

THE 1986 NATIONAL HEALTH INTERVIEW SURVEY VITAMIN AND MINERAL SUPPLEMENT
PUBLIC USE TAPE

INTRODUCTION

Since 1957, the National Center for Health Statistics has conducted the National Health Interview (NHIS) annually. It includes a "core" set of questions on health-related variables which generally change little from year to year and one or more special health topics which vary annually. In 1986, the NHIS included questions about the use of vitamin and mineral supplements in the diets of American adults and young children. The 1986 Vitamin/Mineral Supplement Public Use Tape contains data from these questions as well as socio-demographic and health items obtained about the sample person from the NHIS core questionnaire.

The NHIS is a personal interview household survey using a nationwide sample of the civilian, noninstitutionalized population of the United States. The sample is chosen in such a way that each person included has a known non-zero probability of selection. These probabilities of selection along with adjustments for nonresponse and poststratification are reflected in the sample weights which are provided on the Public Use Tape.

Use of Sample Weights

Since the NHIS uses a multistage sample designed to represent the civilian noninstitutionalized population of the United States, it is necessary to utilize the person's basic weight for proper analysis of the data. In addition to the design and ratio adjustments included in the person basic weight, the person weight is further modified depending on the variable selected (e.g., 2-week bed days), the length of the recall period, and the period of time for which the estimate is to be made.

The chronic condition prevalence factor, however, does not incorporate the person weight. It adjusts the sample for distributional variations (age, sex, race) within the one-sixth subsample of persons who are asked one of six chronic condition lists. It must be multiplied by the person weight to create prevalence estimates of chronic conditions.

Sample Design, Variance Estimation, and Hypothesis Testing

The data collected in the National Health Interview Survey (NHIS) are obtained through a complex sample design involving both clustering and stratification. Because of the complex design and the ratio adjustments applied to the sample weights, the direct application of standard statistical analysis methods for variance estimation and hypothesis testing may yield misleading results.

There are computer programs available which provide the capability of variance estimation for complex sample designs. The balanced repeated replication approach(1) is utilized in *REPERR-&PSALMS-OSIRIS.IV(2) to calculate the variance-covariance matrix. SESUDAAN(3) and SURREGR,(4) are programs that calculate the variance-covariance matrix using the linearization approach(5) (Taylor series expansion).

1 In order to provide the user with the capability of estimating the complex sample variances in the NHIS data using the above procedures, substratum and Strata and Pseudo Primary Sampling Unit (PSU) codes are provided in positions (184) and (187-189). These variables and the sample weights are necessary for the calculation of variances.

Even though the overall number of persons in this survey is quite large for statistical inference purposes, subclass analyses can lead to estimators that are unreliable. Consequently, analyses of subclasses require that the user pay particular attention to the coefficient of variation for the estimates of means, proportions, and totals. In addition, small sample sizes, or a small number of PSU'S used in the variance calculations may produce unstable estimates of the variances using the above computer programs.

Construction of the 1986 Vitamin/Mineral Supplement Public Use Data Tape

Data from the 1986 Vitamin-Mineral NHIS Questionnaire have been organized into one file. However, the contents of each record that comprises the file differs depending on a) whether the sample person reported using any vitamin and/or mineral products during the 2 week period prior to the interview, and b) the number of individual products taken. Every sample person may have from one to twelve Vitamin-Mineral records. Accordingly, the Vitamin-Mineral Data Tape File is constructed as follows:

*There is at least one Vitamin-Mineral record for every sample child and adult that was interviewed about their use of vitamin and mineral products. The total sample for this file consists of 13,652 persons that were interviewed during the first two quarters of 1986. For this sample, one adult 18 years of age or older and one child 2 to 6 years of age, if there were any children these ages in the family, was randomly selected from each family interviewed on the basic NHIS.

*The "first" Vitamin-Mineral record for a sample person (i.e. location 17-18= 01) contains the following items: selected household, demographic and health information obtained from the NHIS core questionnaire (locations 22-200), sample person and other weights (locations 201-287), information from the Vitamin-Mineral questionnaire about the sample person and their use of vitamin-mineral products in the past 2 weeks (locations 336, 617-643 and 650-891), and information about the first vitamin-mineral product reported for sample persons taking at least one such product (locations 339-616, 644-649, and 892-894).

*All subsequent Vitamin-Mineral records for a sample person (location 17-18= 02-12) contain product specific information for vitamin-mineral products 2 thru 12 that were reported by sample persons using more than one vitamin-mineral product. In addition to the vitamin-mineral product-specific information about each individual product on these records (locations 339-616, 644-649, and 892-894), it also contains the same household, demographic and health information and sample person and other weights (location 22-287) that are included on the sample person's "first"

Vitamin-Mineral record. However, unlike the "first" record, no information about the sample person's use of vitamin-mineral products in the past 2 weeks is included (i.e. locations 336, 617-643 and 650-891= blank). The Vitamin-Mineral Supplement file contains 3,764 records of this type.

1 Note that all Vitamin-Mineral Product records for a sample person
 have the same unique identification number. This number is located in locations
 5-16 on every record in this file

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REFERENCES

- (1) National Center for Health Statistics: Replication an Approach to the Analysis of Data from Complex Surveys by P.J. McCarthy. Vital and Health Statistics Series 2, No. 14. DHEW Pub. No. (PHS) 79-1269. Public Health Service. Washington, D.C. U.S. Government Printing Office, 1966.
- (2) Survey Research Center Computer Support Group, OSIRIS IV User's Manual, Institute for Social Research, 1979.
- (3) B.V. Shah, "SESUDAAN: Standard Errors Program for Computing of Standardized Rates from Sample Survey Data." Research Triangle Institute, Research Triangle Park, N.C., RTI/5250-00-0IS, April 1981.
- (4) Mary Margaret Holt (revised April 1982 by B.V. Shah), "SURREGR: Standard Errors of Regression Coefficients from Sample Survey Data." Research Triangle Institute, Research Triangle Park, N.C., May 1977.
- (5) Woodruff, R.S.: A Simple Method for Approximating the Variance of a Complicated Estimate. JASA 66:411-414, 1971.

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VM-1

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT

PUBLIC USE FILE

NUMBER OF RECORDS = 17,406

Tape Locations	Item No.	Frequency	Items and Codes
1-2	-	17,406	RECORD TYPE 11. Vitamin/Mineral Record
3-4	-		PROCESSING YEAR 86. 1986
5	-		PROCESSING QUARTER

9,032	1. Quarter 1
8,374	2. Quarter 2
0	3. Quarter 3
0	4. Quarter 4

6-8	HH-5	RANDOM RECODE OF PSU NUMBER
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9-10	HH-5	WEEK - CENSUS CODE*
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1,159	01, 21, 41, 61, 81 ... Week 01
1,323	02, 22, 42, 62, 82 ... Week 02
1,508	03, 23, 43, 63, 83 ... Week 03
1,552	04, 24, 44, 64, 84 ... Week 04
1,191	05, 25, 45, 65, 85 ... Week 05
1,196	06, 26, 46, 66, 86 ... Week 06
1,354	07, 27, 47, 67, 87 ... Week 07
1,379	08, 28, 48, 68, 88 ... Week 08
1,394	09, 29, 49, 69, 89 ... Week 09
1,452	10, 30, 50, 70, 90 ... Week 10
1,329	11, 31, 51, 71, 91 ... Week 11
1,302	12, 32, 52, 72, 92 ... Week 12
1,267	13, 33, 53, 73, 93 ... Week 13

*This code represents the initial week of assignment. The interview may be reassigned for administrative purposes. See locations 19-20 for the code which reflects the actual week assigned for conducting the interview. No interviews were conducted during weeks 01 and 02 of Quarter 1. The sample households for the two weeks were reassigned to weeks 03-13 of Quarter 1.

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1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape	Locations	Item No.	Frequency	Items and Codes
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11-12	HH-5	SEGMENT NUMBER
		Week plus Segment Number identifies the segment

13-14	HH-5	HOUSEHOLD NUMBER
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Numbered within PSU-Week-Segment

15-16	-	PERSON NUMBER
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17-18	-	PRODUCT SERIAL NUMBER
		01-12. Product Record Number

19-20	HH-5	WEEK CODE (Numbered within Quarter)
	544	Week 01. 01, 21, 41, 61, 81
	637	Week 02. 02, 22, 42, 62, 82
	1,535	Week 03. 03, 23, 43, 63, 83
	1,784	Week 04. 04, 24, 44, 64, 84
	1,403	Week 05. 05, 25, 45, 65, 85
	1,373	Week 06. 06, 26, 46, 66, 86
	1,518	Week 07. 07, 27, 47, 67, 87
	1,434	Week 08. 08, 28, 48, 68, 88
	1,471	Week 09. 09, 29, 49, 69, 89
	1,519	Week 10. 10, 30, 50, 70, 90
	1,426	Week 11. 11, 31, 51, 71, 91
	1,435	Week 12. 12, 32, 52, 72, 92
	1,327	Week 13. 13, 33, 53, 73, 93

21 BLANK

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1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape	Item No.	Frequency	Items and Codes
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22-23	HH-10d		TYPE OF LIVING QUARTERS:
			Housing Unit = (00-07)
		64	00. Housing unit; kind unknown
		16,194	01. House, apartment, flat
		12	02. HU in nontransient hotel, motel, etc.
		7	03. HU-permanent in transient hotel,

		motel, etc.
16	04.	HU in rooming house
807	05.	Mobile home or trailer with no permanent room added
101	06.	Mobile home or trailer with one or more permanent rooms added
12	07.	HU not specified above

Other Unit = (08-13)

6	08.	Quarters not HU in rooming or boarding house
0	09.	Unit not permanent in transient hotel, motel, etc.
3	10.	Unoccupied site for mobile home, trailer, or tent
169	11.	Student quarters in college dormitory
10	12.	Other unit not specified above
5	13.	Other unit; kind unknown

24	HH-11		HAS TELEPHONE
		15,524	1. Yes, phone number given
		556	2. Yes, no phone number given
		1,266	3. No
		60	4. Unknown

25	A-1		SEX
		7,133	1. Male
		10,273	2. Female

26	-		BLANK
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1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
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27-28	Person Column		AGE
		0	00. Under 1 year

34-35

MONTH

- | | |
|--------------|-------------------|
| 01. January | 07. July |
| 02. February | 08. August |
| 03. March | 09. September |
| 04. April | 10. October |
| 05. May | 11. November |
| 06. June | 12. December |
| | 99. DK or refused |

36-39

YEAR OF BIRTH

- | | |
|------------|---------------|
| 1800-1899. | 1800-1899 |
| 1900-1987. | 1900-1987 |
| 9999. | DK or refused |

40-41

BLANK

42 L-3

MAIN RACIAL BACKGROUND - Reported

- | | |
|--------|--------------------------------------|
| 163 | 1. Aleut, Eskimo, or American Indian |
| 277 | 2. Asian/Pacific Islander |
| 2,183 | 3. Black |
| 14,508 | 4. White |
| 185 | 5. Other |
| 17 | 6. Multiple race |
| 73 | 7. Unknown |

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1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape			
Locations	Item No.	Frequency	Items and Codes

43-45

Recode

RACE RECODES

43

RECODE 1

- | | |
|--------|----------|
| 14,755 | 1. White |
| 2,206 | 2. Black |
| 445 | 3. Other |

44

RECODE 2

- | | |
|--------|----------|
| 14,755 | 1. White |
|--------|----------|

		2,651	2. Non-white
45			RECODE 3
		2,206	1. Black
		15,200	2. Non-black

46-47	L-4		HISPANIC ORIGIN
		13	00. Multiple Hispanic
		103	01. Puerto Rican
		69	02. Cuban
		195	03. Mexican-Mexicano
		289	04. Mexican-American
		14	05. Chicano
		97	06. Other Latin American
		176	07. Other Spanish
		42	08. Spanish, DK type
		82	09. Unknown if Spanish origin
		16,326	10. Not Spanish origin

48	L-7		MARITAL STATUS
		2,014	0. Under 14 years
		8,099	1. Married - spouse in household
		172	2. Married - spouse not in household
		1,848	3. Widowed
		1,711	4. Divorced
		490	5. Separated
		3,042	6. Never married
		30	7. Unknown

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1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape	Locations	Item No.	Frequency	Items and Codes
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49	L-1		VETERAN STATUS
		12,925	1. Non-veteran
		13	2. WW I
		766	3. WW II
		349	4. Korean War
		650	5. Vietnam veteran

148	6. Post-Vietnam
363	7. Other service
74	8. Served in Armed Forces, unknown if war veteran
104	9. Unknown if served in Armed Forces
2,014	Blank. Under 18 years of age

50	L-1	ACTIVE GUARD/RESERVE STATUS FOR PERSONS ON ACTIVE DUTY IN ARMED FORCES
12,925	0.	Non-veteran
201	1.	All service in Guard/Reserve
387	2.	Some service in Guard/Reserve
3	3.	Unknown if all service in Guard/Reserve
1,658	4.	No active service in Guard/Reserve
218	5.	Unknown if ever active member in Guard/Reserve or served in Armed Forces
2,014	Blank.	Under 18 years of age

51-52	L-2	EDUCATION OF INDIVIDUAL - COMPLETED YEARS
846	00.	Never attended; kindergarten only
9,101	01-12.	Grades 1-12
		College:
1,128	13.	1 year
1,492	14.	2 years
541	15.	3 years
1,659	16.	4 years
422	17.	5 years
901	18.	6 years or more
118	19.	Unknown
1,198	Blank.	Under 5 years of age

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VM-8

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
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53	Recode	EDUCATION OF INDIVIDUAL RECODE	
		846	0. None; kindergarten only

1,597	1. 1-8 years (elementary)
1,862	2. 9-11 years (high school)
5,642	3. 12 years (high school graduate)
3,161	4. 1-3 years (college)
1,659	5. 4 years (college graduate)
1,323	6. 5+ years (post-college)
118	7. Unknown
1,198	Blank. Under 5 years of age

54-55
FAMILY

-

HIGHEST EDUCATION OF RESPONSIBLE ADULT

MEMBER - (Detail)

39	00. Never attended; kindergarten only
9,003	01-12. Grades 1-12

College:

1,311	13. 1 year
1,800	14. 2 years
702	15. 3 years
2,392	16. 4 years
614	17. 5 years
1,454	18. 6 years or more
91	19. Unknown

56
FAMILY

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HIGHEST EDUCATION OF RESPONSIBLE ADULT

MEMBER - Recode

39	0. None; kindergarten only
1,161	1. 1-8 years (elementary)
1,709	2. 9-11 years (high school)
6,133	3. 12 years (high school graduate)
3,813	4. 1-3 years (college)
2,392	5. 4 years (college graduate)
2,068	6. 5+ years (post-college)
91	7. Unknown

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1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape	Locations	Item No.	Frequency	Items and Codes
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57

L-8

FAMILY INCOME \$20,000 OR MORE

7,697	1. Less than \$20,000
9,210	2. \$20,000 or more
499	3. Unknown

58-59

L-8

FAMILY INCOME

167	00. Less than \$1,000
212	01. \$ 1,000 - \$ 1,999
256	02. 2,000 - 2,999
311	03. 3,000 - 3,999
390	04. 4,000 - 4,999
435	05. 5,000 - 5,999
395	06. 6,000 - 6,999
363	07. 7,000 - 7,999
337	08. 8,000 - 8,999
351	09. 9,000 - 9,999
505	10. 10,000 - 10,999
306	11. 11,000 - 11,999
452	12. 12,000 - 12,999
292	13. 13,000 - 13,999
263	14. 14,000 - 14,999
400	15. 15,000 - 15,999
280	16. 16,000 - 16,999
326	17. 17,000 - 17,999
341	18. 18,000 - 18,999
489	19. 19,000 - 19,999
1,590	20. 20,000 - 24,999
1,583	21. 25,000 - 29,999
1,401	22. 30,000 - 34,999
941	23. 35,000 - 39,999
769	24. 40,000 - 44,999
642	25. 45,000 - 49,999
1,631	26. \$50,000 and over
1,978	27. Unknown

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VM-10

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape

Locations

Item No.

Frequency

Items and Codes

60

Recode

FAMILY INCOME RECODE

1,336	0. Under \$5,000
830	1. \$ 5,000 - \$ 6,999
1,051	2. 7,000 - 9,999
1,818	3. 10,000 - 14,999

1,836	4.	15,000 - 19,999
1,590	5.	20,000 - 24,999
2,984	6.	25,000 - 34,999
2,352	7.	35,000 - 49,999
1,631	8.	\$50,000 or more
1,978	9.	Unknown

61	Generated	NHIS POVERTY INDEX*
		1. Above poverty threshold
		2. Below poverty threshold
		3. Unknown

62-63		FAMILY RELATIONSHIP
62	A-2	TYPE OF FAMILY
		&. Primary individual
		-. Secondary individual
		0. Primary family
		1-9. Secondary family

63	A-2	RELATIONSHIP TO REFERENCE PERSON
		&. Reference person, living alone
		0. Reference person, 2+ persons in household
		1. Spouse, other spouse NOT in Armed Forces and living at home
		2. Spouse, other spouse IN Armed Forces and living at home
		3. Child of reference person or spouse
		4. Grandchild of reference person or spouse
		5. Parent of reference person or spouse
		6. Other relative
		7. Child of military family with no eligible reference person
		9. DK or refused

*Based on family size, number of children under 18 years of age & family income using the 1985 poverty levels derived from the August, 1986 Current Population Survey.

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VM-11

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape			
Locations	Item No.	Frequency	Items and Codes

64	Recode		FAMILY RELATIONSHIP RECODE
		3,990	1. Living alone
		697	2. Living only with non-relative
		8,088	3. Living with spouse
		4,631	4. Living with relative - other
65-66	Generated		SIZE OF FAMILY*
			Unrelated individuals are coded 01
67	Generated		SIZE OF FAMILY RECODE
			1-8. Number of members
			9. 9+ members
68	A-2		PARENT/OTHER ADULT RELATIVE (under 25 years old and never married)
		1,704	1. Both parents, no other relative
		475	2. Mother only
		34	3. Father only
		142	4. Both parents and other 21+ year old adult relative
		140	5. Mother and other 21+ year old adult relative
		9	6. Father and other 21+ year old adult relative
adult		56	7. No parent, but one 21+ year old relative
		33	8. No parent, but two or more 21+ year old adult relatives
		86	9. Unknown
		656	0. Other
ever		14,071	Blank. Not applicable (25+ years old or married)

*Count includes spouse in military but living at home.

Tape Locations	Item No.	Frequency	Items and Codes
69	B-1 B-8		MAJOR ACTIVITY (18+ years old)
		8,984	1. Working
		3,497	2. Keeping house
		840	3. Going to school
		1,963	4. Something else
		108	5. Unknown
		2,014	Blank. Not applicable (Under 18 years)
70	G-4		HEALTH STATUS
		6,357	1. Excellent
		4,839	2. Very Good
		4,028	3. Good
		1,509	4. Fair
		599	5. Poor
		74	6. Unknown
71	Recode		ACTIVITY LIMITATION STATUS - (all ages)
		855	1. Unable to perform major activity
activity		1,097	2. Limited in kind/amount major
		1,070	3. Limited in other activities
		14,384	4. Not limited (includes unknowns)
72	Recode		ACTIVITY LIMITATION STATUS MEASURED BY "ABILITY TO WORK" (18-69 years)
		850	1. Unable to work
		711	2. Limited in kind/amount of work
		622	3. Limited in other activities
		11,146	4. Not limited (includes unknowns)
		4,077	Blank. Not applicable (under 18 years, 70+ years)
73	B-11		LIMITATION OF SCHOOL ACTIVITIES (5-17 years)
		5	1. Unable to attend school
		15	2. Attends special school/classes
		4	3. Needs special school/classes
		2	4. Limited in school attendance
		14	5. Limited in other activities
		776	6. Not limited (includes unknowns)
		16,590	Blank. Not applicable (Under 5 years or 18+ years)

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VM-13

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
74 old	B-14		NEEDS HELP WITH PERSONAL CARE (5-59 years and limited, or age 60-69 years)*
needs		94	1. Unable to perform personal care
		250	2. Limited in performing other routine needs
or		3,118	3. Not limited in performing personal routine needs
		76	4. Unknown
		13,868	Blank. Not applicable (Under 5 years; 5-59 years not limited; 70+ years old)
75 years)	D-1		EMPLOYMENT STATUS IN PAST 2 WEEKS (18+
			In the Labor Force: (1-7)
			Currently employed: (1-3)
off		9,241	1. Worked in past 2 weeks
		187	2. Did not work, has job; not on lay- and not looking for work
		9	3. Did not work, has job; looking for work
			Unemployed: (4-7)
		19	4. Did not work, has job; on lay-off
and		1	5. Did not work, has job; on lay-off looking for work
		95	6. Did not work, has job; unknown if looking or on lay-off
		441	7. Did not work, no job; looking for work or on lay-off

Not in Labor Force (18+ years): (8)

5,399 8. Not in Labor Force (18+ years)
2,014 Blank. Not applicable (Under 18 years old)

*For persons 70+ years, codes 1 and 2 in loc. 71 correspond to codes 1 and 2 in loc. 74.

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1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
76	L-6		CLASS OF WORKER
		5,399	0. Not in labor force
		6,984	1. Private company
		315	2. Federal Government employee
		447	3. State Government employee
		812	4. Local Government employee
		278	5. Incorporated business
		970	6. Self-employed
		20	7. Without pay
		30	8. Never worked
		137	9. Unknown
		2,014	Blank. Under 18 years old
77-79	L-6		INDUSTRY DETAIL CODE
		9,993	010-996. Code number
		7,413	Blank. Not applicable
80-81	Recode		INDUSTRY RECODE 1
			SEE APPENDIX B
82-83	Recode		INDUSTRY RECODE 2
			SEE APPENDIX B

84-86	L-6		OCCUPATION DETAIL CODE
		9,993	003-999. Code number
		7,413	Blank. Not applicable

87-88	Recode		OCCUPATION RECODE 1
			SEE APPENDIX C

89-90	Recode		OCCUPATION RECODE 2
			SEE APPENDIX C

1			VM-15
			1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
			PUBLIC USE FILE

	Tape		
	Locations	Item No.	Frequency
			Items and Codes

91	L-R		RESPONDENT FOR CORE QUESTIONNAIRE
		2,014	0. Under 17
		11,859	1. Self-entirely
		915	2. Self-partly
		2,538	3. Proxy
		80	4. Unknown

92	Recode		CONDITION LIST ASSIGNED AND ASKED
		2,911	1. Condition List 1, Skin and musculoskeletal
		2,975	2. Condition List 2, Impairments
		2,842	3. Condition List 3, Digestive
		2,877	4. Condition List 4, Miscellaneous
		2,911	5. Condition List 5, Circulatory
		2,806	6. Condition List 6, Respiratory
		84	7. Unknown

93-94	G-5		HEIGHT WITHOUT SHOES (18+ years)
			36-98. Number of inches
			99. Unknown

Blank. Under 18 years of age

95-97	G-5	WEIGHT WITHOUT SHOES (18+ years)
		050-500. Number of pounds
		501. Unknown
		Blank. Under 18 years of age

98-99	Recode	TOTAL RESTRICTED ACTIVITY DAYS IN PAST TWO WEEKS
	15,271	00. None
	2,135	01-14. Days

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VM-16

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
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100-101	D-4		BED DAYS IN PAST TWO WEEKS
		16,126	00. None
		1,280	01-14. Days

102-103	D-2		WORK-LOSS DAYS IN PAST TWO WEEKS
		16,758	00. None
		648	01-14. Days

104-105	D-3		SCHOOL-LOSS DAYS IN PAST TWO WEEKS
		17,306	00. None
		100	01-14. Days

106-107	D-6		OTHER DAYS OF RESTRICTED ACTIVITY IN PAST TWO WEEKS
		16,278	00. None

1,128 01-14. Days

108-110	G-2		BED DAYS IN PAST 12 MONTHS
		9,005	000. None
		8,270	001-365. 1-365 days
		131	366. Unknown

111	Recode		BED DAYS IN PAST 12 MONTHS - Recode
		9,005	0. None
		6,042	1. 1-7 days
		1,699	2. 8-30 days
		446	3. 31-180 days
		83	4. 181-365 days
		131	5. Unknown

1 VM-17

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
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112-114	G-3		DOCTOR VISITS IN PAST 12 MONTHS
		3,942	000. None
		13,408	001-996. Visits
		0	997. 997+ visits
		56	998. Unknown

115	G-3		INTERVAL SINCE LAST DOCTOR VISIT
		16	0. Never
		13,568	1. Less than 1 year
		1,490	2. 1 to less than 2 years
		1,512	3. 2 to less than 5 years
		647	4. 5 years or more
		173	5. Unknown

116-117	Generated		NUMBER OF CONDITIONS
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118-119	Generated	NUMBER OF ACUTE INCIDENCE CONDITIONS
120-121	Generated	NUMBER OF TWO-WEEK DOCTOR VISITS
122-123	Generated	NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS
124-126	Generated	SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS
127-128	Generated	NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS EXCLUDING DELIVERY*
129-131	Generated	SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS EXCLUDING DELIVERY*

*Based on operation codes and reason entered hospital.

1

VM-18

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
132-133	Generated		NUMBER OF SHORT-STAY HOSPITAL DISCHARGES IN PAST 6 MONTHS
134-136 PAST	Generated		NUMBER OF DAYS IN SHORT-STAY HOSPITAL IN 12 MONTHS FOR DISCHARGES IN PAST 6 MONTHS
137-138	Generated		NUMBER OF SHORT-STAY HOSPITAL DISCHARGES IN PAST 6 MONTHS EXCLUDING DELIVERY*

139-141	Generated		NUMBER OF DAYS IN SHORT-STAY HOSPITAL IN 12 MONTHS FOR DISCHARGES IN PAST 6 MONTHS EXCLUDING DELIVERY*
<hr/>			

142-175	-	-	BLANK
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176-181	-	-	BASIC WEIGHT BEFORE AGE-SEX-RACE ADJUSTMENT (XXXXXX)
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182	Master Record		REGION
		3,575	1. Northeast
		4,241	2. Midwest
		5,783	3. South
		3,807	4. West

183	Master Record		GEOGRAPHIC DISTRIBUTION
			MSA Size
		7,209	1. 1,000,000 or more
		4,758	2. 250,000 - 999,999
		970	3. 100,000 - 249,999
		391	4. Under 100,000
		4,078	Blank. Non-MSA

184	Master Record		TYPE OF SUBSTRATUM
		1,333	0. Permit
		1,494	1. Area, oversampled for blacks
		14,579	2. Area, not oversampled for blacks

*Based on operation codes and reason entered hospital.

1 VM-19

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape	Locations	Item No.	Frequency	Items and Codes
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185	Master Record		TYPE OF PSU
		9,402	1. MSA - Self-representing
		3,926	3. MSA - Nonself-representing
		15	4. Non-MSA - Self-representing
		4,063	6. Non-MSA - Nonself-representing
186	Recode		MSA - NON-MSA RESIDENCE
		5,996	1. MSA - Central City
		7,332	2. MSA - Not Central City
		3,887	3. Non-MSA - Nonfarm
		191	4. Non-MSA - Farm
187-189			PSEUDO PSU CODES
190-200			CHRONIC CONDITION PREVALENCE AND INCIDENCE
with			FACTOR (XX.XXXXXXXXXX) - character format
			implied decimal
201-206			FINAL BASIC WEIGHT
207-213			TWO WEEK WEIGHT
214-224			BLANK
225-233			ESTIMATED RESTRICTED ACTIVITY DAYS IN PAST 2 WEEKS
234-242			ESTIMATED BED DAYS IN PAST 2 WEEKS
243-251			ESTIMATED WORK-LOSS DAYS IN PAST 2 WEEKS
252-260			ESTIMATED SCHOOL-LOSS DAYS IN PAST 2 WEEKS

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
261-269			ESTIMATED DOCTOR VISITS IN PAST 12 MONTHS
270-278			ESTIMATED SHORT-STAY HOSPITAL EPISODE DAYS IN PAST 12 MONTHS
279-287			ESTIMATED NUMBER OF SHORT-STAY HOSPITAL EPISODES IN PAST 12 MONTHS
288-335			BLANK
336	1		VITAMINS/MINERALS USED IN PAST 2 WEEKS
		5,667	1. Yes
		7,969	2. No
		16	3. Unknown
		3,754	BLANK. (Not Product Record Number 01)
337-338			BLANK
339	5		PRODUCT CONTAINS VITAMIN A
		3,941	1. Yes
		5,207	2. No
		273	3. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
340-348	5		QUANTITY IN I.U.
		0	00000000 Trace

	000000001-
3,508	999999998 Amount
433	999999999 Unknown
13,465	Blank. Not applicable (4 implied decimal places)

1

VM-21

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
349	5		PRODUCT CONTAINS VITAMIN D
		4,173	1. Yes
		4,975	2. No
		273	3. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
350-358	5		QUANTITY IN I.U.
		0	000000000 Trace
		3,767	000000001- 999999998 Amount
		406	999999999 Unknown
		13,233	Blank. Not applicable (4 implied decimal places)
359	5		PRODUCT CONTAINS VITAMIN E
		4,475	1. Yes
		4,673	2. No
		273	3. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
360-368	5		QUANTITY IN I.U.
		0	000000000 Trace
		3,990	000000001- 999999998 Amount
		485	999999999 Unknown
		12,931	Blank. Not applicable

(4 implied decimal places)

1

VM-22

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
369	5		PRODUCT CONTAINS VITAMIN C
		5,665	1. Yes
		3,483	2. No
		273	3. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
370-378	5		QUANTITY IN MG.
		0	000000000 Trace
			000000001-
		5,050	999999998 Amount
		615	999999999 Unknown
		11,741	Blank. Not applicable (4 implied decimal places)
379	5		PRODUCT CONTAINS FOLIC ACID
		3,989	1. Yes
		5,159	2. No
		273	3. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
380-388	5		QUANTITY IN MCG.
		0	000000000 Trace
			000000001-
		3,532	999999998 Amount
		457	999999999 Unknown
		13,417	Blank. Not applicable (4 implied decimal places)

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
389	5		PRODUCT CONTAINS THIAMINE (B-1)
		4,477	1. Yes
		4,671	2. No
		273	3. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
390-398	5		QUANTITY IN MG.
		0	000000000 Trace
			000000001-
		4,003	999999998 Amount
		474	999999999 Unknown
		12,929	Blank. Not applicable (4 implied decimal places)
399	5		PRODUCT CONTAINS RIBOFLAVIN (B-2)
		4,449	1. Yes
		4,699	2. No
		273	3. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
400-408	5		QUANTITY IN MG.
		0	000000000 Trace
			000000001-
		3,978	999999998 Amount
		471	999999999 Unknown
		12,957	Blank. Not applicable (4 implied decimal places)

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
409	5		PRODUCT CONTAINS NIACIN
		4,427	1. Yes
		4,721	2. No
		273	3. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
410-418	5		QUANTITY IN MG.
		0	000000000 Trace
			000000001-
		3,954	999999998 Amount
		473	999999999 Unknown
		12,979	Blank. Not applicable (4 implied decimal places)
419	5		PRODUCT CONTAINS VITAMIN B-6
		4,518	1. Yes
		4,630	2. No
		273	3. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
420-428	5		QUANTITY IN MG.
		0	000000000 Trace
			000000001-
		4,045	999999998 Amount
		473	999999999 Unknown
		12,888	Blank. Not applicable (4 implied decimal places)
1			VM-25
			1986 VITAMIN/MINERAL INTAKE SUPPLEMENT PUBLIC USE FILE
Tape Locations	Item No.	Frequency	Items and Codes

429	5		PRODUCT CONTAINS VITAMIN B-12
		4,455	1. Yes
		4,693	2. No
		273	3. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
430-438	5		QUANTITY IN MCG.
		0	000000000 Trace
			000000001-
		3,970	999999998 Amount
		485	999999999 Unknown
		12,951	Blank. Not applicable (4 implied decimal places)

439	5		PRODUCT CONTAINS BIOTIN
		2,326	1. Yes
		6,822	2. No
		273	3. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
440-448	5		QUANTITY IN MCG.
		0	000000000 Trace
			000000001-
		2,215	999999998 Amount
		111	999999999 Unknown
		15,080	Blank. Not applicable (4 implied decimal places)

1

VM-26

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape	Locations	Item No.	Frequency	Items and Codes
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				PRODUCT CONTAINS PANTOTHENIC ACID
449		5		

3,090	1. Yes
6,058	2. No
273	3. Unknown
7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks

450-458 5

QUANTITY IN MG.

0	000000000 Trace
	000000001-
2,936	999999998 Amount
154	999999999 Unknown
14,316	Blank. Not applicable (4 implied decimal places)

459 5

PRODUCT CONTAINS
CALCIUM

3,014	1. Yes
6,134	2. No
273	3. Unknown
7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks

1

VM-27

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape	Locations	Item No.	Frequency	Items and Codes
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460-461 5

COMPOUND

2,541	00. None listed
0	02. Aspartate
258	04. Carbonate
1	05. Chloride
2	06. Citrate
0	07. Fumarate
14	08. Gluconate
0	09. Glycerophosphate
1	10. Hydroxide
0	11. Iodate
1	12. Iodide
15	13. Lactate
1	14. Oxide
162	15. Phosphate

5 16. Pyrophosphate
 11 18. Sulfate
 2 19. Unknown
 14,392 Blank. Not applicable

462-470 5

QUANTITY IN MG.

0 000000000 Trace
 000000001-
 2,798 999999998 Amount
 216 999999999 Unknown
 14,392 Blank. Not applicable
 (4 implied decimal places)

1

VM-28

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
 PUBLIC USE FILE

Tape

Locations

Item No.

Frequency

Items and Codes

471

5

PRODUCT CONTAINS
 PHOSPHORUS

1,375 1. Yes
 7,773 2. No
 273 3. Unknown
 7,985 Blank. No or unknown if vitamin/mineral is
 taken in past 2 weeks

472-473

5

COMPOUND

1,257 00. None listed
 1 05. Chloride
 1 12. Iodide
 0 14. Oxide
 0 17. Sodium
 116 19. Unknown
 16,031 Blank. Not applicable

474-482

5

QUANTITY IN MG.

0 000000000 Trace
 000000001-
 1,321 999999998 Amount
 54 999999999 Unknown
 16,031 Blank. Not applicable
 (4 implied decimal places)

1

VM-29

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
483	5		PRODUCT CONTAINS IODINE
		2,019	1. Yes
		7,129	2. No
		273	3. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
484-485	5		COMPOUND
		1,873	00. None listed
		0	05. Chloride
		4	14. Oxide
		0	17. Sodium
		142	19. Unknown
		15,387	Blank. Not applicable
486-494	5		QUANTITY IN MCG.
		0	000000000 Trace
			000000001-
		1,927	999999998 Amount
		92	999999999 Unknown
		15,387	Blank. Not applicable (4 implied decimal places)

1

VM-30

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
495	5		PRODUCT CONTAINS IRON
		3,115	1. Yes

6,033	2.	No
273	3.	Unknown
7,985	Blank.	No or unknown if vitamin/mineral is taken in past 2 weeks

496-497 5

COMPOUND	
2,567	00. None listed
0	02. Aspartate
0	04. Carbonate
0	05. Chloride
1	06. Citrate
368	07. Fumarate
73	08. Gluconate
0	09. Glycerophosphate
0	10. Hydroxide
0	11. Iodate
1	12. Iodide
0	13. Lactate
2	14. Oxide
0	15. Phosphate
1	16. Pyrophosphate
95	18. Sulfate
7	19. Unknown
14,291	Blank. Not applicable

498-506 5

QUANTITY IN MG.	
0	000000000 Trace
	000000001-
2,895	999999998 Amount
220	999999999 Unknown
14,291	Blank. Not applicable (4 implied decimal places)

1

VM-31

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape	Locations	Item No.	Frequency	Items and Codes
507		5		PRODUCT CONTAINS MAGNESIUM
			2,300	1. Yes
			6,848	2. No
			273	3. Unknown
			7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks

508-509	5		COMPOUND
		1,863	00. None listed
		0	02. Aspartate
		0	03. Bitartrate
		26	04. Carbonate
		2	05. Chloride
		2	06. Citrate
		0	07. Fumarate
		22	08. Gluconate
		10	10. Hydroxide
		0	11. Iodate
		5	12. Iodide
		0	13. Lactate
		346	14. Oxide
		1	15. Phosphate
		1	16. Pyrophosphate
		17	18. Sulfate
		5	19. Unknown
		15,106	Blank. Not applicable

510-518	5		QUANTITY IN MG.
		0	000000000 Trace
			000000001-
		2,193	999999998 Amount
		107	999999999 Unknown
		15,106	Blank. Not applicable (4 implied decimal places)

1

VM-32

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
519	5		PRODUCT CONTAINS COPPER
		1,894	1. Yes
		7,254	2. No
		273	3. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
520-521	5		COMPOUND
		1,567	00. None listed
		0	02. Aspartate
		1	04. Carbonate
		2	05. Chloride

0	06. Citrate
0	07. Fumarate
55	08. Gluconate
1	10. Hydroxide
0	11. Iodate
2	12. Iodide
0	13. Lactate
124	14. Oxide
0	15. Phosphate
141	18. Sulfate
1	19. Unknown
15,512	Blank. Not applicable

522-530 5

QUANTITY IN MG.

0	000000000 Trace
	000000001-
1,831	999999998 Amount
63	999999999 Unknown
15,512	Blank. Not applicable (4 implied decimal places)

1

VM-33

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
531	5		PRODUCT CONTAINS ZINC
		2,254	1. Yes
		6,894	2. No
		273	3. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
532-533	5		COMPOUND
		1,828	00. None listed
		0	02. Aspartate
		1	04. Carbonate
		10	05. Chloride
		4	06. Citrate
		1	07. Fumarate
		101	08. Gluconate
		0	09. Glycerophosphate
		0	10. Hydroxide
		0	11. Iodate
		0	12. Iodide

0	13. Lactate
49	14. Oxide
1	15. Phosphate
0	16. Pyrophosphate
258	18. Sulfate
1	19. Unknown
15,152	Blank. Not applicable

534-542 5

QUANTITY IN MG.

0	000000000 Trace
	000000001-
2,162	999999998 Amount
92	999999999 Unknown
15,152	Blank. Not applicable (4 implied decimal places)

1

VM-34

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
543	5		PRODUCT CONTAINS POTASSIUM
		1,347	1. Yes
		7,801	2. No
		273	3. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
544-545	5		COMPOUND
		1,073	00. None listed
		1	02. Aspartate
		0	03. Bitartrate
		0	04. Carbonate
		155	05. Chloride
		18	06. Citrate
		0	07. Fumarate
		63	08. Gluconate
		0	09. Glycerophosphate
		0	10. Hydroxide
		2	11. Iodate
		5	12. Iodide
		0	13. Lactate
		1	14. Oxide
		1	15. Phosphate
		1	16. Pyrophosphate

27 18. Sulfate
 0 19. Unknown
 16,059 Blank. Not applicable

546-554 5

QUANTITY IN MG.

1 000000000 Trace
 000000001-
 1,293 999999998 Amount
 53 999999999 Unknown
 16,059 Blank. Not applicable
 (4 implied decimal places)

1

VM-35

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
 PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
555	5		PRODUCT CONTAINS CHROMIUM
		1,067	1. Yes
		8,081	2. No
		273	3. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
556-557	5		COMPOUND
		1,005	00. None listed
		0	02. Aspartate
		0	04. Carbonate
		60	05. Chloride
		0	07. Fumarate
		0	08. Gluconate
		0	10. Hydroxide
		0	11. Iodate
		0	12. Iodide
		0	14. Oxide
		1	15. Phosphate
		0	16. Pyrophosphate
		0	17. Sodium
		0	18. Sulfate
		1	19. Unknown
		16,339	Blank. Not applicable
558-566	5		QUANTITY IN MCG.
		0	000000000 Trace

	000000001-
1,047	999999998 Amount
20	999999999 Unknown
16,339	Blank. Not applicable (4 implied decimal places)

1

VM-36

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
567	5		PRODUCT CONTAINS MANGANESE
		1,477	1. Yes
		7,671	2. No
		273	3. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
568-569	5		COMPOUND
		1,198	00. None listed
		0	02. Aspartate
		11	04. Carbonate
		8	05. Chloride
		0	06. Citrate
		0	07. Fumarate
		64	08. Gluconate
		5	09. Glycerophosphate
		0	10. Hydroxide
		0	12. Iodide
		0	13. Lactate
		12	14. Oxide
		1	15. Phosphate
		0	16. Pyrophosphate
		178	18. Sulfate
		0	19. Unknown
		15,929	Blank. Not applicable
570-578	5		QUANTITY IN MG.
		2	000000000 Trace
			000000001-
		1,424	999999998 Amount
		51	999999999 Unknown
		15,929	Blank. Not applicable (4 implied decimal places)

1

VM-37

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
579	5		PRODUCT CONTAINS SELENIUM
		1,124	1. Yes
		8,024	2. No
		273	3. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
580-581	5		COMPOUND
		1,097	00. None listed
		0	02. Aspartate
		1	05. Chloride
		0	07. Fumarate
		0	08. Gluconate
		0	12. Iodide
		0	13. Lactate
		0	14. Oxide
		24	17. Sodium
		2	19. Unknown
		16,282	Blank. Not applicable
582-590	5		QUANTITY IN MCG.
		0	00000000 Trace
			00000001-
		1,102	999999998 Amount
		22	999999999 Unknown
		16,282	Blank. Not applicable (4 implied decimal places)

1

VM-38

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape

Locations	Item No.	Frequency	Items and Codes
591	5		PRODUCT CONTAINS FLUORIDE
		173	1. Yes
		8,975	2. No
		273	3. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
592-593	5		COMPOUND
		158	00. None listed
		14	17. Sodium
		1	19. Unknown
		17,233	Blank. Not applicable
594-602	5		QUANTITY IN MG.
		0	000000000 Trace
			000000001-
		83	999999998 Amount
		90	999999999 Unknown
		17,233	Blank. Not applicable (4 implied decimal places)

1

VM-39

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape	Locations	Item No.	Frequency	Items and Codes
	603	5		PRODUCT CONTAINS NON-LISTED NUTRIENT
			1,069	1. Yes
			8,157	2. No
			195	3. Unknown
			7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks
	604-605	6a		PRODUCT FORM
			9,072	01. Capsules, tables or pills
			46	02. Wafers
			35	03. Teaspoon(s)
			18	04. Tablespoon(s)

32	05. Drops/droppers
2	06. Fluid ounces/ounces
29	07. Packets
3	08. ML
5	09. Injection
33	10. Other form
1	11. More than one form
145	12. Unknown
7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks

606-607	7a		DAYS IN PAST 2 WEEKS PRODUCT TAKEN
		9,234	01-14. Days
		187	15. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks

608-609	7b		NUMBER TAKEN PER DAY OF THIS PRODUCT
		9,215	01-20. Number
		206	70,99. Unknown
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks

1

VM-40

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
610-613	8		LENGTH OF TIME TAKEN THIS PRODUCT
610-612			NUMBER OF TIME UNITS
		8,898	001-998. Number of days, weeks, months, years
		523	999. Unknown
		7,985	Blank. No or unknown if vitamin/mineral taken in past 2 weeks
613			TIME UNITS
		154	1. Days
		476	2. Weeks
		2,446	3. Months
		5,822	4. Years

523 5. Unknown
 7,985 Blank. No or unknown if vitamin/mineral is
 taken in past 2 weeks

614-615 Recode

LENGTH OF TIME TAKEN
 THIS PRODUCT - RECODE

89	00.	Less than 1 week
72	01.	1 week
169	02.	2 weeks
109	03.	3 weeks
375	04.	1 month
371	05.	2 months
347	06.	3 months
161	07.	4 months
85	08.	5 months
575	09.	6 months
72	10.	7 months
98	11.	8 months
69	12.	9 months
40	13.	10 months
14	14.	11 months
1,398	21.	1 year
2,413	22.	2-4 years
1,235	23.	5-9 years
693	24.	10-14 years
216	25.	15-19 years
297	26.	20 years or more
523	27.	Unknown
7,985	Blank.	No or unknown if vitamin/mineral is taken in past 2 weeks

1

VM-41

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
 PUBLIC USE FILE

Tape	Locations	Item No.	Frequency	Items and Codes
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616		9		HAD DOCTOR'S PRESCRIPTION FOR VITAMIN/MINERAL PRODUCT
			791	1. Yes
			8,398	2. No
			232	3. Unknown
			7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks.

617-628

VITAMINS TAKEN IN PAST TWO WEEKS*

617	Recode		VITAMIN A TAKEN
		3,763	1. Yes
		9,665	2. No
		224	3. Unknown
		3,754	Blank. Not Product Record Number 01
618	Recode		VITAMIN D TAKEN
		3,873	1. Yes
		9,556	2. No
		223	3. Unknown
		3,754	Blank. Not Product Record Number 01
619	Recode		VITAMIN E TAKEN
		4,087	1. Yes
		9,343	2. No
		222	3. Unknown
		3,754	Blank. Not Product Record Number 01
620	Recode		VITAMIN C TAKEN
		4,772	1. Yes
		8,671	2. No
		209	3. Unknown
		3,754	Blank. Not Product Record Number 01

*To exclude persons who did not use products in the last 2 weeks, control on Loc. 336.

1

VM-42

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape	Item No.	Frequency	Items and Codes
617-628			VITAMINS TAKEN IN PAST TWO WEEKS* -- continued
621	Recode		FOLIC ACID TAKEN
		3,782	1. Yes
		9,646	2. No
		224	3. Unknown
		3,754	Blank. Not Product Record Number 01
622	Recode		THIAMINE (B-1) TAKEN

		4,194	1. Yes
		9,235	2. No
		223	3. Unknown
		3,754	Blank. Not Product Record Number 01
623	Recode		RIBOFLAVIN (B-2) TAKEN
		4,179	1. Yes
		9,250	2. No
		223	3. Unknown
		3,754	Blank. Not Product Record Number 01
624	Recode		NIACIN TAKEN
		4,155	1. Yes
		9,276	2. No
		221	3. Unknown
		3,754	Blank. Not Product Record Number 01
625	Recode		VITAMIN B-6 TAKEN
		4,179	1. Yes
		9,251	2. No
		222	3. Unknown
		3,754	Blank. Not Product Record Number 01

*To exclude persons who did not use products in the last 2 weeks, control on Loc. 336.

1

VM-43

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape	Locations	Item No.	Frequency	Items and Codes
617-628				VITAMINS TAKEN IN PAST TWO WEEKS* -- continued
626	Recode			VITAMIN B-12 TAKEN
		4,152	1. Yes	
		9,279	2. No	
		221	3. Unknown	
		3,754	Blank. Not Product Record Number 01	
627	Recode			BIOTIN TAKEN
		2,204	1. Yes	

		11,211	2. No
		237	3. Unknown
		3,754	Blank. Not Product Record Number 01
628	Recode		PANTOTHENIC ACID
		2,865	1. Yes
		10,557	2. No
		230	3. Unknown
		3,754	Blank. Not Product Record Number 01

629-640			MINERALS TAKEN IN THE PAST 2 WEEKS*
629	Recode		CALCIUM TAKEN
		2,652	1. Yes
		10,776	2. No
		224	3. Unknown
		3,754	Blank. Not Product Record Number 01
630	Recode		PHOSPHORUS TAKEN
		1,324	1. Yes
		12,086	2. No
		242	3. Unknown
		3,754	Blank. Not Product Record Number 01

*To exclude persons who did not use products in the last 2 weeks, control on Loc. 336.

1

VM-44

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape	Locations	Item No.	Frequency	Items and Codes
629-640				MINERALS TAKEN IN THE PAST 2 WEEKS* -- continued
631	Recode			IODINE TAKEN
		1,976	1. Yes	
		11,440	2. No	
		236	3. Unknown	
		3,754	Blank. Not Product Record Number 01	
632	Recode			IRON TAKEN

		2,933	1. Yes
		10,489	2. No
		230	3. Unknown
		3,754	Blank. Not Product Record Number 01
633	Recode		MAGNESIUM TAKEN
		2,143	1. Yes
		11,280	2. No
		229	3. Unknown
		3,754	Blank. Not Product Record Number 01
634	Recode		COPPER TAKEN
		1,863	1. Yes
		11,551	2. No
		238	3. Unknown
		3,754	Blank. Not Product Record Number 01
635	Recode		ZINC TAKEN
		2,134	1. Yes
		11,290	2. No
		228	3. Unknown
		3,754	Blank. Not Product Record Number 01

*To exclude persons who did not use products in the last 2 weeks, control on Loc. 336.

1

VM-45

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape	Locations	Item No.	Frequency	Items and Codes
629-640				MINERALS TAKEN IN THE PAST 2 WEEKS*-- continued
636	Recode			POTASSIUM TAKEN
		1,303	1. Yes	
		12,112	2. No	
		237	3. Unknown	
		3,754	Blank. Not Product Record Number 01	
637	Recode			CHROMIUM TAKEN

		1,061	1. Yes
		12,350	2. No
		241	3. Unknown
		3,754	Blank. Not Product Record Number 01
638	Recode		MANGANESE TAKEN
		1,456	1. Yes
		11,961	2. No
		235	3. Unknown
		3,754	Blank. Not Product Record Number 01
639	Recode		SELENIUM TAKEN
		1,107	1. Yes
		12,303	2. No
		242	3. Unknown
		3,754	Blank. Not Product Record Number 01
640	Recode		FLUORIDE TAKEN
		173	1. Yes
		13,231	2. No
		248	3. Unknown
		3,754	Blank. Not Product Record Number 01

*To exclude persons who did not use products in the last 2 weeks, control on Loc. 336.

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VM-46

1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape	Locations	Item No.	Frequency	Items and Codes
641	Recode			NON-LISTED NUTRIENT TAKEN*
			902	1. Yes
			12,575	2. No
			175	3. Unknown
			3,754	Blank. Not Product Record Number 01
642-643	Recode			TOTAL NUMBER OF VITAMIN/MINERAL PRODUCTS TAKEN
			7,985	00. None
			5,667	01-12. Products
			3,754	Blank. Not Product Record Number 01

*To exclude persons who did not use products in the last 2 weeks, control on Loc. 336.

1

VM-47
1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
644	Recode		PRODUCT TYPE
		2,434	0. Single vitamin
		803	1. Multi-vitamin
		581	2. Other vitamin combination
		1,105	3. Single mineral
		5	4. Multi-mineral
		141	5. Other mineral combination
		1,137	6. Multi-vitamin, multi-mineral
		342	7. Multi-vitamin plus iron
		2,129	8. Other vitamin/mineral combination
		744	9. Unknown type
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks.
645	Recode		PRODUCT CONTAINS THIAMINE, RIBOFLAVIN, NIACIN, VITAMIN B-6, VITAMIN B-12 AND/OR PANTOTHENIC ACID
		4,855	1. Yes
		4,566	2. No
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks.
646	Recode		PRODUCT CONTAINS VITAMINS C AND/OR E
		6,337	1. Yes
		3,084	2. No
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks.
647	Recode		PRODUCT CONTAINS VITAMINS A AND/OR D
		4,379	1. Yes
		5,042	2. No
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks.

648	Recode		PRODUCT CONTAINS CALCIUM, PHOSPHORUS, IRON, MAGNESIUM, COPPER, ZINC AND/OR MANGANESE
IODINE,		4,529	1. Yes
		4,892	2. No
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks.

1 VM-48
1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape	Item No.	Frequency	Items and Codes
649	Recode		KIND OF PRODUCT*
		3,905	1. Convenience product
		4,772	2. Specialized product
		744	9. Unknown kind
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks.

*For this record, "convenience" products include those products with:

- 1 in locations 645, 646, and 647; or
- 1 in locations 645, 646, and 648; or
- 1 in locations 645, 647, and 648; or
- 1 in locations 646, 647, and 648.

All other known product types (i.e., loc. 644 not equal 9) are "specialized" products for this classification.

1 VM-49
1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape	Item No.	Frequency	Items and Codes
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650-889	Generated		AVERAGE DAILY INTAKE
650-659		7,985	VITAMIN A 0000000000. No vitamin/mineral products taken in past 2 weeks
		3,266	0000000001- 7999999998. Average units (in I.U.'s) per day (4 implied decimal places)
		1,696	8888888888. No vitamin A taken
		705	9999999999. Unknown daily intake
		3,754	Blank. Not Product Record Number 01
660-669		7,985	VITAMIN D 0000000000. No vitamin/mineral products taken in past 2 weeks
		3,390	0000000001- 7999999998. Average units (in I.U.'s) per day (4 implied decimal places)
		1,587	8888888888. No vitamin D taken
		690	9999999999. Unknown daily intake
		3,754	Blank. Not Product Record Number 01
670-679		7,985	VITAMIN E 0000000000. No vitamin/mineral products taken in past 2 weeks
		3,554	0000000001- 7999999998. Average units (in I.U.'s) per day (4 implied decimal places)
		1,374	8888888888. No vitamin E taken
		739	9999999999. Unknown daily intake
		3,754	Blank. Not Product Record Number 01
680-689		7,985	VITAMIN C 0000000000. No vitamin/mineral products taken in past 2 weeks
		4,098	0000000001- 7999999998. Average units (MG's) per day (4 implied decimal places)
		702	8888888888. No vitamin C taken
		867	9999999999. Unknown daily intake
		3,754	Blank. Not Product Record Number 01

1

VM-50
1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
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650-889	Generated		AVERAGE DAILY INTAKE -- continued
690-699		7,985	FOLIC ACID 0000000000. No vitamin/mineral products

			0000000001-	taken in past 2 weeks
day	3,273		7999999998.	Average units (in MCG's) per
				(4 implied decimal places)
	1,677		8888888888.	No folic acid taken
	717		9999999999.	Unknown daily intake
	3,754		Blank.	Not Product Record Number 01
700-709			THIAMINE B-1	
	7,985		0000000000.	No vitamin/mineral products
				taken in past 2 weeks
			0000000001-	
	3,662		7999999998.	Average units (in MG's) per day
				(4 implied decimal places)
	1,266		8888888888.	No thiamine taken
	739		9999999999.	Unknown daily intake
	3,754		Blank.	Not Product Record Number 01
710-719			RIBOFLAVIN B-2	
	7,985		0000000000.	No vitamin/mineral products
				taken in past 2 weeks
			0000000001-	
	3,649		7999999998.	Average units (in MG's) per day
				(4 implied decimal places)
	1,281		8888888888.	No riboflavin taken
	737		9999999999.	Unknown daily intake
	3,754		Blank.	Not Product Record Number 01
720-729			NIACIN	
	7,985		0000000000.	No vitamin/mineral products
				taken in past 2 weeks
			0000000001-	
	3,628		7999999998.	Average units (in MG's) per day
				(4 implied decimal places)
	1,307		8888888888.	No niacin taken
	732		9999999999.	Unknown daily intake
	3,754		Blank.	Not Product Record Number 01

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VM-51
1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
650-889	Generated		AVERAGE DAILY INTAKE -- continued
730-739		7,985	VITAMIN B-6 0000000000. No vitamin/mineral products taken in past 2 weeks
		3,650	0000000001- 7999999998. Average units (in MG's) per day

			(4 implied decimal places)
	1,282	8888888888.	No vitamin B6 taken
	735	9999999999.	Unknown daily intake
	3,754	Blank.	Not Product Record Number 01
740-749		VITAMIN B-12	
	7,985	0000000000.	No vitamin/mineral products taken in past 2 weeks
		0000000001-	
day	3,612	7999999998.	Average units (in MCG's) per
			(4 implied decimal places)
	1,310	8888888888.	No vitamin B12 taken
	745	9999999999.	Unknown daily intake
	3,754	Blank.	Not Product Record Number 01
750-759		BIOTIN	
	7,985	0000000000.	No vitamin/mineral products taken in past 2 weeks
		0000000001-	
day	2,052	7999999998.	Average units (in MCG's) per
			(4 implied decimal places)
	3,242	8888888888.	No biotin taken
	373	9999999999.	Unknown daily intake
	3,754	Blank.	Not Product Record Number 01
760-769		PANTHOTHENIC ACID	
	7,985	0000000000.	No vitamin/mineral products taken in past 2 weeks
		0000000001-	
	2,662	7999999998.	Average units (in MG's) per day (4 implied decimal places)
	2,588	8888888888.	No panthothenic taken
	417	9999999999.	Unknown daily intake
	3,754	Blank.	Not Product Record Number 01

1

VM-52
1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape	Locations	Item No.	Frequency	Items and Codes
650-889		Generated		AVERAGE DAILY INTAKE -- continued
770-779			7,985	CALCIUM 0000000000. No vitamin/mineral products taken in past 2 weeks
			2,390	0000000001- 7999999998. Average units (in MG's) per day (4 implied decimal places)
			2,807	8888888888. No calcium taken

	470	9999999999.	Unknown daily intake
	3,754	Blank.	Not Product Record Number 01
780-789		PHOSPHORUS	
	7,985	0000000000.	No vitamin/mineral products taken in past 2 weeks
		0000000001-	
	1,243	7999999998.	Average units (in MG's) per day (4 implied decimal places)
	4,117	8888888888.	No phosphorus taken
	307	9999999999.	Unknown daily intake
	3,754	Blank.	Not Product Record Number 01
790-799		IODINE	
	7,985	0000000000.	No vitamin/mineral products taken in past 2 weeks
		0000000001-	
day	1,844	7999999998.	Average units (in MCG's) per day (4 implied decimal places)
	3,471	8888888888.	No iodine taken
	352	9999999999.	Unknown daily intake
	3,754	Blank.	Not Product Record Number 01
800-809		IRON	
	7,985	0000000000.	No vitamin/mineral products taken in past 2 weeks
		0000000001-	
	2,667	7999999998.	Average units (in MG's) per day (4 implied decimal places)
	2,520	8888888888.	No iron taken
	480	9999999999.	Unknown daily intake
	3,754	Blank.	Not Product Record Number 01

1

VM-53
1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape Locations	Item No.	Frequency	Items and Codes
650-889	Generated		AVERAGE DAILY INTAKE -- continued
810-819			MAGNESIUM
		7,985	0000000000. No vitamin/mineral products taken in past 2 weeks
			0000000001-
		1,993	7999999998. Average units (in MG's) per day (4 implied decimal places)
		3,311	8888888888. No magnesium taken
		363	9999999999. Unknown daily intake
		3,754	Blank. Not Product Record Number 01

820-829			COPPER	
	7,985		0000000000.	No vitamin/mineral products taken in past 2 weeks
			0000000001-	
	1,760		7999999998.	Average units (in MG's) per day (4 implied decimal places)
	3,582		8888888888.	No copper taken
	325		9999999999.	Unknown daily intake
	3,754		Blank.	Not Product Record Number 01
830-839			ZINC	
	7,985		0000000000.	No vitamin/mineral products taken in past 2 weeks
			0000000001-	
	1,996		7999999998.	Average units (in MG's) per day (4 implied decimal places)
	3,321		8888888888.	No zinc taken
	350		9999999999.	Unknown daily intake
	3,754		Blank.	Not Product Record Number 01
840-849			POTASSIUM	
	7,985		0000000000.	No vitamin/mineral products taken in past 2 weeks
			0000000001-	
	1,219		7999999998.	Average units (in MG's) per day (4 implied decimal places)
	4,143		8888888888.	No potassium taken
	305		9999999999.	Unknown daily intake
	3,754		BLANK.	Not Product Record Number 01

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VM-54
1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape	Locations	Item No.	Frequency	Items and Codes
650-889		Generated		AVERAGE DAILY INTAKE -- continued
850-859			7,985	CHROMIUM
				0000000000.
				No vitamin/mineral products taken in past 2 weeks
				0000000001-
day			1,020	7999999998.
				Average units (in MCG's) per day (4 implied decimal places)
			4,381	8888888888.
			266	9999999999.
			3,754	Blank.
				Not Product Record Number 01
860-869				MANGANESE
			7,985	0000000000.
				No vitamin/mineral products

			0000000001-	taken in past 2 weeks
	1,376		7999999998.	Average units (in MG's) per day (4 implied decimal places)
	3,992		8888888888.	No manganese taken
	299		9999999999.	Unknown daily intake
	3,754		Blank.	Not Product Record Number 01
870-879			SELENIUM	
	7,985		0000000000.	No vitamin/mineral products taken in past 2 weeks
			0000000001-	
day	1,065		7999999998.	Average units (in MCG's) per (4 implied decimal places)
	4,334		8888888888.	No selenium taken
	268		9999999999.	Unknown daily intake
	3,754		Blank.	Not Product Record Number 01
880-889			FLUORIDE	
	7,985		0000000000.	No vitamin/mineral products taken in past 2 weeks
			0000000001-	
	81		7999999998.	Average units (in MG's) per day (4 implied decimal places)
	5,262		8888888888.	No fluoride taken
	324		9999999999.	Unknown daily intake
	3,754		Blank.	Not Product Record Number 01

1

VM-55
1986 VITAMIN/MINERAL INTAKE SUPPLEMENT
PUBLIC USE FILE

Tape	Locations	Item No.	Frequency	Items and Codes
890		10A		PREGNANT IN PAST 2 WEEKS (WOMEN AGED 18-44)
			150	1. Yes
			3,470	2. No
			147	3. Unknown
			13,639	Blank. Not applicable, Not Product Record Number 01
891		10B		BREASTFEEDING IN PAST 2 WEEKS (WOMEN AGED 18-44)
			71	1. Yes
			3,527	2. No
			169	3. Unknown
			13,639	Blank. Not applicable, Not Product Record Number 01

892-893			SPECIFIC PRODUCT CATEGORY CLASSIFICATION
		9,421	01-51. See Specific Product Category Classification List
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks.
894	Generated		SOURCE OF CHECKS FOR ACCURACY OF RECORDED NUTRIENT POTENCIES
		7,900	1. Independent accuracy check made*
made**		1,521	2. Independent accuracy check not
		7,985	Blank. No or unknown if vitamin/mineral is taken in past 2 weeks.
895-900			BLANK

*Recorded nutrient potency values for this product was checked and corrected by comparison with reference sources such as the 1986 ed. Physician's Desk Reference (PDR) for Nonprescription drugs, company brochures, and product labels obtained independently; through direct contact with companies; and with concentration data of duplicate records for the same product.

**External reference information described in (1) above was not available and no other products of the same brand name and type were reported. Nutrient profile was checked and corrected by comparing similar products or if not available, unedited nutrient values as recorded in the questionnaires were used.

1NOTES:

1 SPECIFIC PRODUCT CATEGORY CLASSIFICATION*

Product Category	Description
	Single Vitamins
01	Vitamin A (preformed)
02	Beta-carotene
03	Vitamin D
04	Vitamin E
05	Vitamin C
06	Vitamin B-1
07	Vitamin B-2
08	Vitamin B-6

09	Vitamin B-12
10	Biotin
11	Folic acid
12	Niacin
13	Pantothenic acid
Single Minerals	
14	Calcium (includes oyster shell calcium, calcium phosphate, egg shell calcium bone meal and bone powder)
15	Copper
16	Fluoride
17	Iodine (includes kelp)
18	Iron (includes iron plus liver)
19	Magnesium
20	Potassium

1

2

SPECIFIC PRODUCT CATEGORY CLASSIFICATION*

Product
Category

Description

Single Minerals (Cont.)

21	Selenium
22	Zinc
23	Manganese
24	Chromium
Combinations	
25	Vitamins A & D, cod liver oil
26	B complex**
27	B complex plus vitamin C and/or E, stress tabs (includes one unusual product named B complex with amino acid)
28	B complex plus mineral usually zinc and copper, stress tabs plus

with or without vitamin D (includes Dolomite with or without D; calcium and magnesium with other mineral or vitamin such as zinc, chromium, iron, phosphorus, fluoride or vitamin C)

Miscellaneous (concentration data not available)

47	Vitamin K
48	Lithium
49	Phosphorus
50	Vitamin/mineral supplements which could not be classified because of lack of concentration information
51	Vitamin B not otherwise specified

1Footnotes for Specific Product Category Classification 4

* Categorization is based on the nutrient content of the product, and the nature and the intent of use of the supplement.

** B complex is defined as products which contain at least 4 of the following vitamins: vitamins B-1, B-2, B-6, B-12, niacin, folic acid, biotin, and pantothenic acid.

***Multivitamin is defined as products which contain at least: vitamin A, E, C, B-1, B-2, B-6 and B-12, niacin, and folic acid (optional for liquid products). For products marketed for children less than 4 yr, vitamin D is also required.

Multimineral is defined as products which contain at least calcium, phosphorus, iodine, iron and magnesium. (Exception: phosphorus is not required for prescription products for pregnant or lactating women).

Multivitamin/multimineral is defined as products which contain at least the mandatory nutrients specified above for multivitamin and multi-mineral categories.

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APPENDIX

INDUSTRY RECODES OUTLINE

Recodes				

No. 1	No. 2	Detail Code	Industry Title	SIC Code*
Chrs.	Chrs.	(Chrs. 77-79)		
80-81	82-83			

01	01	010-011,020-021	AGRICULTURE	01-02,07,078
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02	01	030-031	FORESTRY AND FISHERIES	08-09
10	02	040-042,050	MINING	10-14
20	03	060	CONSTRUCTION	15-17
(30-34, 40-46)	(04)	-	MANUFACTURING:	
(30-34)			NONDURABLE GOODS	
30	04	100-102,110-112, 120-122	Food and kindred products	201-209
31	04	132,140-142, 150-152	Textile mill and finished textile products	221-229,231-239
32	04	171-172	Printing, publishing and allied industries	271-279
33	04	180-182,190-192	Chemicals and allied products	281-287,289
34	04	130,160-162, 200-201,210-212, 220-222	Other nondurable goods	21,261-266,291,295, 299,301-304,306- 311,313-317,319

*Standard Industrial Classification

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APPENDIX

INDUSTRY RECODES OUTLINE

Recodes				
No. 1	No. 2	Detail Code	Industry Title	SIC Code*
Chrs. 80-81	Chrs. 82-83	(Chrs. 77-79)		
(30-34, 40-46)	(04)	-	MANUFACTURING: - continued	
(40-46)			DURABLE GOODS	
40	04	230-232,241-242	Furniture, lumber and wood	

41	04	270-272,280	Primary metal industries	331-332,334,3331-3334,3339,3351,3353-3362,3369,	3357,3361-339
42	04	281-282,290-292,300	Fabricated metal industries, including ordnance		341-349
43	04	310-312,320-322,331-332	Machinery, except electrical		351-359
44	04	340-342,350	Electrical machinery, equipment and supplies		361-367,369
45	04	351-352,360-362,370	Transportation equipment		371-376,379
46	04	250-252,261-262,301,371-372,380-382,390-392	Other and not specified durable goods		321-329,381-387,394

(50-54) (05) - TRANSPORTATION, COMMUNICATIONS AND OTHER PUBLIC UTILITIES

50	05	400	Railroads		40
51	05	410-411	Trucking service and warehousing		421-423
52	05	401-402,412,420-422,432	Other transportation		41,43-47
53	05	440-442	Communications		481-483,489
54	05	460-462,470-472	Utilities and sanitary		491-497

*Standard Industrial Classification

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APPENDIX

INDUSTRY RECODES OUTLINE

Recodes

No. 1	No. 2	Detail Code	Industry Title	SIC Code*
80-81	82-83	(Chrs. 77-79)		

60	06	500-502,510-512, 521-522,530-532, 540-542,550-552, 560-562,571	WHOLESALE TRADE	501-508,5093,5094, 5099,511-518,5191, 5194,5198,5199
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(61-65)	(07)	-	RETAIL TRADE	
61	07	591-592,600	General merchandise stores	531,533,539
62	07	601-602,610-611	Food, bakery and dairy stores	541-546,549
63	07	612,620-622	Automotive dealers and gasoline stations	551-557,559
64	07	641	Eating and drinking places	58
65	07	580-582,590, 630-632,640,642, 650-652,660-662, 5963, 670-672,681-682, 691	Other and not specified retail trade	521,523,525-527,56, 571-573,591-593, 5941-5949,5961- 598,5992-5994,5999
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(70-71)	(08)	-	FINANCE, INSURANCE, AND REAL ESTATE	
70	08	700-702	Banking and credit agencies	60-61
71	08	710-712	Insurance, real estate, and other finance	62-67

*Standard Industrial Classification

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APPENDIX

INDUSTRY RECODES OUTLINE

Recodes				

No. 1	No. 2	Detail Code	Industry Title	SIC Code*
Chrs.	Chrs.	(Chrs. 77-79)		
80-81	82-83			

(75-85) (09-12) - SERVICES:

(75-76)	(09)		BUSINESS AND REPAIR SERVICES	
75	09	721-722,730-732, 740-742,750	Business services	731-737,7391-7397, 7399,751,752,754
76	09	751-752,760	Repair services	753,762-764,7692, 7694,7699
(77-78)	(10)	-	PERSONAL SERVICES	
77	10	761	Private households	88
78	10	762,770-772, 780-782,790-791	Other personal services	701-704,721-726,729
79	11	800-802	ENTERTAINMENT AND RECREATION SERVICES	78,791-794,799
(80-85)	(12)	-	PROFESSIONAL AND RELATED SERVICES	
80	12	831	Hospitals	806
81	12	812,820-822,830, 832,840	Health services, except hospitals	801-803,8041-8042, 8049,805,807-809
82	12	842,850	Elementary and secondary schools and colleges	821-822
83	12	851-852,860	Other educational services	823-824,829
84	12	861-862,870-872, 880-881	Social services, religious and membership organizations	832-833,835-836, 839,84,861-866,869
85	12	841,882,890-892	Legal, engineering and other professional services	81,891-893,899

*Standard Industrial Classification

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APPENDIX

INDUSTRY RECODES OUTLINE

Recodes				

No. 1	No. 2	Detail Code	Industry Title	SIC Code*
Chrs.	Chrs.	(Chrs. 77-79)		
80-81	82-83			
90	13	900-901,910,	PUBLIC ADMINISTRATION	911-913,919,92-97

921-922,930-932

95	14	990 and all other codes except 996	UNKNOWN INDUSTRY	-
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96	14	996	NEW WORKER	
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97	15	Not applicable	NOT IN LABOR FORCE - codes Blank and 8 in current activity recode (loc. 75) (Under 18 or 18+ and not in Labor Force).	
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98	16	942	ARMED FORCES (excludes Reserves and National Guard)	
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*Standard Industrial Classification

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APPENDIX

INDUSTRY RECODE TITLES

Code	Titles	Recode No. 1 Inclusions
01	AGRICULTURE, FORESTRY AND FISHERIES	01,02
02	MINING	10
03	CONSTRUCTION	20
04	MANUFACTURING	30-34, 40-46
05	TRANSPORTATION, COMMUNICATIONS AND OTHER PUBLIC UTILITIES	50-54
06	WHOLESALE TRADE	60
07	RETAIL TRADE	61-65
08	FINANCE, INSURANCE, AND REAL ESTATE	70-71
09	BUSINESS AND REPAIR SERVICES	75-76

10	PERSONAL SERVICES	77-78
11	ENTERTAINMENT AND RECREATION SERVICES	79
12	PROFESSIONAL AND RELATED SERVICES	80-85
13	PUBLIC ADMINISTRATION	90
14	UNKNOWN (includes new workers)	95-96
15	NOT IN LABOR FORCE	97
16	ARMED FORCES	98

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APPENDIX C

OCCUPATION RECODE OUTLINE

Recodes				

No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs.	Chrs.	(Chrs. 84-86)		
87-88	89-90			
(01-03)	(01)	-	EXECUTIVE, ADMINISTRATIVE, AND MANAGERIAL OCCUPATIONS	-
01	01	003-006	Officials and administrators, public administration	111-113
02	01	007-009,013-019	Managers and administrators, except public administration	121-128,132-139
03	01	023-029,033-037	Management related occupations	1412,1414-1415, 1419,142-143, 1442-1443,1449, 145,1472-
1473,149				
(04-11)	(02)	-	PROFESSIONAL SPECIALTY OCCUPATIONS	-
04	02	044-049,053-059	Engineers	1622-1628,1632- 1637,1639
05	02	043,063	Architects and surveyors	161,164
06	02	064-069,073-079 083	Natural mathematical and computer scientists	171-172,1732- 1733,1739,1842- 1843,1845-1847, 1849,1852-1855
07	02	084-089	Health diagnosing occupations	27,261-262,281,

				283,289
08	02	095-099,103-106	Health assessment and treating occupations	29,301-302,3031-3034,3039,304,
09	02	113-119,123-129,133-139,143-149,153-159,163-165	Teachers, librarians and counselors	2212-2218,2222-2228,2231-2238,2242-2247,2249,231-233,235,236,239,24,251,252
10	02	183-189,193-195,197-199	Writers, artists, entertainers and athletes	34,321-329,331-333,398
11	02	166-169,173-179	Other professional specialty occupations	1912-1916,1919,192,2032-2033,2042,2049,211-
212				

*Standard Occupational Classification.

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APPENDIX

OCCUPATION RECODE OUTLINE

Recodes				

No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs. 87-88	Chrs. 89-90	(Chrs. 84-86)		
(12-13)	(03)	-	TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	-
12	03	203-208	Health technologists and technicians	362-366,369
13	03	213-218,223-229,233-235	Technologists, technicians except health	3711-3713,3719,372-
373,382,3831-				
3833,384,389,392-				
3972,3974,399,825				393,396,3971-
<hr/>				
(14-16)	(04)	-	SALES OCCUPATIONS	-
14	04	243	Supervisors and proprietors	40
15	04	253-259	Sales representatives, commodities and finance	4122-4124,4152-4153,421,423-424

16	04	263-269,274-278, 283-285	Other sales	4342-4348,4351- 4354,4356,4359, 4362-4367,4369, 444-447,449
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(17-21)	(05)	-	ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	-
17	05	308-309	Computer equipment operators	4612-4613
18	05	313-315	Secretaries, stenographers and typists	4622-4624
19	05	337-339,343-344	Financial records processing occupations	4712-4713,4715- 4716,4718
20	05	354-357	Mail and message distributing	4742-4745
21	05	303-307,316-319, 323,325-329, 335-336,345-349, 353,359,363-366, 368-369,373-379, 383-387,389	Other administrative support	4511-4519,4521- 4529,463,4642- 4645,4649,4662- 4664,4692,4694, 4696,4699,4722- 4723,4729,4732- 4733,4739,4751- 4759,4782-4784, 4786-4787,4791- 4795,4799

*Standard Occupational Classification.

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APPENDIX

OCCUPATION RECODE OUTLINE

Recodes				

No. 1	No. 2			
Chrs.	Chrs.	Detail Code	Occupation Title	SOC Code*
87-88	89-90	(Chrs. 84-86)		
22	06	403-407	PRIVATE HOUSEHOLD OCCUPATIONS	502-507,509

(23-24)	(07)	-	PROTECTIVE SERVICE OCCUPATIONS	
23	07	413-414,416-418, 423-424	Police and firefighters	5111-5112,5122- 5123,5132-5134
24	07	415,425-427	Other protective service	5113,5142,5144,

occupations 5149

(25-28)	(08)	-	SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	
25	08	433-439,443-444	Food service	5211-5219
26	08	445-447	Health service	5232-5233,5236
27	08	448-449,453-455	Cleaning and building service	5241-5242,5244-5246,5249
28	08	456-459,463-469	Personal service	5251-5258,5262-5264,5269

(29-31)	(09)	-	FARMING, FORESTRY AND FISHING OCCUPATIONS	
29	09	473-476	Farm operators and managers	5512-5515,5522-5525
30	09	477,479,483-489	Farm workers and other agricultural workers	5611-5619,5621-5622,5624-5625,5627
31	09	494-499	Forestry and fishing occupations	571-573,579,583-

584,8241(pt.)

*Standard Occupational Classification.

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APPENDIX

OCCUPATION RECODE OUTLINE

Recodes

No. 1 No. 2
Chrs. Chrs. Detail Code Occupation Title SOC Code*
87-88 89-90 (Chrs. 84-86)

(32-34)	(10)	-	PRECISION PRODUCTION, CRAFT AND REPAIR OCCUPATIONS	
32	10	503,505-509,514-519,523,525-527,529	Mechanics and repairers	60,6111-6118,613-614,6151-6159,616,6171-

		533-536,538-539, 543-544,547,549		6179
33	10	553-558,563-567, 569,573,575-577, 579,583-585, 587-589,593-599, 613-617	Construction and extractive trades	6311-6316,6318, 632,6412-6414, 6422,6424,6432- 6433,6442-6444, 645,6462-6468, 6472,6476,6479, 652-654,656
34	10	633-637,639, 643-647,649, 653-659,666-669, 673-679,683-684, 686-689,693-696, 699	Precision production occupations	67,71,6811-6814, 6816-6817,6821- 6824,6829,6831- 6832,6835,6839, 6844,6852-6854, 6856,6859,6861- 6862,6864-6867, 6869,6871-6873, 6879,6881-6882, 691-696,7447, 7668,7677,7752, 828

*Standard Occupational Classification

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APPENDIX

OCCUPATION RECODE OUTLINE

Recodes				

No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs.	Chrs.	(Chrs. 84-86)		
87-88	89-90			
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OPERATORS, FABRICATORS AND LABORERS				
(35-36)	(11)		MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS	
35	11	703-709,713-715, 717,719,723-729, 733-739,743-745, 747-749,753-759, 763-766,768-769, 773-774,777,779	Machine operators and tenderers,except precision	6841-6842,6849, 6855,6863,6868, 7312-7319,7322, 7324,7326,7329, 7339,7342-7344, 7349,7431-7435, 7439,7443-7444, 7449,7451-7452, 7459,7462-7463, 7467,7472,7474, 7476-7478, 7479(pt.),7512-

7519,7522,7529,
7539,7542-7544,
7549,7631-7636,
7639,7642-7644,
7649,7651-7652,
7654-7659,7661-
7667,7669,7671-
7676,7677(pt.),
7678-7679

36 11 783-787,789,
793-799 Fabricators, assemblers,
inspectors and samplers 7332-7333,7532-
7533,7714,7717,
772,774,7753-
7759,782-785,787

(37-39) (12) - TRANSPORTATION AND MATERIAL
MOVING OCCUPATIONS

37 12 803-806,808-809,
813-814 Motor vehicle operators 8111,8212-8216,
8218-8219,874

38 12 823-826,828-829,
833-834 Other transportation, except
motor vehicles 8113,8232-8233,
8239,8241(pt.),
8242-8245

39 12 843-845,848-849,
853,855-856,859 Material moving equipment
operators 812,8312-8319

*Standard Occupational Classification

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APPENDIX

OCCUPATION RECODE OUTLINE

Recodes

No. 1	No. 2	Detail Code	Occupation Title	SOC Code*
Chrs.	Chrs.	(Chrs. 84-86)		
87-88	89-90			

(40-41) (13) HANDLERS, EQUIPMENT CLEANERS,
HELPERS AND LABORERS

40 13 869 Construction laborers 871

41 13 863-867,873,
875-878,883,885,
887-889 Freight, stock and material
handlers 85,861-863,
8641-8646,
8648,865,
8722-8726,873,
875,8761,8769

95	14	999 and all other codes except 990	UNKNOWN OCCUPATION
96	14	990	NEW WORKER
97	15	Not applicable	NOT IN LABOR FORCE - codes Blank and 8 in current activity recode (Loc. 75). (Under 18 or 18+ and Not in Labor Force)
98	16	905	MILITARY

*Standard Occupational Classification

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APPENDIX

OCCUPATION RECODE TITLES

Code	Titles	Recode No. Inclusions
MANAGERIAL AND PROFESSIONAL SPECIALTY OCCUPATIONS		
01	EXECUTIVE, ADMINISTRATIVE AND MANAGERIAL OCCUPATIONS	01-03
02	PROFESSIONAL SPECIALTY OCCUPATIONS	04-11
TECHNICAL, SALES AND ADMINISTRATIVE SUPPORT OCCUPATIONS		
03	TECHNICIANS AND RELATED SUPPORT OCCUPATIONS	12-13
04	SALES OCCUPATIONS	14-16
05	ADMINISTRATIVE SUPPORT OCCUPATIONS, INCLUDING CLERICAL	17-21
SERVICE OCCUPATIONS		
06	PRIVATE HOUSEHOLD OCCUPATIONS	22

07	PROTECTIVE SERVICE OCCUPATIONS	23-24
08	SERVICE OCCUPATIONS, EXCEPT PROTECTIVE AND HOUSEHOLD	25-28
09	FARMING, FORESTRY AND FISHING OCCUPATIONS	29-31
10	PRECISION PRODUCTION, CRAFT AND REPAIR OCCUPATIONS OPERATORS, FABRICATORS AND LABORERS	32-34
11	MACHINE OPERATORS, ASSEMBLERS AND INSPECTORS	35-36
12	TRANSPORTATION AND MATERIAL MOVING OCCUPATIONS	37-39
13	HANDLERS, EQUIPMENT CLEANERS, HELPERS AND LABORERS	40-41
14	UNKNOWN OCCUPATION (includes New Workers)	95-96
15	NOT IN LABOR FORCE	97
16	MILITARY	98