# National Health and Nutrition Examination Survey

## 2017-2018 Data Documentation, Codebook, and Frequencies

Component Description

**Demographics**

The **demographics** file provides individual, family, and household-level information on the following topics:

* The six-month time period when the examination was performed;
* Household and family income;
* demographic information, such as gender, age, race/Hispanic origin, education, marital status, military service status, country of birth, citizenship, and years of U.S. residence.

**Depression Scale**

**A nine-item depression screening instrument** (variable prefix is DPQ), also called the Patient Health Questionnaire (Kroenke and Spitzer, 2002; Kroenke et al., 2001) was administered to determine the frequency of depression symptoms over the past 2 weeks. For each symptom question, points ranging from 0 to 3, are associated with the response categories "not at all," "several days," "more than half the days," and "nearly every day.” This screening instrument incorporates DSM-IV depression diagnostic criteria (Spitzer et al.,1999).

**Drug Use Questionnaire**

**The Drug Use questionnaire** (variable name prefix DUQ) focuses on lifetime and current use of marijuana or hashish, cocaine, heroin, and methamphetamine, as well as intravenous use of these and other drugs.

Fixed effect panel

|  |  |  |
| --- | --- | --- |
| Variable Name | Description | Data Type |
| SEQN | Respondent sequence number | Integer |
| Gender | Gender of the participant |  |
| AGEYR | Age in years at screening |  |
| RIDRETH1 | Race/Hispanic origin |  |
| EDUC | Education Level |  |
| MARTL | Marital Status |  |
| POVRAT | A ratio of family income to poverty guidelines. |  |
| INCOME | Annual household income |  |
| DPINTEREST | Have little interest in doing things |  |
| DPFEEL | how often have you been bothered by the following problems:] feeling down, depressed, or hopeless? |  |
| DPSLEEP | Trouble sleeping or sleeping too much |  |
| DPENERGY | Feeling tired or having little energy |  |
| DPAPPETITE | Poor appetite or overeating |  |
| DPSELF | Feeling bad about yourself |  |
| DPCONCEN | Trouble concentrating on things |  |
| DPSPEAK | Moving or speaking slowly or too fast |  |
| DPTHOUGHT | Thought you would be better off dead |  |
| DPDifficulty | Difficulty these problems have caused |  |
| DUQ200 | Ever used marijuana or hashish |  |
| DUQ210 | Age when first tried marijuana |  |
| DUQ211 | Used marijuana every month for a year? |  |
| DUQ213 | Age started regularly using marijuana |  |
| DUQ215Q | Time since last used marijuana regularly |  |
| DUQ210U | Time since used marijuana regularly/unit |  |
| DUQ217 | How often would you use marijuana? |  |
| DUQ219 | How many joints or pipes smoke in a day? |  |
| DUQ220Q | Last time used marijuana or hashish |  |
| DUQ220U | Last time used marijuana or hashish/unit |  |
| DUQ230 | # days used marijuana or hashish/month |  |
| DUQ240 | Ever used cocaine/heroin/methamphetamine |  |
| DUQ250 | Ever use any form of cocaine |  |
| DUQ260 | Age first used cocaine |  |
| DUQ270Q | Last time you used cocaine, in any form |  |
| DUQ270U | Last time you used cocaine/unit |  |
| DUQ272 | # of time you used cocaine |  |
| DUQ280 | # of days used cocaine/month |  |
| DUQ290 | Ever used heroin |  |
| DUQ300 | Age first used heroin |  |
| DUQ310Q | Last time used heroin |  |
| DUQ310U | Last time used heroin/unit |  |
| DUQ320 | # of days used heroin/month |  |
| DUQ330 | Ever used methamphetamine |  |
| DUQ340 | Age first used methamphetamine |  |
| DUQ350Q | Last time used methamphetamine |  |
| DUQ350U | Last time used methamphetamine/unit |  |
| DUQ352 | # times used methamphetamine |  |
| DUQ360 | # days used methamphetamine/month |  |
| DUQ370 | Ever use a needle to inject illegal drug |  |
| DUQ380A | Drugs injected - Cocaine |  |
| DUQ380B | Drugs injected - Heroin |  |
| DUQ380C | Drugs injected - Methamphetamine |  |
| DUD380F | Drugs injected - Steroids or other drugs |  |
| DUQ390 | Age first injected drugs |  |
| DUQ400Q | Last time injected drugs |  |
| DUQ400U | Last time injected drugs/unit |  |
| DUQ410 | # times injected drugs/lifetime |  |
| DUQ420 | How often did you inject drugs |  |
| DUQ430 | Ever been in rehabilitation program |  |

**GENDER**

| **Code or Value** | **Value Description** | **Count** | **Cumulative** |
| --- | --- | --- | --- |
| 1 | Male | 4557 | 4557 |
| 2 | Female | 4697 | 9254 |
| . | Missing | 0 | 9254 |

**RIDRETH1 - Race/Hispanic origin**

| **Code or Value** | **Value Description** | **Count** | **Cumulative** |
| --- | --- | --- | --- |
| 1 | Mexican American | 1367 | 1367 |
| 2 | Other Hispanic | 820 | 2187 |
| 3 | Non-Hispanic White | 3150 | 5337 |
| 4 | Non-Hispanic Black | 2115 | 7452 |
| 5 | Other Race - Including Multi-Racial | 1802 | 9254 |
| . | Missing | 0 | 9254 |

**EDUC – Education level**

| **Code or Value** | **Value Description** | **Count** | **Cumulative** |
| --- | --- | --- | --- |
| 1 | Less than 9th grade | 479 | 479 |
| 2 | 9-11th grade (Includes 12th grade with no diploma) | 638 | 1117 |
| 3 | High school graduate/GED or equivalent | 1325 | 2442 |
| 4 | Some college or AA degree | 1778 | 4220 |
| 5 | College graduate or above | 1336 | 5556 |
| 7 | Refused | 2 | 5558 |
| 9 | Don't Know | 11 | 5569 |
| . | Missing | 3685 | 9254 |

**MARTL – Marital Status**

| **Code or Value** | **Value Description** | **Count** | **Cumulative** |
| --- | --- | --- | --- |
| 1 | Married | 2737 | 2737 |
| 2 | Widowed | 462 | 3199 |
| 3 | Divorced | 641 | 3840 |
| 4 | Separated | 202 | 4042 |
| 5 | Never married | 1006 | 5048 |
| 6 | Living with partner | 515 | 5563 |
| 77 | Refused | 6 | 5569 |
| 99 | Don't Know | 0 | 5569 |
| . | Missing | 3685 | 9254 |

**INCOME – Annual Household Income**

| **Code or Value** | **Value Description** | **Count** | **Cumulative** |
| --- | --- | --- | --- |
| 1 | $ 0 to $ 4,999 | 282 | 282 |
| 2 | $ 5,000 to $ 9,999 | 252 | 534 |
| 3 | $10,000 to $14,999 | 399 | 933 |
| 4 | $15,000 to $19,999 | 536 | 1469 |
| 5 | $20,000 to $24,999 | 529 | 1998 |
| 6 | $25,000 to $34,999 | 960 | 2958 |
| 7 | $35,000 to $44,999 | 893 | 3851 |
| 8 | $45,000 to $54,999 | 607 | 4458 |
| 9 | $55,000 to $64,999 | 573 | 5031 |
| 10 | $65,000 to $74,999 | 441 | 5472 |
| 12 | $20,000 and Over | 328 | 5800 |
| 13 | Under $20,000 | 120 | 5920 |
| 14 | $75,000 to $99,999 | 829 | 6749 |
| 15 | $100,000 and Over | 1624 | 8373 |
| 77 | Refused | 170 | 8543 |
| 99 | Don't know | 220 | 8763 |
| . | Missing | 491 | 9254 |

**POVRAT- Ratio of family income to poverty**

|  |
| --- |
|  |
| **Code or Value** | **Value Description** | **Count** | **Cumulative** |
| 0 to 4.98 | Range of Values | 6815 | 6815 |
| 5 | Value greater than or equal to 5.00 | 1208 | 8023 |
| . | Missing | 1231 | 9254 |

**DEPRESSION SCALE**

| **Code or Value** | **Value Description** |
| --- | --- |
| 0 | Not at all/ Not at all difficult |
| 1 | Several days/somewhat difficult |
| 2 | More than half the days/very difficult |
| 3 | Nearly every day/extremely difficult |
| 7 | Refused |
| 9 | Don't know |
| . | Missing |

**DRUG USE Questionnaire**

DUQ200 - Ever used marijuana or hashish

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 1738 | 1738 |  |
| 2 | No | 1461 | 3199 | DUQ240 |
| 7 | Refused | 0 | 3199 | DUQ240 |
| 9 | Don't know | 1 | 3200 | DUQ240 |
| . | Missing | 1372 | 4572 |  |

DUQ210 - Age when first tried marijuana

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 12 to 55 | Range of Values | 1683 | 1683 |  |
| 11 | 11 years or under | 54 | 1737 |  |
| 777 | Refused | 0 | 1737 |  |
| 999 | Don't know | 1 | 1738 |  |
| . | Missing | 2834 | 4572 |  |

DUQ211 - Used marijuana every month for a year?

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 868 | 868 |  |
| 2 | No | 869 | 1737 |  |
| 7 | Refused | 0 | 1737 |  |
| 9 | Don't know | 1 | 1738 |  |
| . | Missing | 2834 | 4572 |  |

DUQ213 - Age started regularly using marijuana

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 12 to 55 | Range of Values | 853 | 853 |  |
| 11 | 11 years or under | 15 | 868 |  |
| 777 | Refused | 0 | 868 |  |
| 999 | Don't know | 0 | 868 |  |
| . | Missing | 3704 | 4572 |  |

DUQ215U - Time since used marijuana regularly/unit

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Days | 348 | 348 |  |
| 2 | Weeks | 51 | 399 |  |
| 3 | Months | 110 | 509 |  |
| 4 | Years | 345 | 854 |  |
| 7 | Refused | 0 | 854 |  |
| 9 | Don't know | 0 | 854 |  |
| . | Missing | 3718 | 4572 |  |

DUQ217 - How often would you use marijuana?

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Once per month | 55 | 55 |  |
| 2 | 2-3 times per month | 117 | 172 |  |
| 3 | 4-8 times per month (about 1-2 times per week) | 169 | 341 |  |
| 4 | 9-24 times per month (about 3-6 times per week) | 187 | 528 |  |
| 5 | 25-30 times per month (one or more times per day) | 340 | 868 |  |
| 7 | Refused | 0 | 868 |  |
| 9 | Don't know | 0 | 868 |  |
| . | Missing | 3704 | 4572 |  |

DUQ219 - How many joints or pipes smoke in a day?

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | 1 per day | 341 | 341 |  |
| 2 | 2 per day | 221 | 562 |  |
| 3 | 3-5 per day | 239 | 801 |  |
| 4 | Six or more per day | 60 | 861 |  |
| 7 | Refused | 2 | 863 |  |
| 9 | Don't know | 5 | 868 |  |
| . | Missing | 3704 | 4572 |  |

DUQ240 - Ever used cocaine/heroin/methamphetamine

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 671 | 671 |  |
| 2 | No | 3473 | 4144 | DUQ370 |
| 7 | Refused | 4 | 4148 | DUQ370 |
| 9 | Don't know | 5 | 4153 | DUQ370 |
| . | Missing | 419 | 4572 |  |

DUQ250 - Ever use any form of cocaine

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 639 | 639 |  |
| 2 | No | 30 | 669 | DUQ290 |
| 7 | Refused | 2 | 671 | DUQ290 |
| 9 | Don't know | 0 | 671 | DUQ290 |
| . | Missing | 3901 | 4572 |  |

DUQ260 - Age first used cocaine

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 12 to 48 | Range of Values | 478 | 478 |  |
| 11 | 11 years or under | 0 | 478 |  |
| 777 | Refused | 0 | 478 |  |
| 999 | Don't know | 0 | 478 |  |
| . | Missing | 4094 | 4572 |  |

DUQ270Q - Last time you used cocaine, in any form

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 to 120 | Range of Values | 477 | 477 |  |
| 7777 | Refused | 0 | 477 |  |
| 9999 | Don't know | 0 | 477 |  |
| . | Missing | 4095 | 4572 |  |

DUQ272 - # of time you used cocaine

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Once | 42 | 42 |  |
| 2 | 2-5 times | 118 | 160 |  |
| 3 | 6-19 times | 85 | 245 |  |
| 4 | 20-49 times | 86 | 331 |  |
| 5 | 50-99 times | 58 | 389 |  |
| 6 | 100 times or more | 88 | 477 |  |
| 77 | Refused | 0 | 477 |  |
| 99 | Don't know | 1 | 478 |  |
| . | Missing | 4094 | 4572 |  |

DUQ280 - # of days used cocaine/month

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 to 30 | Range of Values | 65 | 65 |  |
| 777 | Refused | 0 | 65 |  |
| 999 | Don't know | 0 | 65 |  |
| . | Missing | 4507 | 4572 |  |

DUQ290 - Ever used heroin

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 107 | 107 |  |
| 2 | No | 563 | 670 | DUQ330 |
| 7 | Refused | 1 | 671 | DUQ330 |
| 9 | Don't know | 0 | 671 | DUQ330 |
| . | Missing | 3901 | 4572 |  |

DUQ300 - Age first used heroin

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 13 to 56 | Range of Values | 79 | 79 |  |
| 11 | 11 years or under | 0 | 79 |  |
| 777 | Refused | 0 | 79 |  |
| 999 | Don't know | 0 | 79 |  |
| . | Missing | 4493 | 4572 |  |

DUQ320 - # of days used heroin/month

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 to 30 | Range of Values | 8 | 8 |  |
| 77 | Refused | 0 | 8 |  |
| 99 | Don't know | 0 | 8 |  |
| . | Missing | 4564 | 4572 |  |

DUQ330 - Ever used methamphetamine

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 285 | 285 |  |
| 2 | No | 385 | 670 | DUQ370 |
| 7 | Refused | 0 | 670 | DUQ370 |
| 9 | Don't know | 1 | 671 | DUQ370 |
| . | Missing | 3901 | 4572 |  |

DUQ352 - # times used methamphetamine

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Once | 27 | 27 |  |
| 2 | 2-5 times | 42 | 69 |  |
| 3 | 6-19 times | 42 | 111 |  |
| 4 | 20-49 times | 39 | 150 |  |
| 5 | 50-99 times | 21 | 171 |  |
| 6 | 100 times or more | 59 | 230 |  |
| 77 | Refused | 1 | 231 |  |
| 99 | Don't know | 0 | 231 |  |
| . | Missing | 4341 | 4572 |  |

DUQ360 - # days used methamphetamine/month

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 to 30 | Range of Values | 34 | 34 |  |
| 77 | Refused | 0 | 34 |  |
| 99 | Don't know | 0 | 34 |  |
| . | Missing | 4538 | 4572 |  |

DUQ370 - Ever use a needle to inject illegal drug

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 106 | 106 |  |
| 2 | No | 4042 | 4148 | DUQ426 |
| 7 | Refused | 1 | 4149 | DUQ426 |
| 9 | Don't know | 4 | 4153 | DUQ426 |
| . | Missing | 419 | 4572 |  |

DUQ380A - Drugs injected - Cocaine

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Cocaine | 54 | 54 |  |
| 7 | Refused | 0 | 54 |  |
| 9 | Don't know | 0 | 54 |  |
| . | Missing | 4518 | 4572 |  |

DUQ380B - Drugs injected - Heroin

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 2 | Heroin | 54 | 54 |  |
| . | Missing | 4518 | 4572 |  |

DUQ380C - Drugs injected - Methamphetamine

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 3 | Methamphetamine | 34 | 34 |  |
| . | Missing | 4538 | 4572 |  |

DUQ390 - Age first injected drugs

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 13 to 61 | Range of Values | 104 | 104 |  |
| 11 | 11 years or under | 0 | 104 |  |
| 777 | Refused | 1 | 105 |  |
| 999 | Don't know | 1 | 106 |  |
| . | Missing | 4466 | 4572 |  |

DUQ410 - # times injected drugs/lifetime

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Once | 11 | 11 | DUQ430 |
| 2 | 2-5 times | 26 | 37 |  |
| 3 | 6-19 times | 11 | 48 |  |
| 4 | 20-49 times | 14 | 62 |  |
| 5 | 50-99 times | 8 | 70 |  |
| 6 | 100 times or more | 35 | 105 |  |
| 77 | Refused | 1 | 106 |  |
| 99 | Don't know | 0 | 106 |  |
| . | Missing | 4466 | 4572 |  |

DUQ420 - How often did you inject drugs

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | More than once a day, | 37 | 37 |  |
| 2 | About once a day, | 20 | 57 |  |
| 3 | At least once a week but not every day, | 12 | 69 |  |
| 4 | At least once a month but not every week, | 7 | 76 |  |
| 5 | Less than once a month | 17 | 93 |  |
| 7 | Refused | 1 | 94 |  |
| 9 | Don't know | 1 | 95 |  |
| . | Missing | 4477 | 4572 |  |

DUQ430 - Ever been in rehabilitation program

| **Code or Value** | **Value Description** | **Count** | **Cumulative** | **Skip to Item** |
| --- | --- | --- | --- | --- |
| 1 | Yes | 186 | 186 |  |
| 2 | No | 1579 | 1765 |  |
| 7 | Refused | 0 | 1765 |  |
| 9 | Don't know | 0 | 1765 |  |
| . | Missing | 2807 | 4572 |  |