYMENT AND ANNUAL RATE OF EARNINGS OF INDIVIDUALS 21 TO 64 YEARS OLD WITH NO DISABILITY

(August-November 1997 data from the Survey of Income and Program Participation. Numbers in thousands)

	Total	Employed		Median earnings		Mean earnings	
		Number	Percent	Value	Std. err.	Value	Std. err.
Both sexes	125,165	105,694	84.4	\$23,645	\$157	\$31,045	\$393
SEX							
Male	62,163	57,156	91.9	\$28,688	\$288	\$37,644	\$689
Female	63,001	48,538	77.0	\$18,886	\$184	\$23,273	\$250
AGE							
21 to 34 years	47,976	39,780	82.9	\$19,821	\$195	\$24,361	\$669
35 to 54 years	63,290	55,873	88.3	\$27,289	\$259	\$35,549	\$533
55 years and over	13,898	10,040	72.2	\$23,364	\$525	\$32,459	\$1,084
EDUCATION							
Not a high school grad	13,524	9,762	72.2	\$15,084	\$273	\$18,576	\$632
High school grad	38,517	31,944	82.9	\$20,122	\$228	\$23,596	\$244
Some college	39,254	33,579	85.5	\$22,908	\$254	\$27,403	\$360
College grad	33,869	30,408	89.8	\$35,819	\$373	\$46,895	\$1,240
RACE AND HISPANIC ORIGIN							
White	105,026	89,286	85.0	\$24,382	\$173	\$31,992	\$455
Not of Hispanic origin	92,371	79,474	86.0	\$25,474	\$196	\$33,115	\$490
Black	14,124	11,622	82.3	\$19,746	\$367	\$24,150	\$481
Other	6,014	4,785	79.6	\$21,284	\$654	\$30,104	\$1,339
Of Hispanic origin	13,699	10,583	77.3	\$17,146	\$288	\$22,758	\$1,077
MARITAL STATUS							
Married, spouse present	78,606	66,076	84.1	\$25,830	\$229	\$33,640	\$444
Never married	27,564	23,115	83.9	\$18,738	\$256	\$25,013	\$1,194
Other status	18,994	16,503	86.9	\$23,176	\$340	\$29,102	\$597
HEALTH INSURANCE COVERAGE							
Covered by health insurance	104,000	89,935	86.5	\$26,016	\$183	\$33,288	\$363
Private only	100,130	87,943	87.8	\$26,440	\$183	\$33,776	\$370
Employer provided	61,341	60,548	98.7	\$30,124	\$202	\$37,700	\$489
Covered by Medicare or Medicaid	3,870	1,991	51.5	\$9,099	\$530	\$11,714	\$570
Covered by Medicare	-	-	.	.	.	.	.
Both Medicare and Medicaid	-	-	.	.	.	.	.
Covered by Medicaid	3,870	1,991	51.5	\$9,099	\$530	\$11,714	\$570
Not covered by health insurance	21,165	15,759	74.5	\$13,370	\$210	\$18,243	\$1,613
RECEIPT OF SOCIAL SECURITY							
Received	2,019	718	35.6	\$7,726	\$723	\$10,955	\$1,462
Did not receive	123,145	104,975	85.2	\$23,766	\$157	\$31,182	\$396
RECEIPT OF ASSISTANCE							
Received assistance	3,336	1,705	51.1	\$8,301	\$484	\$11,391	\$1,038
Received SSI	-	-	.	.	.	.	.
Received other cash assistance	1,622	612	37.7	\$5,606	\$730	\$8,172	\$848
Received food stamps	2,976	1,517	51.0	\$8,176	\$526	\$11,218	\$1,138
Did not receive assistance	121,829	103,989	85.4	\$23,932	\$157	\$31,367	\$399