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**VOCATIONAL  
ECONOMICS,  
INC.**

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## Vocational Econometrics, Inc. CPS Data CD

This CD contains data from the Annual Demographic Survey, or March Supplement of the Current Population Survey, for the years 1992 - 2001. It is compiled by Vocational Econometrics, Inc. as part of its process in developing *The New Worklife Expectancy Tables, 2002 Edition* by Anthony M. Gamboa, Jr. The data on the CD is categorized in the table below (and divided into similar directories). The remainder of this document gives more detail on the contents of each category.

Directory	Description
CPS Public Use Data	Public use data files published by the Census Bureau with the accompanying data dictionaries.
Extracted CPS Data	Key variables extracted from the public use data files in Microsoft Access and comma delimited format.
Census Cross-Tabulations	Cross-tabulations of CPS disability data published by the Census Bureau.
Tables From 2002 WLE Publication	The worklife and related tables presented in <i>The New Worklife Expectancy Tables</i> .

### Raw Data

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A subdirectory for each year contains the public use data files published by the Census Bureau for that year along with the accompanying data dictionary. For 1999 forward a PDF (Adobe Acrobat) file is included with the CPS documentation for that year. All other files are in text format, but to use the data files, the user will need an extraction utility or the capability of programming the extraction process in the destination software.

Even if the raw data files are not used, the data dictionaries and documentation files should prove useful to any user of the CPS data. In most cases, the 2001 documentation (CPSMar01.pdf) will provide all the information needed, since the survey has remained remarkably stable over the ten years included.

### Extracted Data

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This contains key variables extracted from the public use data files in Microsoft Access and comma delimited format. The variables extracted include all those used to derive *The New Worklife Expectancy Tables*, and many more. By record type, these variables are documented in the following tables. (This documentation is extracted directly from the 2001 data dictionary.) In addition to these extracted variables all records carry an indicator of the source CPS year.

**Table 1 Extracted Household Table Variables**

Variable Name	Start Pos.	Var. Length	Description
H-SEQ	2	5	Household sequence number
HHPOS	7	2	Trailer portion of unique household ID. 00 for HH record. Same function in family record is field FFPOS (01-39) Same function in person record is PPPOS (41-79)
H-RESPNM	12	2	Line number of household respondent
H-HHTYPE	20	1	Type of household
H-NUMPER	21	2	Number of persons in household
HNUMFAM	23	2	Number of families in household
HG-REG	39	1	Region
HG-ST60	40	2	1960 Census State Code (First digit=Geog. Division Code)
HG-MSAC	44	4	MSA or PMSA FIPS code
HG-CMSA	53	2	Specific CMSA code (See Appendix E)
HWSVAL	91	7	Recode - HHLD income - Wages and Salaries
HSEVAL	99	7	Recode - HHLD income - self-employment income
HFRVAL	107	7	Recode - HHLD income - Farm income
HWCVAL	123	7	Recode - HHLD income - Worker's compensation
HDISVAL	169	7	Recode - HHLD income - Disability inc.
HTOTVAL	248	8	Recode - Total household income
HHINC	272	2	Household Income
HSUP-WGT	287	8	Final weight (2 implied decimal places)

**Table 2 Extracted Family Table Variables**

Variable Name	Start Pos.	Var. Length	Description
FH-SEQ	2	5	Household sequence number Matches H-SEQ for same household
FFPOS	7	2	Unique family identifier This field plus FH-SEQ results in a unique family number for the file. Same function in household record is field HHPOS (00).
FKIND	9	1	Kind of family
FPERSONS	11	2	Number of persons in family Primary families include related subfamily members
FHEADIDX	13	2	Index to person record of family head
FWIFEIDX	15	2	Index to person record of family wife
FHUSBIDX	17	2	Index to person record of family husband
FSPOUIDX	19	2	Index to person record of family spouse
FWSVAL	48	7	Family income - wages and salaries
FSEVAL	56	7	Family income - self employment income
FWCVAL	80	7	Family income - Worker's compensation
FINC-DIS	125	1	Disability payments
FTOTVAL	205	8	Total family income
FSUP-WGT	233	8	Householder or reference person weight (2 implied decimal)

**Table 3 Extracted Person Table Variables**

Variable Name	Start Pos.	Var. Length	Description
PH-SEQ	2	5	Household seq. number
PPPOS	7	2	Trailer portion of unique household 00 for HH record. Same function in family record is field FFPOS (01-39 Same function in person record is PPPOS (41-79)
A-LINENO	9	2	Item 18a - Line number
A-PARENT	11	2	Item 18c - Parent's line number
A-EXPRRP	13	2	Expanded relationship code
A-AGE	15	2	Item 18d – Age
A-MARITL	17	1	Item 18e - Marital status
A-SEX	20	1	Item 18g – Sex
A-HGA	22	2	Item 18h - Educational attainment
A-RACE	25	1	Item 18j – Race
P-STAT	26	1	Status of person identifier
HHDREL	34	1	Detailed household summary
PARENT	39	1	Family members under 18 (excludes reference person and spouse if under 18.)
MARSUPWT	66	8	March supplement final weight (2 implied decimal places)
A-USLFT	79	1	Does ... usually work 35 hrs or more week at this job (part 1)
A-IND	103	3	Industry See industry code Appendix A for list of legal codes
A-OCC	106	3	Occupation See occupation code Appendix B for list of legal codes
A-CLSWKR	109	1	Class of worker
A-NLFLJ	112	1	When did ... last work for pay at a regular job or business, either full time or part-time
A-USLHRS	128	2	How many hrs per week does ... usually work at this job?
A-ENRLW	142	1	Last week was ... attending or enrolled in a high school, college university
A-FTPT	144	1	Is ... enrolled in school as a full time or part-time student
A-WKSTAT	149	1	Full/part-time status
A-MJIND	155	2	Major industry code
A-MJOCC	159	2	Major occupation code
RSNNOTW	170	1	Item 32 - What was the main reason ... did not work in 2000
WSAL-VAL	243	6	Recode - Total wage and salary earn (combined amounts in ERN-VAL, if ERN-SRCE=1, and WS-VAL)
SEMP-VAL	256	6	ERN-YN = 1 or SEOTR = 1 Total own business self-employment earnings (combined amounts in ERN-V ERN-SRCE=2, and SE-VAL)
WC-YN	283	1	Item 53a - During 2000, did ... receive any worker's compensation payments other payments as a result of a job related injury or illness
VET-TYP1	311	1	Item 60c - Disability compensation
DIS-HP	343	1	Item 62b - Does ... have a health problem or a disability which prevents work or which limits the kind or am of work?
DIS-CS	344	1	Item 62c - Did ... retire or leave for health reasons
DIS-YN	345	1	Item 64b - Other than social security VA benefits did ... receive any in 2000 as a result of health problem

Variable Name	Start Pos.	Var. Length	Description
DIS-SC1	346	2	Item 64c - What was the source of Disability income - Source 1
DIS-SC2	348	2	Item 64c - Any other disability inc Disability income - Source 2 (See DIS-SC1 for sources of disability income)
DSAB-VAL	360	6	Recode total amount of disability inc. received (combined amounts in DIS-V and DIS-VAL2)
PTOTVAL	440	8	Recode - Total persons income (PEARNVAL and POTHVAL)
PEARNVAL	448	8	Recode - Total persons earnings (WSAL-VAL, SEMP-VAL, FRSE-VAL)
MCARE	469	1	Item 74b - Was ... covered by medicare
MCAID	470	1	Item 74d - Was ... covered by Medicaid
PEMLR	705	1	Major labor force recode
PENATVTY	722	3	In what country were you born? See Appendix H.
PEINUSYR	731	2	When did you come to the U.S. to stay
PRCITSHP	733	1	

## Microsoft Access File

Within the extracted CPS data directory, you will find a file named, “Extracted CPS Data.mdb.” This file is in Microsoft Access (2000) format, which is readable by many analyses packages, including Excel. Access data can be directly extracted<sup>1</sup> as an ODBC data source by configuring this file as a data source through your Windows Control Panel. If you have the Access software, you can analyze the data within Access or export it into a variety of formats accessible by almost any software (TXT, DBF, SAS, CSV, and others).

Within the Access file, you will find one table for each record type. For the ten years combined, there are more than 600,000 family and household records and 1,400,000 person records. To speed extraction and sorting, an index has been created for each of many critical fields. However, since there is a limit on the number of indices created in Access, some variables were excluded. You may wish to open the person table in design mode to confirm the variables you desire are indexed.

## Text Files

Also included in the extracted CPS directory is a file named, “Delimited Files.zip.” This is a compressed file that contains the CPS data described in the Microsoft Access File section above, but in comma delimited format. One file exists for each of the three record types, with the variable names included in quotes in the first line. These files may be imported into most statistical packages. However, please note the number of records

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<sup>1</sup> Note that extraction into Excel and many other software packages should include only a subset of the data. These files are too large to be imported into a single spreadsheet.

detailed in the Microsoft Access File section above. Files of this size may NOT be imported into a spreadsheet package.

## **Census Cross-Tabulations**

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The Census Bureau performs annual cross-tabulations of disability statistics by employment and earnings. This data is published on their web site at <http://www.census.gov/hhes/www/disable/disabcps.html>. This section of the CD contains all of the tables on this page as of the date of publication of the 2002 edition of *The New Worklife Expectancy Tables* for 1995-2001.

## **WLE Tables**

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The worklife and related tables presented in *The New Worklife Expectancy Tables* are replicated here in Microsoft Excel format for easy access. Each table from the publication is presented on a separate tab of a single spreadsheet. The incorporated data includes worklife expectancies, life survivors, PE rate summaries, and PE rate detail computations.