



## 2010 NHAS Cross-sectional Survey - Public Data

Data Description

Ver. 1.0

July 2017

Contact:

Aging with Pride: National Health, Aging, and Sexuality/Gender Study (NHAS)  
4101 15th Avenue NE  
Seattle, WA 98105-6299  
1-800-558-8703  
AgePride@uw.edu

Suggested citation: Fredriksen-Goldsen, K. I., Kim, H.-J. (2017). Aging with Pride: National Health, Aging, and Sexuality/Gender Study, 2010 NHAS Cross-sectional Survey - Public Data, Data Description Ver. 1.0., Healthy Generations, Hartford Center of Excellence: University of Washington. Seattle, WA, USA.

## TABLE OF CONTENTS

Methodology .....	1
Processing Notes .....	1
Key Terms and Measures.....	2
<i>Socio-demographic characteristics</i> .....	2
<i>Resilience</i> .....	3
<i>Health risks</i> .....	3
<i>Mental health</i> .....	5
<i>Healthcare access</i> .....	5
<i>Health behaviors</i> .....	5
<i>Health risk behaviors</i> .....	6
<i>Services, programs, and legal arrangements</i> .....	6
<i>Caregiving and care receiving</i> .....	6
References .....	7
Codebook .....	8

## 1. Methodology

This study utilized a cross-sectional survey design and collaborated with eleven agencies across the United States to better understand the risk and protective factors impacting the health and well-being of lesbian, gay, bisexual, and transgender (LGBT) older adults, defined as aged 50 years and older.

Data was gathered over a six-month period from June 2010 to November 2010 via a self-administered survey questionnaire. Participating agencies mailed 4,650 paper surveys with invitation letters via agency contact lists. Two weeks following the initial distribution of the survey, a reminder letter was sent. Two weeks later, a second reminder letter was sent. Of the surveys, 647 were not mailed, 245 had incomplete addresses and 157 were not deliverable (e.g., wrong address or deceased). In addition, 81 of the returned surveys did not meet criteria for inclusion in the study (e.g., respondent was not LGBT or was younger than 50 years of age). A total of 2,201 usable surveys were returned via mail for a response rate of 63 percent.

For the agencies with electronic mailing lists, a similar web-based survey was used. The same protocol for survey distribution was used: an electronic invitation letter including a web link for the survey was sent, with a two-week reminder. Two weeks after the first reminder, a follow-up reminder was sent; 390 electronic surveys were returned. Of these, 31 did not meet criteria for inclusion in the study. Thus, a total of 359 electronic surveys were obtained.

The total N for the survey including both mail and electronic surveys was 2,560, the largest sample to date of LGBT older adults. All study procedures were reviewed and approved by the University of Washington Institutional Review Board.

## 2. Processing Notes

- 1) Restricted-Use/Confidentiality:** Users interested in obtaining these data from NHAS must send a signed NHAS Data Request Application to [AgePride@uw.edu](mailto:AgePride@uw.edu) or Aging with Pride, University of Washington, 4101 15<sup>th</sup> Ave NE, Seattle, WA 98195-9472. After receipt of the application it will be reviewed by the Data Access Review Committee. If approved, Investigator(s) must sign an NHAS Data Use Agreement and send it to [AgePride@uw.edu](mailto:AgePride@uw.edu) or Aging with Pride, University of Washington, 4101 15<sup>th</sup> Ave NE, Seattle, WA 98195-9472. Users can download these forms from [AgePride.org](http://AgePride.org) on the Researchers' tab.
- 2) Sequential Record Identifier:** The original study identification numbers of the participants are not included in this public data. NHAS created a unique sequential record identifier named *case id* for the NHAS 2010 Survey Public Data.
- 3) To minimize the risk of indirect identification and increase data confidentiality,** sub-state geographic identifiers (county, city, and zip code) and sensitive variables (e.g. HIV/AIDS diagnosis year) are excluded from the NHAS 2010 Survey Public Data.
- 4) Responses to open-ended questions are not included in the NHAS 2010 Survey Public Data.** Responses to "Other: Please Specify" were reviewed and back-coded to existing categories if applicable.

### 3. Key Terms and Measures

Below are descriptions of the key terms and measures used in this data. Variable names corresponding to each measure are shown in parentheses.

#### **Socio-demographic characteristics**

*Sexual orientation (sexorien64)*: Participants were asked to select from the following categories: gay; lesbian; bisexual; heterosexual or straight; or other.

*Gender identity (transgen, transgen\_s, out1trgen, out2trgen)*: Assessed by the following questions: “Are you transgender?” (yes or no), and “How old were when you first considered yourself transgender?” Participants were also asked: “If transgender, are you female to male (FTM), male to female (MTF), or other?”

*Sex (gendr)*: Participants were asked to select from the following categories: female; male; or other.

*Age (age\_c, impage3\_80)*: Calculated from participants’ year of birth at the time of survey response. To protect confidentiality, participants aged 80 and older were collapsed into a single age category.

*Race and ethnicity (hispanic, racehisp8)*: Participants were asked whether they were Hispanic or Latino (yes or no) and were asked to select their race. The data provide a race/ethnicity variable: Hispanic; non-Hispanic White; non-Hispanic Black or African American; non-Hispanic Asian; non-Hispanic Native Hawaiian or Other Pacific Islander; non-Hispanic American Indian or Alaskan Native; non-Hispanic other; or non-Hispanic multiracial.

*Income (income6)*: Participants selected their annual household income from the following categories: less than \$20,000; \$20,000 to \$24,999; \$25,000 to \$34,999; \$35,000 to \$49,999; \$50,000 to \$74,999; \$75,000 or more.

*Education (educa)*: Determined by the highest grade of school completed. Categories included: never attended school or only attended kindergarten; grades 1 – 8; grades 9 – 11; grade 12 or GED; college 1 – 3 years; college 4 or more years.

*Employment (employ, v05a1, v05a2, v05a3, v05a4, v05a5)*: Participants were asked if they had been employed full or part-time during the past 12 months (yes or no). If not employed, they were asked for the main reason they were not working. Categories included: retired; ill or disabled; taking care of home or family; unable to find work; or doing something else.

*Military service (milit)*: Participants were asked if they had served in the military (yes or no).

*Relationship status (relation2)*: Participants were asked to select their current relationship status: single, partnered, married, divorced, widowed, or separated. Relationship status was dichotomized: married or partnered; or other.

*Living arrangement (lvarr, lvpartn, lvfam, lvnonfam)*: Participants selected from the following categories: living alone; with a partner/spouse; with other family members; or with non-family members.

*Death of same-sex partner (loss)*: Participants were asked whether they had experienced the death of a same-sex partner or spouse (yes or no).

*Housing (housing)*: Determined by asking participants to select the type of housing in which they currently lived. Categories included: own a house or apartment; rent; senior housing; assisted living; nursing home; homeless; or other.

*Geographic location (rucacode)*: Urbanity was determined by RUCA codes (<http://depts.washington.edu/uwruca/ruca-codes.php>).

## **Resilience**

*Disclosure (out\_mom, out\_dad, out\_bro, out\_sis, out\_child, out\_gchild, out\_gparent, out\_friend, out\_superv, out\_neighbor, out\_faith, out\_physician, outness)*: This study modified the 12-item Outness Inventory scale<sup>1</sup> and used a 4-point Likert scale to measure whether specific individuals knew the participants' sexual orientation or gender identity, including mother; father; brothers; sisters; children; grandchildren; grandparents; best friend; current or most recent work supervisor; neighbors; faith community; and primary physician. Participants' average "outness" scores were calculated from 12 items to examine the overall level of outness. The range of the score is 1 to 4 with higher scores indicating greater levels of disclosure.

*Community belonging (colest\_f, colest\_g, colest)*: Measured by asking to what degree participants agreed with the statement "I feel good about belonging to the LGBT community," measured on a 4-point Likert scale. The measure was adapted from the Collective Self-Esteem scale.<sup>2</sup> Higher scores indicate greater community belonging.

*Social network size (v72aa, v72ba, v72ca, v72da, v72ea, v72ab, v72bb, v72cb, v72db, v72eb, network, networkquar)*: Assessed by asking participants how many people (e.g. friends, family members, colleagues, and neighbors) they had interacted with in a typical month. Participants were also asked to report the size of their social networks by sexual orientation and gender identity as well as by age (50 and older and younger than 50). Networks were summed to calculate the total social network size and categorized by quartiles so eliminate potential outlier effects, with 1 indicating a small network (bottom 25%) and 4 indicating a large social network (top 25%).

*Social support (socsup1, socsup2, socsup3, socsup4, socsup)*: The 4-item abbreviated Social Support Instrument<sup>3</sup> was adapted to measure the degree of perceived social support, using a 4-point Likert scale. The items measured if participants had someone they could turn to for instrumental support (i.e. "to help with daily chores if you were sick") and emotional support (i.e. "to do something enjoyable with"). Higher scores indicate greater social support.

*Religious and spiritual activity (relignum)*: Participants were asked how often during the past thirty days they had attended spiritual or religious services or activities.

## **Health risks**

*Victimization (disc\_a – disc\_f, disc\_n – disc\_p, vict\_g – vict\_m, discr\_sum, vict\_sum, discvict)*: Assessed using 16 items adapted from the 9-item MacArthur Foundation National Survey of Midlife Development in the United States (MIDUS)<sup>4</sup> and a 7-item victimization survey.<sup>5</sup> Participants were asked how many times in their lives ("never, once, twice, three or more times") they had experienced types of

victimization and discrimination related to their actual or perceived sexual orientation or gender identity. Examples include being denied healthcare or provided with inferior healthcare; being hassled by the police; physical or verbal assault; being denied a job; being fired from a job; or being prevented from living in a neighborhood. A 4-point Likert scale was used, with higher scores indicating more experiences of victimization.

*Internalized stigma (stg\_a – stg\_e, stigma):* A 5-item measure (using a 4-point Likert scale) adapted from Bruce,<sup>6</sup> which asks participants to what extent they agree with various statements related to their sexual or gender identity, such as "I wish I weren't lesbian, gay, bisexual or transgender," "I have tried to not be lesbian, gay, bisexual or transgender," and "I feel that being lesbian, gay, bisexual or transgender is a personal shortcoming for me." The range is 1 to 4 with higher scores indicating higher levels of internalized stigma.

*Abuse by a partner, family member, or close friend (physviol, verbalviol):* Physical abuse was assessed by whether "in the past year" the participant had been "hit, slapped, pushed, shoved, punched, or threatened with a weapon" by a partner, family member or close friend. Verbal abuse was assessed by whether "in the past year" the participant was "severely criticized, made fun of, told you were stupid or worthless, or threatened verbally to harm you, your possessions or pets" by a partner, family member or close friend.

*Physical health (v20a – v20d, qolphy):* Measured using four items of the SF-8 Health Survey.<sup>7</sup> The scale measures a participant's overall subjective assessment of physical health. The range is 0 to 100 with higher scores indicating better perceived physical health. In addition, an individual item was utilized to measure general health: "Overall, how would you rate your health during the past 4 weeks?" Response categories were dichotomized as poor (very poor; poor; fair) and good (good; very good; excellent).

*Disability (limitact, equip, disable):* Defined as being limited in any activities due to physical, mental, or emotional problems, or having any health problem that requires the use of special equipment (e.g. cane, special telephone), based on the definition recommended by *Healthy People 2010*.<sup>8</sup>

*Vision, hearing, and dental impairments (seeing, hearing, dental):* Determined by asking participants whether they had trouble with seeing "even when wearing glasses or contact lenses" or hearing "even when wearing your hearing aid." They were also asked if they had a dental problem that needed dental care.

*Obesity (height, weight, bmi):* Based on participant's self-reported weight and height (calculated by Body Mass Index  $\geq 30\text{kg/m}^2$ ).<sup>9</sup>

*Health conditions (diab, highbp, hichol, hrtattack, angina, strok, arthri, hrtfail, catar, asthma, cancer, colon, breast, lungc, prosc, otherc, hepat, osteo, hiv, aids, msclero, depress, anxiety):* Measured by asking whether the participant had ever been told by a health professional that they had one or more of the following conditions: diabetes; high blood pressure; high cholesterol; heart attack; angina; stroke; congestive heart failure; cataracts; arthritis; asthma; cancer (specifically colon/rectal, breast, lung, prostate, or other); hepatitis; osteoporosis; HIV; AIDS; multiple sclerosis; depression; or anxiety. Cardiovascular disease (CVD) was defined as having had a heart attack, angina, or stroke.<sup>10</sup>

## Mental health

*General mental health (v20e – v20h, qolmen)*: Measured using four items of the SF-8 Health Survey.<sup>7</sup> The scale measures a participant's overall subjective assessment of their mental health. The range is 0 to 100, with higher scores indicating better perceived mental health.

*Depression (cesd\_a – cesd\_j, cesd)*: The 10-item short form of the Center for Epidemiological Studies Depression Scale (CES-D), was utilized to measure current depressive symptomatology.<sup>11</sup> Scores range from 0 – 30, with a score of 10 or higher indicating depressive symptomatology at a clinical level.<sup>12</sup>

*Suicidal ideation (suicide, suicide\_sub)*: Assessed by the following question: “Have you ever seriously thought of taking your own life?” (yes or no). Those who responded in the affirmative were asked if their suicidal thoughts were related to their sexual orientation or gender identity.

*Stress (pss\_1 – pss\_4, pss4)*: Measured using the 4-item Perceived Stress Scale (PSS4), which assesses the degree to which participants perceive the events and situations in their lives during the preceding month as being stressful.<sup>13</sup> Utilizing a 5-point Likert scale, questions included such items as “in the last month, how often have you felt that you were unable to control the important things in your life?” Higher scores indicate greater levels of perceived stress.

*Loneliness (lone1, lone2, lone3, lone)*: Assessed with the 3-item Loneliness Scale,<sup>14</sup> which measures subjective perceptions of feeling a sense of not-belonging, isolation, and disconnection. Utilizing a 3-point Likert scale, participants were asked questions such as: “How often do you feel isolated from others?” Higher scores indicate greater levels of loneliness.

*Neglect (neglect)*: Measured by asking participants how many days during the previous week they felt they did not have their “own basic needs met such as food, cleanliness, or safety.” Higher scores indicate greater levels of neglect.

## Healthcare access

*Healthcare access (ins\_mcare, ins\_mcaid, ins\_prvhlth, ins\_prvlong, ins\_va, ins\_indian, uninsured, ins\_other, bar\_doc, bar\_med, hlthprvd, checkup, emergen, v26a)*: Assessed by: health insurance coverage; financial barriers (whether a participant had experienced a financial barrier to seeing a doctor in the last 12 months or a financial barrier to obtaining medication); healthcare provider (whether a participant had a personal doctor or healthcare provider); routine checkup (whether a participant had a routine checkup in the preceding year); and emergency room use (whether a participant visited a hospital emergency room for his/her own health in the preceding year).

*Fear accessing services (v66h, v66i)*: Participants were asked to what extent they feared accessing healthcare services *inside* the LGBT community, and to what extent they feared accessing healthcare services *outside* the LGBT community.

## Health behaviors

*Physical activities (modact, modnum, vigact, vignum)*: Adapted from BRFSS, physical activity was defined as *moderate* if a participant engaged in activities “such as brisk walking, bicycling, vacuuming, gardening, or anything else that causes some increase in breathing or heart rate,” for ten or more minutes at a time in a usual week. *Vigorous* exercise was defined as activities “such as running, aerobics, heavy yard work,

or anything else that causes a large increase in breathing or heart rate" for ten or more minutes at a time in an average week.

*Wellness activities (wellact, wellnum)* included reading; meditation; drawing; painting; crafts; photography; and other activities that promote wellness.

*Sexual activity (v38)*: Participants were asked with whom they had engaged in sex during the past 12 months (men only; women only; both men and women; or have not had sex).

*Health screening (bldstool, colonosc, osteotst, hivtst, mammo, paptst, psa)*: Participants were asked how long it had been since they had the following screenings: a blood stool test using a home kit; colonoscopy; osteoporosis test; HIV test; mammogram; Pap smear; or a prostate-specific antigen test.

### **Health risk behaviors**

*Current smoking (v43, v43a, smoker4, smoknow)*: Defined as having ever smoked 100 or more cigarettes and currently smoking every day or some days.<sup>15</sup>

*Excessive drinking (bingdrk2)*: Defined as having had five or more drinks (men) or four or more drinks (women) on one occasion during the past 30 days.<sup>16</sup>

*Drug use, non-prescribed (druguse)*: Defined as having used drugs other than those required for medical reasons during the past 12 months.

### **Services, programs, and legal arrangements**

*Services and programs (v02a – v02r)*: Participants were asked if they were currently using programs or services for older adults in the LGBT community. In addition, participants indicated what programs and services they thought were most important in the LGBT community to meet the needs of older adults. Services listed included: transportation; meals delivered to home; meals at a center or agency; short term help or relief for a caregiver; personal care (such as bathing, grooming); referral for services; in-home health services; social events; senior housing; adult day care; assisted living; nursing homes; support groups; legal services; fitness and exercise programs; physical/occupational/speech therapy; care management; and other services.

*Will (will)*: Participants were asked whether or not they had a will (yes or no).

*Durable power of attorney for healthcare (poa, nopoa)*: Participants were asked whether they had a durable power of attorney for healthcare (yes or no). Those who answered no were also asked if they knew someone they would be comfortable with in this role.

### **Caregiving and care receiving**

*Caregiving (careprov, crrelation, crsexorien, crgender, crtransgen, v75e, crliving, crlong, caretype1 – caretype4, v75i, caremoney, crcare)*: Assessed by asking participants if they currently assisted a partner/spouse, friend, or family member as a result of a health issue or other needs. For those who indicated they were caregivers, additional questions included: background characteristics (sexual orientation, gender, transgender identity, age, relationship, living arrangement) for the person that they

helped the most; the duration of the caregiving relationship; and the number of hours spent in a typical week providing care. Additionally, participants were asked what type of care they provided, approximately how much money they spent in a typical month helping the care recipient, and whether their care recipients also provided help to caregiver participants.

*Care receiving (carerecv, cgrelation, cgsexorien, cggender, cgtransgen, v51e, cgliving, cglong, cghour, cghealth, cgcare)*: Assessed by asking if participants currently received help from a partner/spouse, friend, or family member as a result of a health issue or other needs. Those who indicated they were care recipients were asked about background characteristics (sexual orientation, gender, transgender identity, age, relationship, living arrangement) for the person who helped them most, the duration of the caregiving relationship, and the number of hours spent in a typical week receiving care.

## References

1. Mohr J, Fassinger R. Measuring dimensions of lesbian and gay male experience. *Measurement and Evaluation in Counseling and Development*. 2000; 33(2): 66 - 90.
2. Luhtanen R, Crocker J. A Collective Self-Esteem Scale: Self-evaluation of one's social identity. *Personality and Social Psychology Bulletin*. 1992; 18(3): 302 - 18.
3. Sherbourne CD, Stewart AL. The MOS social support survey. *Social Science and Medicine*. 1991; 32(6): 705 - 14.
4. D'Augelli A, Grossman A. Disclosure of sexual orientation, victimization, and mental health among lesbian, gay, and bisexual older adults. *Journal of Interpersonal Violence*. 2001; 16(10): 1008 - 27.
5. Pilkington NW, D'Augelli AR. Victimization of lesbian, gay, and bisexual youth in community settings. *Journal of Community Psychology*. 1995; 23: 34 - 56.
6. Herek GM, Cogan JC, Gillis JR, Glunt EK. Correlates of internalized homophobia in a community sample of lesbians and gay men. *Journal of the Gay and Lesbian Medical Association*. 1998; 2: 17 - 25.
7. Ware JE, Kosinski M, Dewey JE, Gandek B. How to score and interpret single-item health status measures: A manual for users of the SF-8 Health Survey. Lincoln, RI: QualityMetric; 2001.
8. Department of Health and Human Services, U.S. *Healthy People 2010: Understanding and improving health*. Washington, DC: U.S. Department of Health and Human Services; 2000.
9. Centers for Disease Control and Prevention. Overweight and obesity: Defining overweight and obesity. 2010 June 21, 2010 [cited 2011 March 12]; Available from: <http://www.cdc.gov/obesity/defining.html>
10. Centers for Disease Control and Prevention. *Behavioral Risk Factor Surveillance System Survey Questionnaire*. Atlanta, GA: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention; 2011.
11. Radloff LS. The CES-D scale: A self-report depression scale for research in the general population. *Applied Psychological Measurement*. 1977; 1: 385 - 401.
12. Andresen EM, Malmgren JA, Carter WB, Patrick DL. Screening for depression in well older adults: Evaluation of a short form of the CES-D (Center for Epidemiologic Studies Depression Scale). *American Journal of Preventive Medicine*. 1994; 10(2): 77 - 84.
13. Cohen S, Kamarck T, Mermelstein R. A global measure of perceived stress. *Journal of Health and Social Behavior*. 1983; 24(4): 385 - 96.
14. Hughes ME, Waite LJ, Hawkey LC, Cacioppo JT. A short scale for measuring loneliness in large surveys: Results from two population-based studies. *Research on Aging*. 2004; 26(6): 655 - 72.
15. Centers for Disease Control and Prevention. Cigarette smoking among adults -- United States, 1992, and changes in the definition of current cigarette smoking. *Morbidity and Mortality Weekly Report*. 1994; 43(19): 342 - 6.

16. Centers for Disease Control and Prevention. Alcohol and public health: Fact sheets: Alcohol use and health. 2011 [cited 2011 15]; Available from: <http://www.cdc.gov/alcohol/fact-sheets/alcohol-use.htm>

#### 4. Codebook

Data filename: 2010CAPdata\_public\_ver1.0.dta

Q. #	Items	Var.	Response Category
	Study ID	case_id	Numeric
	Survey mode: Paper or Online	qver	1=Paper 2=Online
1	Are you <u>currently</u> using programs or services for older adults in the LGBT community?	curuse	1=Yes 0=No
2	Please indicate the programs you think are the most important in the LGBT community to meet the needs of older adults. (PLEASE MARK ALL THAT APPLY)		
	Transportation	v02a	1=Yes 0=No
	Meals delivered to home	v02b	
	Meals at a center or agency	v02c	
	Short term help or relief for a caregiver	v02d	
	Personal care (bathing, grooming, etc)	v02e	
	Referral for services	v02f	
	In-home health services	v02g	
	Social events	v02h	
	Senior housing	v02i	
	Adult day care	v02j	
	Assisted living	v02k	
	Nursing home	v02l	
	Support groups	v02m	
	Legal services	v02n	
	Fitness and exercise programs	v02o	
	Physical/occupational/speech therapy	v02p	
	Care management	v02q	
	Other services	v02r	
3	Age	age_c	Actual value 80 = age 80 +
		impage3_80	1=50-64 2=65-79 3=80 and older
4	What is the highest grade or year of school you completed?	educa	1= Never attended school or only attended kindergarten 2=Grades 1 through 8 3=Grades 9 through 11 4=Grade 12 or GED 5=College 1 year to 3 years 6=College 4 years or more
5	Have you been employed full or part-time during the <u>past 12 months</u> ?	employ	1=Employed 0=Unemployed

Q. #	Items	Var.	Response Category
5a	If No, what was the main reason you did not work in the <u>past 12 months</u> ?		
	Retired	v05a1	1=Yes 0=No
5b	(If retired) In what year? – year of retirement	v05b	Actual value
	Ill, disabled	v05a2	1=Yes 0=No
	Taking care of home or family	v05a3	1=Yes 0=No
	Unable to work	v05a4	1=Yes 0=No
	Doing something else	v05a5	1=Yes 0=No
6	What is your living arrangement? ( <u>PLEASE MARK ALL THAT APPLY</u> )		
	Alone	lvarr	1=Living alone 0=Living with others
	with a partner/spouse	lvpartn	1=Yes 0=No
	with other family members	lvfam	
	with non-family members	lvnonfam	
7	Do you have children?	child	1=Yes 0=No
7a	(If YES) What are their ages?		
	First	v07a	Actual value
	Second	v07b	Actual value
	Third	v07c	Actual value
	Fourth	v07d	Actual value
	Fifth	v07e	Actual value
	Sixth	v07f	Actual value
8	Do you have grandchildren?	gchild	1=Yes 0=No
8a	(If YES) What are their ages?		
	First	v08a	Actual value
	Second	v08b	Actual value
	Third	v08c	Actual value
	Fourth	v08d	Actual value
	Fifth	v08e	Actual value
	Sixth	v08f	Actual value
9	How many people (including yourself) live in your household?	hsize	Actual value
10	What type of housing do you currently live?	housing	1= Own house/own apartment 2=Rent house/apartment/room 3=Senior housing 4=Assisted living 5=Nursing home with available medical personnel

Q. #	Items	Var.	Response Category
			6=Homeless 7=Other
11	RUCA codes (See <a href="http://depts.washington.edu/uwruca/ruca-codes.php">http://depts.washington.edu/uwruca/ruca-codes.php</a> ) based on ZIP code	rucacode	
12	Are you Hispanic or Latino?	hispanic	1=Hispanic 0=Non-Hispanic
13	Race/ethnicity	racehisp8	1=White, non-Hispanic 2=Black or African American, non-Hispanic 3=Asian, non-Hispanic 4=NHPI, non-Hispanic 5=AIAN, non-Hispanic 6=Other, non-Hispanic 7=Multiracial, non-Hispanic 8=Hispanic
14	Sexual identity. Do you consider yourself to be:	sexorien64	1= Gay/lesbian 2=Bisexual 3=Heterosexual or Straight 4=Other
15	Sex	gendr	1=Female 2=Male 3=Other
16	Are you transgender? If v63 or v64 were answered, transgen=1.	transgen	1=Transgender 0=Not transgender
16a	If YES	transgen_s	1=Female to Male (FTM) 2=Male to Female (MTF) 3=Other
17	What is your current relationship status?	relation2	1=Married or partnered 0=Other
17a	If partnered or married, how long have you been in this relationship? mplength = 12*years+months	mplength	Actual values in months
18	Do you have a pet or pets?	pet	1=Yes 0=No
19	Below are five statements with which you may agree or disagree. Indicate your agreement with each item.		
	a. In most ways, my life is close to my ideal.	v19a	1=Strongly Agree 2= Agree 3= Disagree 4= Strongly disagree
	b. The conditions of my life are excellent.	v19b	
	c. I am satisfied with my life.	v19c	
	d. So far, I have gotten the important things I want in life.	v19d	
	e. If I could live my life over, I would change almost nothing.	v19e	
	Life satisfaction (mean of v19a through v19e) Excluded if # of missing greater than 2.	life	Range: 1 (satisfied)-4 (not satisfied)
20	Answer every question below. If you are unsure about how to answer a question, please give the best answer you can.		

Q. #	Items	Var.	Response Category
	a. Overall, how would you rate your health during the <u>past 4 weeks</u> ?	v20a	1=Excellent 2=Very good 3=Good 4=Fair 5=Poor 6=Very poor
	Recode of v20a (1=100)(2=80)(3=60)(4=40)(5=20)(6=0)	qolphy1	
	Dichotomized general health	genhlth2	0=Excellent/good 1=Fair/very poor
	b. How much bodily pain have you had during the <u>past 4 weeks</u> ?	v20b	1=None 2=Very mild 3=Mild 4=Moderate 5=Severe 6=Very Severe
	Recode of v20b (1=100)(2=80)(3=60)(4=40)(5=20)(6=0)	qolphy2	
	c. During the <u>past 4 weeks</u> , how much did physical health problems limit your usual physical activities (such as walking or climbing stairs)?	v20c	1=Not at all 2=Very Little 3=Somewhat 4=Quite a lot 5=Could not do
	Recode of v20c (1=100)(2=75)(3=50)(4=25)(5=0)	qolphy3	
	d. During the <u>past 4 weeks</u> , how much difficulty did you have doing your daily work, both at home and away from home, because of your physical health?	v20d	1=None at all 2=A little bit 3=Some 4=Quite a lot 5=Could not do
	Recode of v20d (1=100)(2=75)(3=50)(4=25)(5=0)	qolphy4	
	e. During the <u>past 4 weeks</u> , how much energy did you have?	v20e	1=Very much 2=Quite a lot 3=Some 4=A little 5=None
	Recode of v20e (1=100)(2=75)(3=50)(4=25)(5=0)	qolmen1	
	f. During the <u>past 4 weeks</u> , how much did your physical health or emotional problems limit your usual social activities with family or friends?	v20f	1=Not at all 2=Very little 3=Somewhat 4=Quite a lot 5=Could not do
	Recode of v20f (1=100)(2=75)(3=50)(4=25)(5=0)	qolmen2	
	g. During the <u>past 4 weeks</u> , how much have you been bothered by <u>emotional problems</u> (such as feeling anxious, depressed or irritable)?	v20g	1=Not at all 2=Slightly 3=Moderately 4=Quite a lot 5=Extremely

Q. #	Items	Var.	Response Category
	Recode of v20g (1=100)(2=75)(3=50)(4=25)(5=0)	qolmen3	
	h. During the <u>past 4 weeks</u> , how much did personal or emotional problems keep you from doing your usual work or other daily activities?	v20h	1=Not at all 2=Very little 3=Somewhat 4=Quite a lot 5=Could not do
	Recode of v20h (1=100)(2=75)(3=50)(4=25)(5=0)	qolmen4	
	Health related quality of life – Physical health Mean of qolphy1 through qolphy4	qolphy	Range: 0 to 100
	Health related quality of life – mental health Mean of qolmen1 through qolmen4	qolmen	Range: 0 to 100
21	The questions below ask you about your feelings and thoughts. In each case, please indicate how often you felt or thought a certain way.		
	a. In the <u>past 4 weeks</u> , how often have you felt that you were unable to control the important things in your life?	pss_1	0=never 1=almost never 2=sometimes 3=fairly often 4=very often
	b. In the <u>past 4 weeks</u> , how often have you felt confident about your ability to handle your personal problems?	pss_2	4=never 3=almost never 2=sometimes 1=fairly often 0=very often
	c. In the <u>past 4 weeks</u> , how often have you felt that things were going your way?	pss_3	2=sometimes 1=fairly often 0=very often
	d. In the <u>past 4 weeks</u> , how often have you felt difficulties were piling up so high that you could not overcome them?	pss_4	0=never 1=almost never 2=sometimes 3=fairly often 4=very often
	Perceived Stress Scale mean of pss_1, pss_2, pss_3, pss_4 Excluded if # of missing greater than 2	pss4	Range: 0 (low stress)-4 (high stress)
22	Below is a list of the ways you might have felt or behaved. Please indicate how often you have felt this way during the <u>past week</u> .		
	a. I was bothered by things that usually don't bother me.	cesd_a	0= (< 1 day)
	b. I had trouble keeping my mind on what I was doing.	cesd_b	1=(1-2 days)
	c. I felt depressed.	cesd_c	2=(3-4 days)
	d. I felt that everything I did was an effort.	cesd_d	3=(5-7 days)
	e. I felt hopeful about the future.	cesd_e	3= (< 1 day) 2=(1-2 days) 1=(3-4 days) 0=(5-7 days)
	f. I felt fearful.	cesd_f	0= (< 1 day)
	g. My sleep was restless.	cesd_g	1=(1-2 days) 2=(3-4 days) 3=(5-7 days)
	h. I was happy.	cesd_h	3= (< 1 day) 2=(1-2 days)

Q. #	Items	Var.	Response Category
			1=(3-4 days) 0=(5-7 days)
	i. I felt lonely.	cesd_i	0= (< 1 day)
	j. I could not "get going".	cesd_j	1=(1-2 days) 2=(3-4 days) 3=(5-7 days)
	CESD-10 Sum of cesd_a through cesd_j *not computed if more than 2 items are missing	cesd	Range: 0-30
	Neglect: k. I did not have my own basic needs met such as food, cleanliness, or safety.	neglect	0= < 1 day) 1=(1-2 days) 2=(3-4 days) 3=(5-7 days)
23	Do you have one person you think of as your personal doctor or health care provider?	hlthprvd	1=Yes, only one 2=More than one 3=No
24	About how long has it been since you last visited a doctor for a routine checkup? A routine checkup is a general physical exam, not an exam for a specific injury, illness, or condition.	checkup	1=Within past 1 yr 2=Within past 2 yrs 3=Within past 5 yrs 4=5 or more years ago 5=never
25	Please mark the situations that occurred to you in the <u>past 12 months</u> . (PLEASE MARK ALL THAT APPLY.)		
	You needed to see a doctor but could not because of cost.	bar_doc	1=Yes 0=No
	You needed to have medication but could not because of cost.	bar_med	1=Yes 0=No
26	During the <u>past 12 months</u> , did you visit a hospital emergency room for your own health?	emergen	1=Yes 0=No
26a	(If YES) How many times?	v26a	Actual value
27	In general, people with larger incomes can more easily get medical care. Select a category that best describes YOUR HOUSEHOLD income before taxes for all of 2009. Please include the income of everyone in your household who contributed to your household income.	income6	1=less than \$20,000 2=\$20,000 to \$24,999 3=\$25,000 to \$34,999 4=\$35,000 to \$49,999 5=\$50,000 to \$74,999 6=\$75,000 or more
28	What type of health care coverage do you have? (PLEASE MARK ALL THAT APPLY)		
	Medicare	ins_mcare	1=Yes 0=No
	Medicaid	ins_mcaid	1=Yes 0=No
	Private Insurance: Health/Medical	ins_prvhlth	1=Yes 0=No
	Private Insurance: Long-term care	ins_prvlong	1=Yes 0=No
	Veteran's Administration	ins_va	1=Yes 0=No
	Indian Health Service	ins_indian	1=Yes 0=No

Q. #	Items	Var.	Response Category
	Uninsured	uninsured	1=Yes 0=No
	Other	ins_other	1=Yes 0=No
29	Are you limited in any way in any activities because of physical, mental, or emotional problems?	limitact	1=Yes 0=No
30	Do you now have any health problem that requires you to use special equipment, such as a cane, a wheelchair, a special bed, or a special telephone? (including occasional use)	equip	1=Yes 0=No
	Disability: limited activities (limitact) or using a special equipment (equip)	disable	1=yes 0=no
31	In a usual week, do you do moderate activities for at least 10 minutes at a time, such as brisk walking, bicycling, vacuuming, gardening, or anything else that causes some increase in breathing or heart rate?	modact	1=Yes 0=No
	How many times per week?	modnum	Actual value
32	In a usual week, do you do vigorous activities for at least 10 minutes at a time, such as running, aerobics, heavy yard work, or anything else that causes large increase in breathing or heart rate?	vigact	1=Yes 0=No
	How many times per week?	vignum	Actual value
33	In a usual week, do you do any of the following activities: reading, meditation, drawing, painting, crafts, photography, or other activities that promote your wellness?	wellact	1=Yes 0=No
	How many times per week?	wellnum	Actual value
34	Do you have trouble with any of the following? (PLEASE MARK ALL THAT APPLY)		
	Seeing (even when wearing glasses or contact lenses)	seeing	1=Yes (marked) 0=No
	Hearing (even when wearing your hearing aid)	hearing	1=Yes (marked) 0=No
	Dental problem (need dental care)	dental	1=Yes (marked) 0=No
35	About how tall are you without shoes?		
		height	Actual value in inches
36	About how much do you weigh?	weight	Actual value in lbs
		bmi	$=(\text{weight}/(\text{height}^2))*703$
		bmi4	1=underweight 2=normal 3=overweight 4=obese
37	Are you now trying to lose or gain weight?	v37	1=Trying to lose weight 2=Trying to gain weight 3=Neither
38	In the <u>past 12 months</u> who have you had sex with?	v38	1=Men only 2=Women only 3=Both men and women 4=I have not had sex

Q. #	Items	Var.	Response Category
39	Has a doctor ever told you that you had any of the following? (Please mark all that apply)		
	Diabetes	diab	1=Yes (marked) 0=No
	High blood pressure	highbp	
	High cholesterol	hichol	
	Heart attack	hrtattack	
	Angina	angina	
	Stroke	strok	
	Congestive heart failure	hrtfail	
	Cataracts	catar	
	Colon/Rectal cancer	colon	
	Hepatitis	hepat	
	HIV	hiv	
	AIDS	aids	1=Yes (marked) 0=No
	Prostate cancer	prostc	1=Yes (marked) 0=No
	Lung cancer	lungc	
	Breast cancer	breast	
	Other cancer	otherc	
	Osteoporosis	osteo	
	Depression	depress	
	Anxiety	anxiety	
	Arthritis	arthri	
	Multiple Sclerosis (MS)	msclero	
	Asthma	asthever	
	Do you still have Asthma?	v39y	1=yes 2=no
	Asthma ever and now?	asthma	1=asthma now 2=ever asthma, but not now 3=neither
	HIV or AIDS?	hiv aids	1=yes 0=no
	Any cancer?	cancer	1=yes 0=no
	Number of chronic conditions: sum of highbp hichol hrtattack angina strok cancer hiv aids asthever arthri diab	chronic	Range: 0 - 10
40	How long has it been since ...		
	a. you had a blood stool test using a home kit?	bldstool	1=Never 2=Within the past year 3=Within the past 3 years 4=3 or more years ago
	b. you had a colonoscopy?	colonosc	
	c. you had an osteoporosis test?	osteotst	
	d. you had a HIV test?	hivtst	
	e. you had a mammogram?	mammo	
	f. you had a Pap smear?	paptst	
	g. you had a PSA (prostate-specific antigen test)?	psa	
	h. you have taken hormones?	horm	1=Never 2=Within the past year 3=Within the past 3 years 4=3 or more years ago

Q. #	Items	Var.	Response Category
	i. (If YES) Have you ever taken hormones not prescribed by a doctor?	horm3	1=Yes 0=No
41	Have you ever had a silicone injection or implant?	silic	1=Yes 0=No
41a	(If YES) Were they all done by a doctor?	silic2	1=Yes 0=No
43	Have you smoked at least 100 cigarettes in your entire life?	v43	1=yes 2=no
43a	(If YES) Do you now smoke cigarettes every day, some days, or not at all?	v43a	1=Every day 2=Some days 3=Not at all
		smoker4	1=everyday smoker 2=occasional smoker 3=previous smoker 4=nonsmoker
	Recode of smoker4 Everyday and occasional smokers are current smokers.	smoknow	1=Yes 0=No
44	During the past 30 days, did you have at least one drink of any alcoholic beverage? One drink is equivalent to a 12-ounce beer, a 5-ounce glass of wine, or a drink with one shot of liquor.	drinkone	1=Yes 0=No
45a	During the past 30 days, how many days did you have at least one drink of any alcoholic beverage?	v45a	Actual value
45b	During the past 30 days, on the days when you drank, about how many drinks on average did you drink?	v45b	1-6 = Actual value 7 = 7 or more days
45c	During the past 30 days, considering all types of alcoholic beverages, what is the largest number of drinks you had on any one occasion?	v45c	Actual value
	Binge drinking Men-5 drinks or more per occasion Women-4 drinks or more per occasion	bingdrk2	1=Yes 0=No
	Heavy drinking Men-more than 60 drinks in the last 30 days Women-more than 30 drinks in the last 30 days	hvydrk2	1=Yes 0=No
46	Have you used drugs other than those required for medical reasons during the <u>past 12 months</u> ?	druguse	1=Yes 0=No
47	Have you used prescription drugs other than in the manner prescribed during the <u>past 12 months</u> ? (Mark all that apply)	prescrib	1=more than prescribed 2=less than prescribed 3=both 4=No
48	During the <u>past week</u> , have you needed any kind of help with ... (PLEASE MARK ALL THAT APPLY)		
	IADL: Using the telephone	iadl1	1=Yes 0=No
	IADL: Grocery Shopping	iadl2	
	IADL: Meal/food preparation	iadl3	
	IADL: Housekeeping (making the bed, vacuuming, dusting)	iadl4	
	IADL: Doing laundry	iadl5	
	IADL: Traveling by car, bus, etc.	iadl6	
	IADL: Taking medications in the correct dosages and/or at the correct time	iadl7	

Q. #	Items	Var.	Response Category
	IADL: Handling finances	iadl8	
	IADL: None of the above	iadl9	
49	During the past week, have you needed help:		
	ADL: Dressing	adl1	1=Yes 0=No
	ADL: Walking	adl2	
	ADL: Toileting	adl3	
	ADL: Eating meals	adl4	
	ADL: Bathing excluding rinsing the back	adl5	
	ADL: Moving in and out of bed or chair	adl6	
	ADL: None of the above	adl7	
50	Do you currently <u>receive</u> help from a partner/spouse, friend, or family member as a result of a health issue or other needs?	carerecv	1= Yes 0= No
51	Please provide the following information about <u>the person who helps you the most</u> .		
51a	How is this person related to you? (PLEASE MARK ONLY ONE)	cgrelation	1=Partner/Spouse 2= Friend 3=Parent or parent-in-law 4=Child 5=Grandchild 6=Other relative 7=Other
51b	What is this person's sexual orientation?	cgsexorien	1=Gay or Lesbian 2=Bisexual 3=Heterosexual or straight
51c	Person's sex?	cgender	1=Female 2=Male
51d	Is this person transgender?	cgtransgen	1=Yes 0=No
51e	How old is this person that helps you the most?	v51e	Actual value in years
51f	What is this person's primary living arrangement?	cgliving	1=Lives with you 0=Does not live with you
51g	How long have you been receiving care from this person?		
	Duration of care in month	cglong	Actual value in months
51h	Approximately how many hours does this person help you in a typical week?	cghour	Actual value in hours
51i	Does this person who helps you have a health problem or a disability that requires others' care?	cghealth	1= Yes 0=No
51j	(IF YES) Are you the person that provides the most care to this person?	cgcare	1= Yes 0=No
52	Do you have a durable power of attorney for health care?	poa	1= Yes 0=No
52a	(If NO) Do you know someone you would be comfortable with in this role?	nopoa	1= Yes 0=No
53	Do you have a will?	will	1=Yes 0=No
56	Have you served in the military?	milit	1=Yes 0=No

Q. #	Items	Var.	Response Category
57	Have you ever had a commitment ceremony or married someone of the opposite sex?	marr_opp	1=Yes 0=No
58	Have you had a commitment ceremony or married a same-sex partner?	marr_same	1=Yes 0=No
59	Have you experienced the death of a same-sex partner/spouse?	loss	1=Yes 0=No
60	During the <u>past 30 days</u> , how often did you attend spiritual or religious services/activities?	reliquum	Actual value
61	How old were you when you first considered yourself lesbian, gay, or bisexual?	out1lgb	Numeric .a=Not applicable .=missing
62	How old were you when you first told someone that you were lesbian, gay, or bisexual?	out2lgb	Numeric .a=Not applicable .=missing
63	How old were you when you first considered yourself transgender?	out1trgen	Numeric .a=Not applicable .=missing
64	How old were you when you first told someone that you were transgender?	out2trgen	Numeric .a=Not applicable .=missing
65	Do the following people know, or have known, that you are gay, lesbian, bisexual, or transgender?		
65a	Mother	out_mom	1=Definitely do not know 2=Probably do not know 3=Probably know 4=Definitely know .a=Not Applicable .=missing
65b	Father	out_dad	
65c	Brothers (one or more)	out_bro	
65d	Sisters (one or more)	out_sis	
65e	Children (one or more)	out_child	
65f	Grandchildren (one or more)	out_gchild	
65g	Grandparent (one or more)	out_gparent	
65h	Best friend	out_friend	
65i	Current or most recent work supervisor	out_superv	
65j	Neighbors (one or more)	out_neighbor	
65k	Faith community	out_faith	
65l	Primary physician	out_physician	
	Overall outness (mean)	outness	Mean of outness scores
66	Please rate the extent to which you agree or disagree with each of the following statements.		
66a	I wish I weren't lesbian, gay, bisexual or transgender.	stg_a	1=Strongly Disagree 2=Disagree 3=Agree 4=Strongly Agree
66b	I have tried to not be lesbian, gay, bisexual or transgender.	stg_b	
66c	If someone offered me the chance to be completely heterosexual or not transgender, I would accept the chance.	stg_c	
66d	I feel that being lesbian, gay, bisexual or transgender is a personal shortcoming for me.	stg_d	
66e	I would like to get professional help to not be lesbian, gay, bisexual or transgender.	stg_e	
	Identity stigma (mean of stg_a through stg_e) Excluded if # of missing greater than 2	stigma	Range: 1-4
66f	I'm glad I belong to the lesbian, gay, bisexual or transgender community.	colest_f	1=Strongly Disagree 2=Disagree

Q. #	Items	Var.	Response Category
66g	I feel good about belonging to the lesbian, gay, bisexual or transgender community.	colest_g	3=Agree 4=Strongly Agree
	Positive sense of community (mean of colest_f and colest_g)	colest	Range: 1-4
66h	I fear accessing health services <u>inside</u> the lesbian, gay, bisexual or transgender community.	v66h	1=Strongly Agree 2=Agree 3=Disagree 4=Strongly Disagree
66i	I fear accessing health services <u>outside</u> the lesbian, gay, bisexual or transgender community.	v66i	1=Strongly Agree 2=Agree 3=Disagree 4=Strongly Disagree
6 7	Please indicate how many times in your life you have experienced each of the following <u>because you are, or were thought to be, lesbian, gay, bisexual or transgender.</u>		
67a	I was not hired for a job.	disc_a	0=Never 1=Once 2=Twice 3=3 or more times
67b	I was not given a job promotion.	disc_b	
67c	I was fired.	disc_c	
67d	I was prevented from living in the neighborhood I wanted.	disc_d	
67e	I was hassled by the police.	disc_e	
67f	I was denied or provided inferior health care.	disc_f	
67g	I was verbally insulted (yelled at, criticized).	vict_g	
67h	I was threatened with physical violence.	vict_h	
67i	I had an object thrown at me.	vict_i	
67j	I was punched, kicked, or beaten.	vict_j	
67k	I was threatened with a knife, gun or another weapon.	vict_k	
67l	I was attacked sexually.	vict_l	
67m	Someone threatened to tell someone else I am lesbian, gay, bisexual or transgender.	vict_m	
67n	I was arrested or jailed.	disc_n	
67o	I was ignored by the police when I needed help.	disc_o	
67p	My property was damaged or destroyed.	disc_p	
	Discrimination (sum of 67a to 67f and 67n, 67o, and 67p)	discr_sum	Numeric
	Victimization (sum of 67g to 67m)	vict_sum	Numeric
	Sum of discrimination and victimization	discvict	Numeric
	Three times or more in discrimination and victimization	discvict3	0=never 1=three times or more
68	Have you ever seriously thought of taking your own life?	suicide	1=Yes 0=No
68a	Were suicidal thoughts related to your sexual orientation or gender identity?	suicide_sub	1=Yes 0=No
69	In the <u>past year</u> , were you hit, slapped, pushed, shoved, punched or threatened with a weapon by a partner, family member or close friend?	physviol	1=Yes 0=No
70	In the <u>past year</u> , were you severely criticized, made fun of, told you were stupid or worthless, or threatened verbally to harm you, your possessions or pets, by a partner, family member or close friend?	verbalviol	1=Yes 0=No

Q. #	Items	Var.	Response Category
71	Please indicate how often the following type of support is available to you if you need it?		
71a	Someone to help with daily chores if you were sick (tangible support).	socsup1	1=Never 2=Seldom 3=Usually 4=Always
71b	Someone to turn to for suggestions about how to deal with a personal problem (emotional-informational support).	socsup2	
71c	Someone to do something enjoyable with (positive social interaction support).	socsup3	
71d	Someone to love and make you feel wanted (affectionate support).	socsup4	
	Social support (mean of socsup1 through socsup4) Excluded if # of missing greater than 2	socsup	Range: 1-4
72	How many different lesbian, gay, bisexual, transgender or straight people (such as your friends, family members, colleagues, neighbors, etc.) have you interacted with (including talked to, visited with, exchanged phone calls or emails with, etc.) in a typical month?		
	Age 50 and older		
72a	Gay men:	v72aa	Actual value
72b	Gay women/lesbians:	v72ba	
72c	Bisexual men and women:	v72ca	
72d	Transgender men and women:	v72da	
72e	Heterosexual or straight men and women:	v72ea	
	Under the age of 50		
72a	Gay men:	v72ab	Actual value
72b	Gay women/lesbians:	v72bb	
72c	Bisexual men and women:	v72cb	
72d	Transgender men and women:	v72db	
72e	Heterosexual or straight men and women:	v72eb	
	A total number of network $v72aa+v72ba+v72ca+v72da+v72ea+v72ab+v72bb+v72cb+v72db+v72eb$ Missing when all values in v72aa through v72eb are missing.	network	
	Quartile rank of network	networkquar	1=small 2=medium 3=large 4=very large
73	The next questions are about how you feel about different aspects of your life. For each one, indicate how often you feel that way.		
73a	How often do you feel that you lack companionship?	lone1	1=Hardly ever 2=Some of the time 3=Often
73b	How often do you feel left out?	lone2	
73c	How often do you feel isolated from others?	lone3	
	Loneliness: mean of lone1, lone2 and lone3 Excluded if # of missing greater than 1  Cronbach's alpha: 0.8661	lone	Range: 1-3
74	Do you currently assist a partner, a friend, or a family member who has a health issue or other needs?	careprov	0=No, I do not currently provide assistance. 1=Yes

Q. #	Items	Var.	Response Category
74a	(IF YES) List ages of those you assist?	v74a	
		v74b	
		v74c	
		v74d	
		v74e	
		v74f	
75	Please provide the following information about <u>the person you assist the most</u> .		
75a	a. How is this person related to you? ( <u>PLEASE MARK ONLY ONE</u> )	crrrelation	1=Partner/Spouse 2= Friend 3=Parent or parent-in-law 4=Child 5=Grandchild 6=Other relative 7=Other
75b	What is this person's sexual orientation?	crsexorien	1=Gay or Lesbian 2=Bisexual 3=Heterosexual or straight
75c	Person's sex?	crgender	1=Female 2=Male
75d	Is this person transgender?	crtransgen	1=Yes 0=No
75e	How old is this person?	v75e	Actual value in years
75f	What is this person's primary living arrangement?	criving	1=Lives with you 0=Does not live with you
75g	How long have you been providing care to this person?		
	Duration of care providing in months	crlong	Actual values in months
75h	Which of the following kinds of assistance do you provide to this person? ( <u>PLEASE MARK ALL THAT APPLY</u> )		
	Transportation, grocery shopping, doing laundry, preparing food	caretype1	1=Yes 0=No
	Personal care (dressing, grooming, toileting, bathing, eating)	caretype2	
	Handling finances	caretype3	
	Managing care provided by others	caretype4	
75i	Overall, approximately how many hours do you spend helping this person in a <u>typical week</u> ?	v75i	Actual value in hours
75j	Overall, approximately how much money do you spend helping this person in a <u>typical month</u> ?	caremoney	1=None 2=Less than \$100 3=\$100-\$249 4=\$250-\$499 5=\$500 or more
75k	If you are ill or need help, is this the person who helps you the most?	crcares	1=Yes 0=No