MIDUS Workshop
Overview and Data Access

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Important Resources

https://midus.wisc.edu/

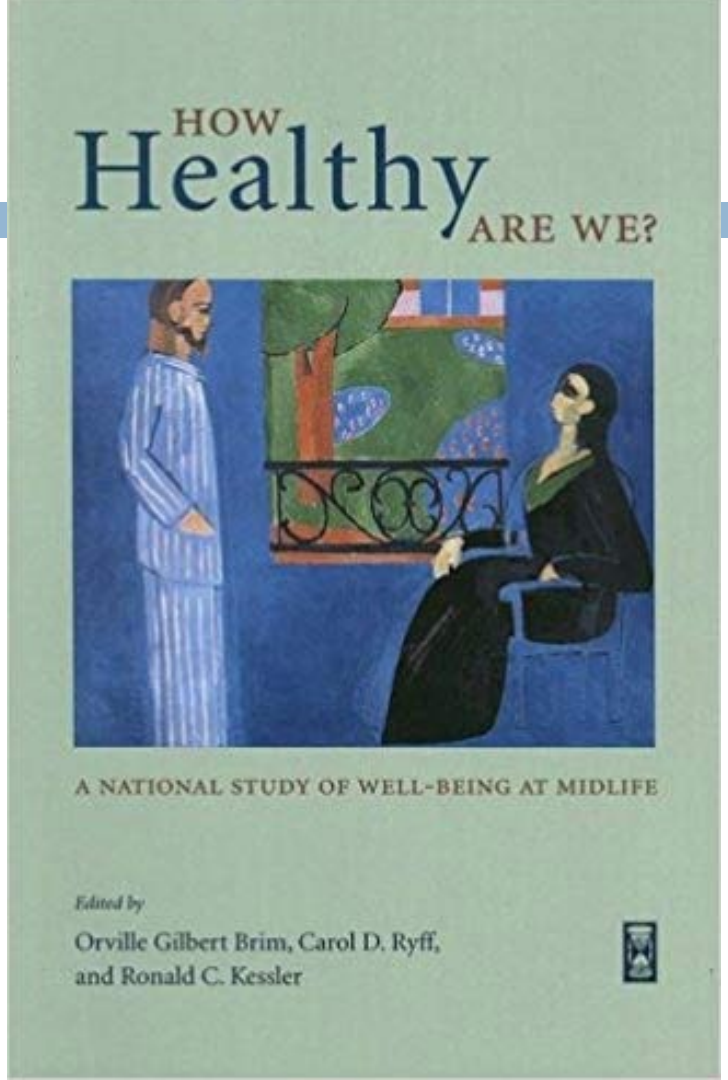
https://sites.psu.edu/nsde/

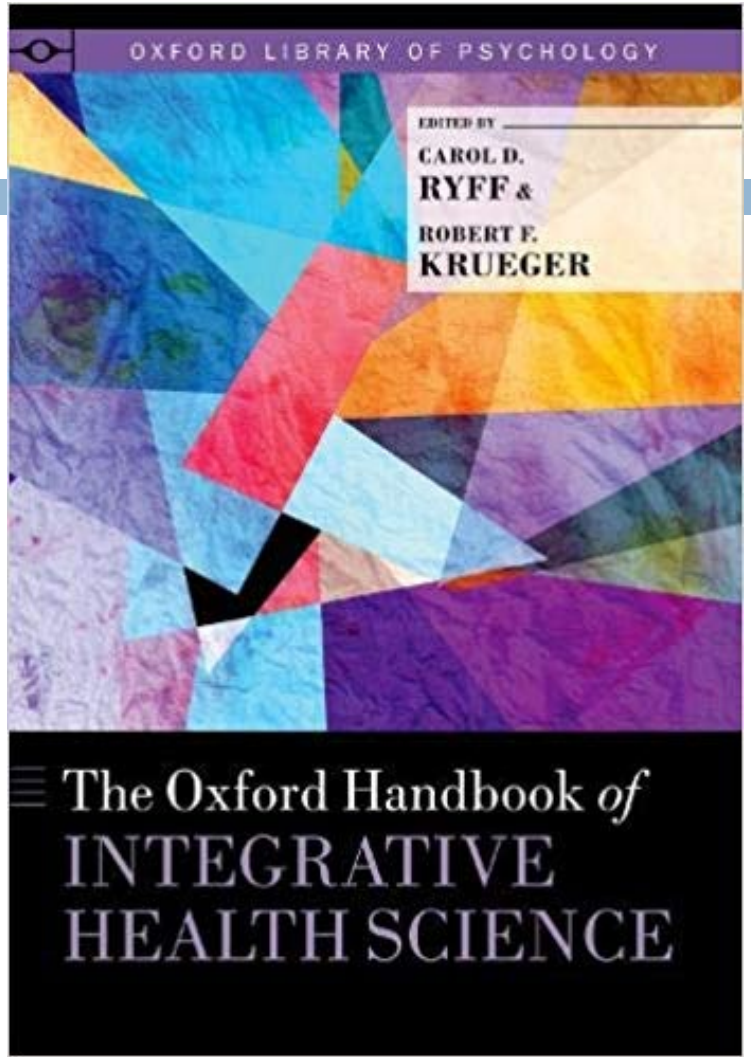
https://www.youtube.com/watch?v=Ga3Mzbi08_U&t=47s

https://www.youtube.com/watch?v=Ga3Mzbi08_U&t=3s

Overview

- Quick look at MIDUS study design and content
- MIDUS webcite
- Data distribution
  - Importance of documentation and structured metadata
- Using Data Documentation Initiative to facilitate distribution of longitudinal data
  - ICPSR and MIDUS Portal
- Future Directions
- Hands on practice!


HOW
Healthy
ARE WE?
A NATIONAL STUDY OF WELL-BEING AT MIDLIFE
Edited by
Orville Gilbert Brim, Carol D. Ryff,
and Ronald C. Kessler


OXFORD LIBRARY OF PSYCHOLOGY
EDITED BY
CAROL D.
RYFF &
ROBERT F.
KRUEGER
The Oxford Handbook of
INTEGRATIVE
HEALTH SCIENCE

Quick look at MIDUS: Unique Features

- Multidisciplinary ("biopsychosocial") approach
- Wide age range (25-74 at baseline)
- Assessments over 22 years and counting
- Multiple samples:
  - 2 National RDD (Core and Refresher)
    - Sibling, Twins also within Core
  - 2 African American (Milwaukee Core and Refresher)
  - 1 Japanese

Content of MIDUS

Psychological & Social Factors

Psychological:

- Personality
- Affect
- Coping
- Health Beliefs
- Religion/ Spirituality
- Control
- Goals
- Optimism

Social:

- Social Support
- Spousal Support
- Child Abuse
- Parent-Child Ties
- Social Participation
- Job
- Altruism
- Neighborhood Quality

Sociodemographic Factors

- Age
- Gender
- Culture
- Race/Ethnicity
- Marital Status
- Education
- Income
- Occupation

Life Challenges

Daily Stressors
(e.g., work overload, family arguments, traffic problems)

Chronic Stressors
(e.g., caregiving, perceived discrimination, perceived inequalities, work-family spillover, unemployment)

Acute Events
(e.g., divorce, remarriage, job change, deaths, relocation)

Health Behaviors

- Smoking
- Drinking
- Hormone Therapy
- Preventive & Alternative Healthcare
- Exercise
- Drug Abuse

Neurobiological Mechanisms

Brain

Amygdala • Ventral Striatum • Prefontal Cortex • Connectivity

Gene Expression

Inflammatory

- Interleukin-6
- C-Reactive Protein (CRP)
- Intercellular Adhesion Molecules (ICAM)
- E-Selectin
- Expanded Cytokine Panel

Glucose Metabolism

- Glucose
- Insulin
- Glycosy. Hemog.
- Insulin-like Growth Factor1

Neuroendocrine

- Cortisol/DHEA-S
- Alpha amylase
- Epinephrine/Norepine.

Cardiovascular

- Blood Pressure
- Cholesterol
- HDL Function
- Waist-Hip Ratio
- Ankle Brachial Index
- Heart-Rate Variability
- Fibrinogen
- Antioxidants

Musculoskeletal

- Bone Mineral Density
- Bone Turnover
- Body Impedence
- Creatinine
- Gait Analysis

Integrative Biological Risk

Health/Illness

Mental:

- Depression
- Anxiety
- Psychological Well-Being
- Cognitive Functioning

Physical:

- Subjective Health
- Health Comparisons
- Chronic Conditions
- Symptoms
- Disability/Functional Limitations

Mortality

PROJECT 1

(SURVEY OF A NATIONAL SAMPLE)

Assessed a wide array of psychological constructs (e.g., personality, psychological well-being, positive and negative affect, sense of control, goal orientations) and demographic characteristics (e.g., gender, marital status, socioeconomic standing, employment status), along with extensive health measures (mental and physical).

MODE: 30-minute Phone Interview and Two 50-page Self-Administered Questionnaires

THE MIDUS II PROJECTS

PROJECT 2

(Daily Diary Study)

8 days of daily experience obtained via phone interviews.
(e.g., time use, physical health symptoms and substance use, work productivity, psychological distress)

4 days of salivary cortisol

PROJECT 3

(Cognitive Functioning)

Phone-based cognitive battery
(e.g., episodic verbal memory, working memory, verbal ability and speed, fluid intelligence/reasoning, speed of processing, episodic verbal memory/forgetting)

Face-to-face assessment of cognitive capacities

PROJECT 4

(Biomarkers)

2-Day Clinic Visit: Biomarkers—neuroendocrine, cardiovascular, immune, bone

Physical exam

Medical history

Medications

Sleep assessments

Laboratory challenge study—heart-rate variability, blood pressure, cortisol

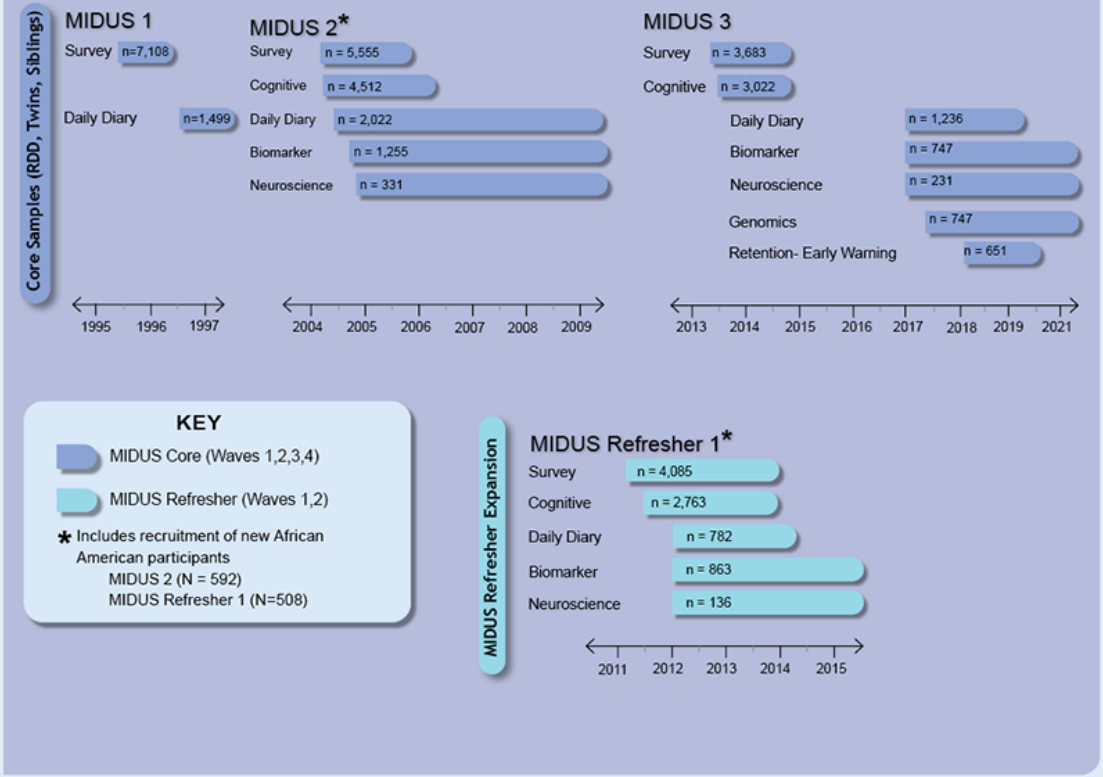
PROJECT 5

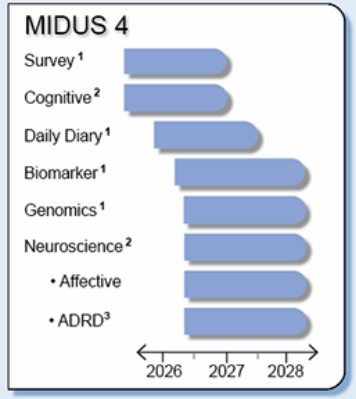
(Neuroscience)

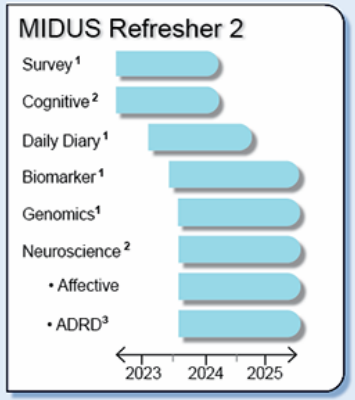
Affective reactivity & recovery:
- baseline electroencephalography (EEG)
- task-related EEG
- task-related electromyography (EMG; eyeblink startle response, post auricular startle reflex, corrugator supercilli activity)
- structural MRI of neuroanatomy
- task event-related fMRI

MIDUS

MIDUS Timelines, Samples, and Projects







[1] Included in 2021 U19 application; [2] Included in 2021 Ancillary U01 application; [3] Alzheimer's Disease & Related Dementias.

Day as the Unit of Analysis

"The way we spend our minutes, hours, and days is the way we spend our lives."

Mr. McAninch

Park Forest Middle School

National Study of Daily Experiences

MIDUS
Midlife in the United States
National Study of Daily Experiences

- Telephone Diary Study Across Eight Consecutive Evenings
- National sample of participants from the daily diary project of MIDUS
- Three waves of data (1995, 2004, 2019)
  - Refresher Cohort (2012)
- (*Npeople* = 3,509, *Ndays* = 42,243, Nsaliva samples = 53,252)
- Mean Age = 46 (*SD* = 12, Range = 25 – 94)

Almeida et al., 2020 *American Psychologist*

20+ Years with SSRI's Survey Research Center!!

Day as the Unit of Analysis

- Domains of Daily Experiences
  - Time use (Sleep, Work and Physical Activity)
  - Physical Symptoms (Duration and Intensity)
  - Substance Use (Caffeine, Alcohol, Tobacco)
  - Medications (Confounds of Cortisol)
  - Positive and Negative Mood
  - Activities (Work, Volunteer, Leisure)
  - Stressors (40% of the study days)
  - Positive Events (71% of study days)

Distribution of Respondents Who Completed Multiple Projects at MIDUS 2

Projects Completed	National	Milwaukee	TOTAL
Survey	4963	592	5555
Survey & Cognition	4206	306	4512
Survey & Daily Diary	1842	180	2022
Survey & Biomarker	1004	201	1255
Survey & Neuroscience	223	108	331
Survey & Cognition & Daily Diary	1783	142	1925
Survey & Daily Diary & Biomarker	876	135	1011
Survey & Cognition & Daily Diary & Biomarker	858	102	960

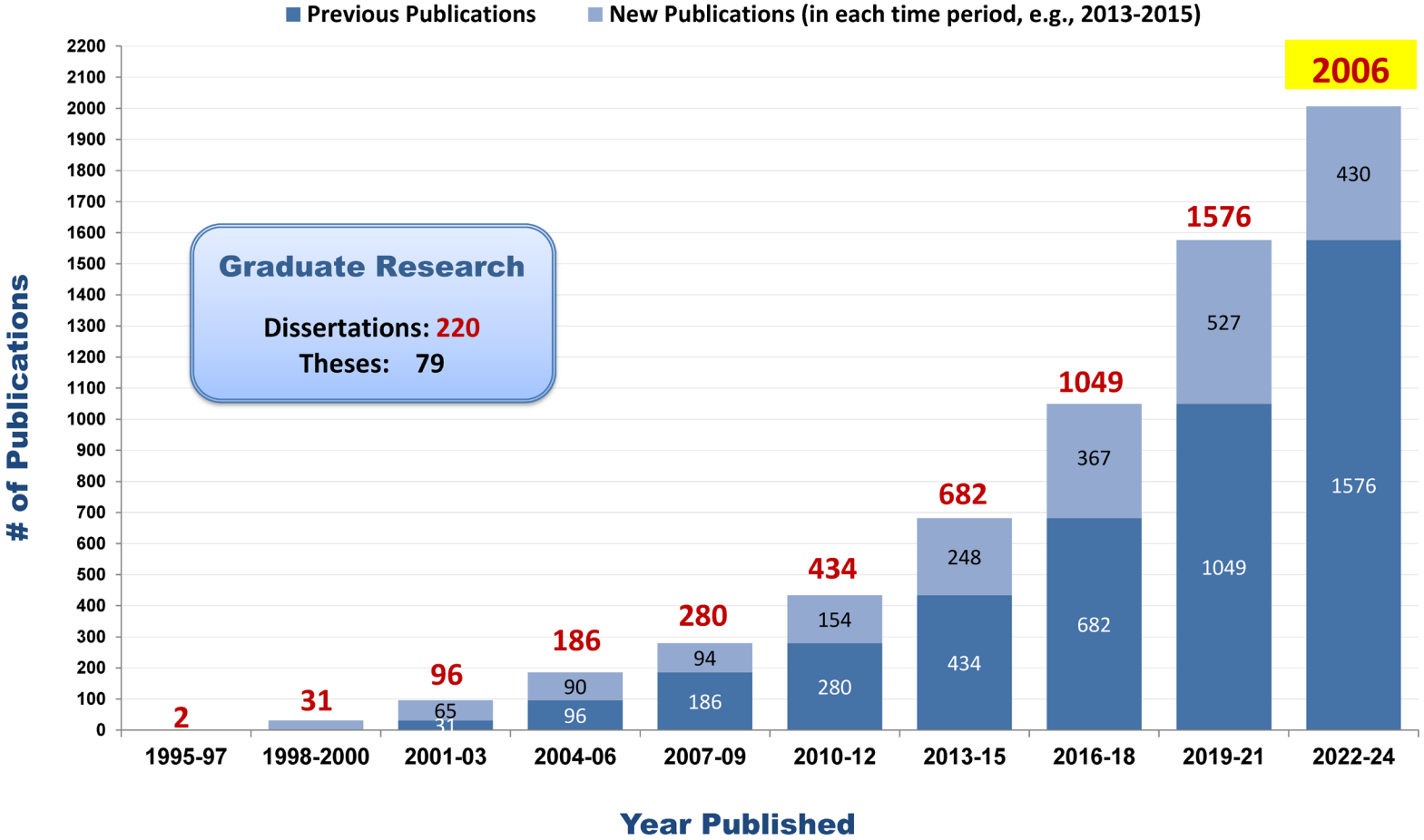
What does MIDUS have to distribute?

- **20+ project datasets**
  - *25,000 variables*
  - *N > 13,000*

- **Guiding principles regarding distribution**
  - *Quick turn-around to public (ICPSR)*
    - *Widespread secondary usage*

- **Evidence of success:**
  - *#1 data download at NACDA*
  - *1500k data downloads; 52k users*
  - *2000+ publications*

Cumulative Total of MIDUS Publications by Year



What does MIDUS have to distribute?

Fig. 10. MIDUS Publications by Topic

TOPIC	#
Affect/Emotion	281
Aging	309
Allostatic Load	50
Altruism	51
Biomarkers	304
Cancer	20
Childhood/Early Life	123
Chronic & Acute Challenges	101
Cognitive Function	100
Culture/Country	64
Daily Stress	141
Gender	181
Genetics & Twins	111
Health Behaviors	181
Historical Context/Recession	23
Mental Illness	181
Mortality	39
Neighborhood	33
Neuroscience	21

TOPIC	#
Non-normative Parenting	20
Obesity/Weight	89
Occupation & Employment	121
Perceived Discrimination	67
Personality	203
Physical Health	508
Psychological Well-being	273
Race & Ethnicity	158
Religion & Spirituality	50
Resilience	51
Sense of Control	107
Sexuality	23
Sleep	60
Social Inequalities/SES	169
Social Relationships/Support	322
Social Responsibility	56
Volunteering	41
Work and Family	45

Using DDI to Facilitate Distribution

- **Data Documentation Initiative:** is an international standard for describing social science ***metadata*** in distributed network environments. Makes research data:
  - ***Machine-actionable***
  - ***Independently understandable***

Using DDI to Facilitate Distribution

- Michigan: ICPSR
  - Archive and procedures supported by DDI (Version 2)
- Wisconsin: MIDUS Portal (http://midus.colectica.org)
  - Based on same datasets available at ICPSR
  - Using Version 3.2

What DDI 3.2 Facilitates

- **Particular benefits for longitudinal studies**
  - **Harmonization (internal, post-hoc)**
    - Clarifies the related nature of versions of longitudinal and cross-cohort variables
  - **Intelligent search function**
    - Searches different fields: variable name, label, question text, assigned concepts
    - Search results are arrayed
    - Intelligent searches across *ALL* 25k MIDUS variables

The MIDUS Colectica DDI Portal

- **Allows *Custom Data Extracts***
  - Researchers can focus on variables of interest
  - Facilitate accurate merges across numerous datasets
  - Ease data management burden

Home

Welcome

Welcome to the MIDUS Portal!
This Portal provides access to documentation, richly-structured metadata, and publicly-available data for the MIDUS (Midlife in the United States) study.

Newly Available MIDUS Data

New Releases

- MIDUS 3 Gene Expression data - Feb, 2024
- MIDUS 3 Biomarker data - Oct, 2023
- MIDUS Genetics Methylation Age data - Aug, 2023

Update Releases

- MIDUS Core and Refresher Mortality - Feb, 2024
- MIDUS 3 Neuroscience data - Feb, 2024
- MIDUS 2 Milwaukee Survey data (MKE1) - Feb, 2024

The MIDUS Portal employs Data Documentation Initiative metadata standards and is powered by Colectica software.

MIDUS Open Science Policy

All MIDUS data are archived and made publicly available—and are thus share-able—via the University of Michigan **Inter-university Consortium of Political and Social Research (ICPSR)** or the **MIDUS Portal**. Per **ICPSR's Terms of Use** researchers obtaining MIDUS data via ICPSR or the MIDUS Portal are not allowed to redistribute that data. Researchers who are required to share data sources used in their particular analysis can refer to the specific MIDUS datasets and documentation published at ICPSR. Because of intellectual property issues related to the sharing of programming, code, or syntax, MIDUS recommends that any such code used to subset, merge, transform or otherwise analyze publicly-available MIDUS datasets be shared by individual researchers on a case-by-case basis.

MIDUS Data Use Policy

Any attempts to identify individuals within the study are prohibited and information that could identify individuals directly or by inference must not be released or published. Further, researchers downloading data from the MIDUS Portal agree to not release or disclose information where the number of observations in any given cell of tabulated data is less than or equal to 10.

MIDUS 1 (Core)

Project 1 (Survey)	In 1995/96, the MacArthur Midlife Research Network conducted the MIDUS 1 (M1) survey on a national sample of over 7,000 Americans aged 25 to 74. This sample included subsamples of Siblings and Twin Pairs.	Study Documentation	Browse Variables	Download Full Dataset	Download PDF Codebook
Project 1 (Twin Screener)	MIDUS 1 screened a national sample of twin pairs that resulted in the MIDUS Twin sample. The data, instrument, and documentation from that screening effort are available here.	Study Documentation	Browse Variables	Download Full Dataset	Download PDF Codebook
Project 2 (Daily Diary)	The M1 National Study of Daily Experiences examined the day-to-day lives--particularly the daily stressful experiences--of a subsample of M1 Survey respondents.	Study Documentation	Browse Variables	Download Full Dataset	Download PDF Codebook

MIDUS 2 (Core)

Project 1 (Survey)	In 2004/05, MIDUS 2 (M2) Project 1 provided follow-up on the psychosocial, sociodemographic, and health variables assessed in MIDUS 1.	Study Documentation	Browse Variables	Download Full Dataset	Download PDF Codebook
Project 1 (Disposition Codes)	Final disposition codes for the MIDUS 2 phone interview are available here.	Study Documentation	Browse Variables	Download Full Dataset	Download PDF Codebook
Project 1 (Coded Text)	Responses to open-ended variables for the MIDUS 2 phone interview and SAQ were coded and are available here.	Study Documentation	Browse Variables	Download Full Dataset	Download PDF Codebook
Project 1 (SAQxPhone)	An effort to interview SAQ non-responders via telephone interview resulted in extra SAQ data for 365 M2 respondents.	Study Documentation		Download Full Dataset	
Project 2 (Daily Diary)	M2 Project 2 provided follow-up on the daily diary study included in MIDUS 1.	Study Documentation	Browse Variables	Download Full Dataset	Download PDF Codebook
Project 3 (Cognitive)	M2 Project 3 added new phone-based cognitive assessments for the full M2 sample.	Study Documentation	Browse Variables	Download Full Dataset	Download PDF Codebook
Project 4 (Biomarkers)	M2 Project 4 introduced comprehensive biomarker assessments on a subsample of M2 respondents, collected at one of three Clinical Research Centers around the country.	Study Documentation	Browse Variables	Download Full Dataset	Download PDF Codebook
Project 5 (Neuroscience)	M2 Project 5 provided neuroscience assessments on a subsample of respondents in the Biomarker Project.	Study Documentation	Browse Variables	Download Full Dataset	Download PDF Codebook

Search Variables

Search Variables

smoking Search

Showing results 1 ... 50 (0.03 seconds)

Filter Options
Include deprecated items
Filter Reset

Compare Checked

In the past, did anyone regularly smoke cigarettes or other tobacco products in your immediate work area? Compare

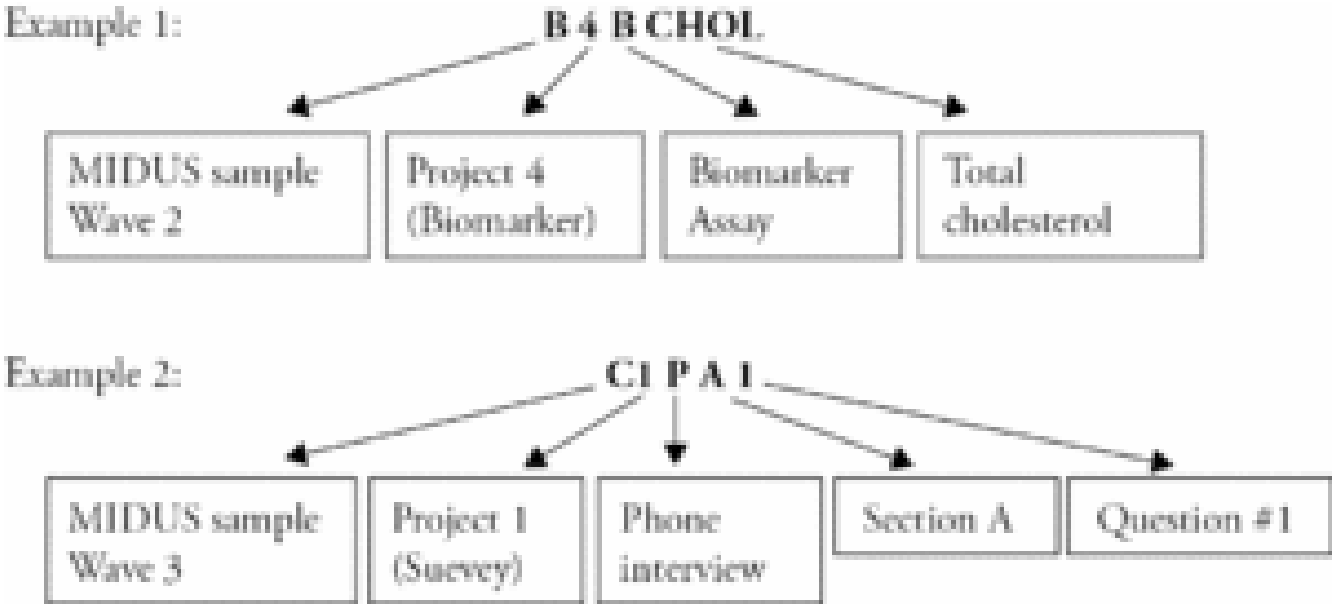
Name
C4H71

Label
In the past, did anyone regularly smoke cigarettes or other tobacco products in your immediate work area?

Current job, does anyone regularly smoke cigarettes or other tobacco products in your immediate work area? Compare

Name
C4H70

Label
Current job, does anyone regularly smoke cigarettes or other tobacco products in your immediate work area?


Example 1:
B4BCHOL
MIDUS sample
Wave 2
Project 4
(Biomarker)
Biomarker
Assay
Total
cholesterol
Example 2:
C1PA1
MIDUS sample
Wave 3
Project 1
(Survey)
Phone
interview
Section A
Question #1

Ever tried to quit smoking

« C1PA40 | M3P1 (245 of 2613) | C1PA42 »

Variable Description

Name	C1PA41
Label	Ever tried to quit smoking
Question Text	
Backward Skip	
Forward Skip	
BackwardSkip	(C1PA37 = NEVER) OR (C1PA38A = NO, DK, OR REFUSED) OR (C1PA39 = NO, DK, OR REFUSED)
ForwardSkip	GO TO C1PA44.
Dataset	M3P1
Comparability Notes	Wording change in question text: 'Since we last interviewed you in [MONTH], [YEAR]' phrase was deleted from MR1 and MKER1 baseline instruments.
Comparability Class	Wording in Question

C1PA41

Summary Statistics for 'C1PA41'

Value	Valid	Label	Frequency	% of Valid	% of All
1	✓ Valid	YES	203	66.34%	6.16%
2	✓ Valid	NO	103	33.66%	3.13%
9	✗ Missing	INAPP	2,988		90.71%

Total Responses	Valid	Invalid	Min	Max
3294	306	2988	1	2

- Survey
  - Administration
  - Recession Experience
  - Health
    - Self-Evaluated Health
    - Physical/Mental Health Limits Work
    - Health at Age 16
    - History of Neurological Disorder
    - History of Heart Trouble
    - Cardiovascular Health
    - Angina
    - Chest Pain
    - Blood Pressure
    - Cancer
    - Hysterectomy/Ovary Removal
    - History of Smoking
    - History of Drinking
    - Depression - Depressed Affect

View: Concordance

Concordance: Wide

Item Name	Midlife in the United States						
	MIDUS 1 Project 1	MIDUS 2 Project 1	MIDUS 3 Project 1	MIDUS 3 Project 7 (Retention Early Warning)	MIDUS 3 Milwaukee (aka MKE2)	MIDUS Refresher 1 Project 1	MIDUS Refresher 1 Milwaukee (aka MKER1)
	M1P1	M2P1	M3P1	M3P7	MKE2	MR1P1	MKER1
Age had first cigarette	A1PA41	B1PA37	C1PA37	C7CA36	CACA36	RA1PA37	RAACA36
Ever smoked cigarettes regularly	A1PA40	B1PA38A	C1PA38A	C7CA37	CACA37	RA1PA38A	RAACA37
Age began to smoke regularly	A1PA42	B1PA38B	C1PA38B	C7CA38	CACA38	RA1PA38B	RAACA38
Now smoke cigarettes regularly	A1PA43	B1PA39	C1PA39	C7CA39	CACA39	RA1PA39	RAACA39
Cigarettes per day during heaviest year - Current smoker	A1PA44	B1PA40	C1PA40	C7CA40	CACA40	RA1PA40	RAACA40
Ever tried to quit smoking Wording change in question text: 'Since we last interviewed you in [MONTH], [YEAR]' phrase was deleted from MR1 and MKER1 baseline instruments.	A1PA45	B1PA41	C1PA41	C7CA41	CACA41	RA1PA41	RAACA41

Lived with smoker growing up - Mother

MIDUS Data Element Concepts > Survey > Health > History of Smoking

Conceptual Variable

Name	P1_ConceptualVariable_267
Label	Lived with smoker growing up - Mother
Comparability Notes	Not in M1, M3, and MKE2; was introduced at M2, MKE1, MR1, MKER1 as a new baseline item.
Comparability Class	General Item Availability; Baseline Item

Statistics | Code Comparison | Correspondence Tree

% of valid | % of total

	Midlife in the United States			
	MIDUS 2 Project 1	**MIDUS 3 Project 7 (Retention Early Warning)**	**MIDUS Refresher 1 Project 1**	**MIDUS Refresher 1 Milwaukee (aka MKER1)**
	M2P1	**M3P7**	**MR1P1**	**MKER1**
Item Name	**B1PA45B**	**C7CA45B**	**RA1PA45B**	**RAACA45B**
YES	31.59%	38.92%	34.77%	43.98%
NO	40.54%	33.69%	31.33%	29.19%
NO ONE	27.86%	27.38%	33.90%	26.82%
DON'T KNOW				
REFUSED				
INAPP				

Dataset	Variable	Valid	Invalid	Min	First Quartile	Median	Third Quartile	Max	Mean	StdDev
M2P1	B1PA45B	4,960	3	1				4		
M3P7	C7CA45B	650	1	1				4		
MRP1	RA1PA45B	3,575	2	1				4		
MKER	RAACA45B	507	1	1				4		

Age last smoked regularly

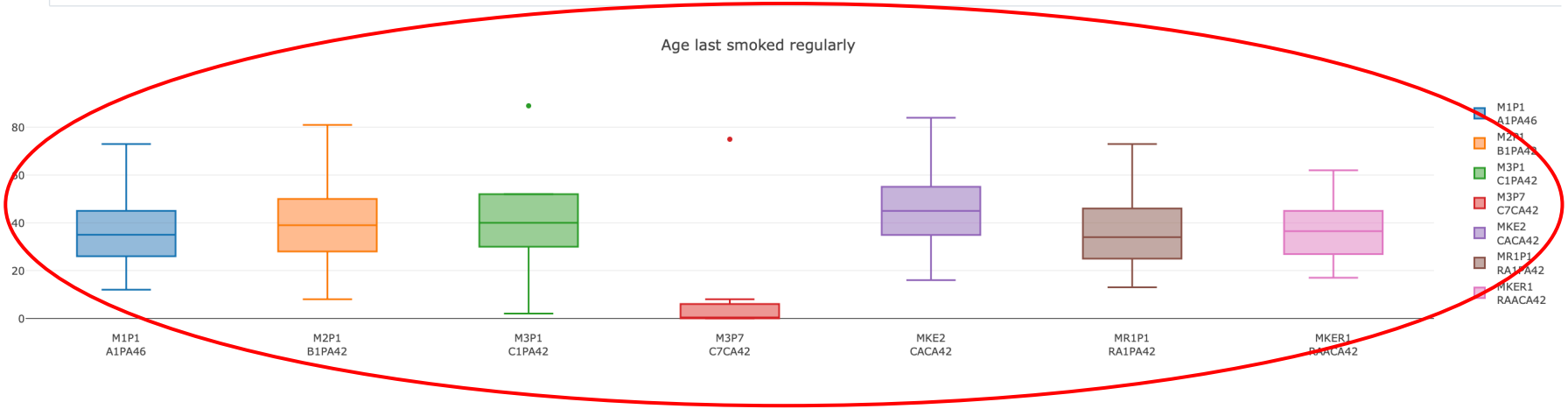
MIDUS Data Element Concepts > Survey > Health > History of Smoking

Conceptual Variable

Name P1_ConceptualVariable_263

Label Age last smoked regularly

Statistics | Code Comparison | Correspondence Tree



Dataset	Variable	Valid	Invalid	Min	First Quartile	Median	Third Quartile	Max	Mean	StdDev
M1P1	A1PA46	2,033	5,075	12	26	35	45	73	36.5	12.59
M2P1	B1PA42	1,632	3,331	8	28	39	50	81	39.31	13.52

	MIDUS 1	MIDUS 2	MIDUS 3	MIDUS 2 Milwaukee	MIDUS Refresher	MIDUS Milwaukee Refresher Survey
Physical health	A1PA4	B1PA1	C1PA1	BACA1	RA1PA1	RAACA1

Include missing values

Physical health

Details ...

Comparability Class

Coding Scheme - Difference exists among waves because responses were coded differently.

Comparability Notes

The M1 version of this variable is reverse coded

	M1P1 A1PA4	M2P1 B1PA1	M3P1 C1PA1	M2MKE BACA1	MRP1 RA1PA1	MRMKE RAACA1
EXCELLENT	5	1	1	1	1	1
VERY GOOD	4	2	2	2	2	2
GOOD	3	3	3	3	3	3
FAIR	2	4	4	4	4	4
POOR	1	5	5	5	5	5
DON'T KNOW	7	7	7	7	7	7
REFUSED		8	8	8	8	8
INAPP	9	9		9		
REFUSED/MISSING	8					

List
Basket List
Baskets
Basket

Basket

This is your active basket.

Variables (8)

Download Data | Download Metadata

- CSV
- SPSS

		Physical health self-evaluated MIDUS 2 Milwaukee (aka MKE1) › MKE1
	B1PA1	Physical health self-evaluated MIDUS 2 Project 1 › M2P1
	RAACA1	Physical health self-evaluated MIDUS Refresher 1 Milwaukee (aka MKER1) › MKER1
	C7CA1	Physical health self-evaluated MIDUS 3 Project 7 (Retention Early Warning) › M3P7
	RA1PA1	Physical health self-evaluated MIDUS Refresher 1 Project 1 › MR1P1
	CACA1	Physical health self-evaluated MIDUS 3 Milwaukee (aka MKE2) › MKE2
	C1PA1	Physical health self-evaluated MIDUS 3 Project 1 › M3P1
	A1PA4	Physical health self-evaluated MIDUS 1 Project 1 › M1P1

Demo1 (1).sav [DataSet2] - IBM SPSS Statistics Data Editor

File Edit View Data Transform Analyze Graphs Utilities Extensions Window Help

	MIDUSID	SAMPLMAJ	M2ID	MRID	B1PA1	A1PA4	C1PA1	BACA1	RA1PA1	RAACA1
1	10005	3	10005	.	2	3	.	.	.	.
2	10014	1	10014	.	3	3	.	.	.	.
3	10018	4	10018	.	2	4	.	.	.	.
4	10020	1	10020	.	3	3	5	.	.	.
5	10029	13	10029	.	.	.	.	2	.	.
6	10039	1	10039	.	5	2	.	.	.	.
7	10047	1	10047	.	2	5	3	.	.	.
8	10063	3	10063	.	1	4	2	.	.	.
9	10067	3	10067	.	3	3	3	.	.	.
10	10073	1	10073	.	.	5	.	.	.	.
11	10083	2	10083	.	3	3	.	.	.	.
12	10089	13	10089	.	.	.	.	4	.	.
13	10091	3	10091	.	2	3	.	.	.	.
14	10094	4	10094	.	2	5	2	.	.	.
15	10104	1	10104	.	.	4	.	.	.	.
16	10106	3	10106	.	3	4	3	.	.	.
17	10109	4	10109	.	2	4	.	.	.	.
18	10110	3	10110	.	2	4	2	.	.	.
19	10115	3	10115	.	.	3	.	.	.	.
20	10119	3	10119	.	3	3	4	.	.	.
21	10124	3	10124	.	.	2	.	.	.	.
22	10127	3	10127	.	5	3	.	.	.	.

DEMO1.sav [NIA_Example] - IBM SPSS Statistics Data Editor

File Edit View Data Transform Analyze Graphs Utilities Extensions Window Help

	Name	Label	Values	Missing
1	MIDUSID	Master ID created by concatenating M2ID, MRID, MIDJA_IDs	None	None
2	SAMPLMAJ	Major sample identification (aka Sample)	{1, MAIN RDD}...	None
3	M2ID	MIDUS 2 ID number	None	None
4	MRID	MIDUS Refresher ID number	None	None
5	A1PA41	Age smoked first cigarette	{96, NEVER HAD A CIGARETTE}...	97, 98, 99
6	A1PA46	Age when last smoked regularly	None	97, 98, 99
7	A1PAGE_M2	M1 age computed by subtracting Date of Birth from M1 intervi...	None	98
8	A1PRSEX	Gender of respondent	{1, MALE}...	None
9	A1PA4	Physical health	{1, POOR}...	7, 8, 9
10	B1PA37	Age had first cigarette	None	96, 97, 98
11	B1PA42	Age last smoked regularly	None	97, 98, 99
12	B1PAGE_M2	Age determined by subtracting DOB_Final from b1ipidate	None	98, 99
13	B1PRSEX	Respondent gender	{1, MALE}...	None
14	B1PA1	Physical health self-evaluated	{1, EXCELLENT}...	7, 8, 9
15	BACA36	Age had first cigarette	{96, NEVER HAD A CIGARETTE}...	97, 98, 99
16	BACA42	Age last smoked regularly	None	97, 98, 99
17	BACRAGE	Respondent age (interview date minus DOB)	None	None
18	BACRSEX	Respondent gender	{1, Male}...	None
19	BACA1	Physical health self-evaluated	{1, EXCELLENT}...	7, 8, 9

List
Basket List
Baskets
Basket

Basket

This is your active basket.

Variables (8)

Download Data | Download Metadata

- PDF Codebook
- CSV
- Excel
- DDI 3.2 XML

BACA1	f-evaluated aka MKE1) › MKE1
B1PA1	f-evaluated M2P1
RAACA1	Physical health self-evaluated MIDUS Refresher 1 Milwaukee (aka MKER1) › MKER1
C7CA1	Physical health self-evaluated MIDUS 3 Project 7 (Retention Early Warning) › M3P7
RA1PA1	Physical health self-evaluated MIDUS Refresher 1 Project 1 › MR1P1
CACA1	Physical health self-evaluated MIDUS 3 Milwaukee (aka MKE2) › MKE2
C1PA1	Physical health self-evaluated MIDUS 3 Project 1 › M3P1
A1PA4	Physical health self-evaluated MIDUS 1 Project 1 › M1P1

DEMO NIA_Example

Generated on Thursday, September 21, 2017 2:22 PM

Data File

MIDUSID

Label
Master ID created by concatenating M2ID, MRID, MIDJA_IDs

Representation

Type
Numeric

Role
input

Dataset
MIDUSID_SampleID_20160526.sav

Valid	Invalid	Minimum	Maximum
13225	0	10001	39999

SAMPLMAJ

Label
Major sample identification (aka Sample)

Representation

Role
input

Dataset
MIDUSID_SampleID_20160526.sav

Value	Label	Frequency	%
1	MAIN RDD	3,487	26.4%
2	SIBLING	952	7.2%
3	TWIN	1,996	15.1%
4	CITY OVERSAMPLE	757	5.7%

4086	9139	30000	39999

MIDJA_IDs

Label
Midlife in Japan ID number

Representation

Type
Numeric

Role
input

Dataset
MIDUSID_SampleID_20160526.sav

Valid	Invalid	Minimum	Maximum
1027	12198	20008	29987

BACA36

Label
Age had first cigarette

Representation

Forward Skip
IF BACA36 = 96, GO TO BACA44.

Interviewer Instructions
INTERVIEWER: IF R SAYS "I don't smoke", PROBE: "At what age did you have your very FIRST cigarette, if EVER?"

Question Text
At what age did you have your very first cigarette?

Pre-Question Text
The next questions are about smoking cigarettes.

Dataset
M2ID_MILWAUKEE_DATA WITH 19 NEW SAQS_N=592_3-29-12.sav

ICPSR DOI for Project
http://dx.doi.org/10.3886/ICPSR22840

Value	Label	Frequency	%
96	NEVER HAD A CIGARETTE	123	20.8%

Future Directions

- DDI is question, survey-centric
  - Expand capabilities for non-survey data collection
  - Bake DDI details into biomarker, laboratory, and derived variables
- Integrate MIDUS Colectica Portal with ICPSR
  - Encourage ICPSR to employ DDI 3.2
- Explore harmonization with other DDI-compliant studies

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