Map of Surve	ey Questions	s by Survey Y	ear and Coho	rt (Baseline/Fol	llow-up) Oct	ober, 2023																										
SAS	SAS	SAS	SAS	SAS	SAS							HOS	1.0							HOS 2.0				HO	S 2.5			HOS 3.0			-	-
Varname (HOS 1.0)	Varname (HOS 2.0)	Varname (HOS 2.0)	Varname (HOS 2.5)	Varname (HOS 2.5)	Varname (HOS 3.0)		Code	Description	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
		2012	2013	2014	2015						Bas 3/	Bas 4/	Bas 5/	Bas 6/	Bas 7/	Bas 8/	Bas 9/	Bas 10/ FU 8	Bas 11/		Bas 13/	Bas 14/ FU 12	Bas 15/	Bas 16/	Bas 17/	Bas 18/ FU 16	Bas 19/	Bas 20/	Bas 21/	Bas 22/		
GENHTH	VRGENHT H	VRGENHTH	VRGENHT H	VRGENHTH	VRGENHTH	General Health Question	1	Missing Excellent																								
							3	Very good Good																								
							4 5	Fair Poor	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
HTHTRN	not collected	1				Health Transition Question	1	Missing Much better now than one year ago																								
							3	Somewhat better now than one year ago About the same as one year ago																								
							5	Somewhat worse now than one year ago Much worse now than one year ago	2	2	2	2	2	2	2	2																
VIGACT	not collected	i				Vigorous Activities Question	1	Missing Yes, limited a lot																								
							2 3	Yes, limited a little No, not limited at all	3a	3a	3a	3a	3a	3a	3a	3a																
MODACT	VRMACT	VRMACT	VRMACT	VRMACT	VRMACT	Moderate Activities Question	. 1	Missing Yes, limited a lot																								
							2	Yes, limited a little No, not limited at all	3b	3b	3b	3b	3b	3b	3b	3b	2a	2a	2a	2a	2a	2a	2a	2a	2a	2a	2a	2a	2a	2a	2a	2a
LIFT	not collected	i				Lifting or carrying groceries Question	. 1	Missing Yes, limited a lot																								
							2	Yes, limited a little No, not limited at all	3c	3c	3с	3c	3c	3с	3c	3c																
CLMBSV	VRSTAIR	VRSTAIR	VRSTAIR	VRSTAIR	VRSTAIR	Climbing several flights of stairs Question	1	Missing Yes, limited a lot																								
							2	Yes, limited a little No, not limited at all	3d	3d	3d	3d	3d	3d	3d	3d	2b	2b	2b	2b	2b	2b	2b	2b	2b	2b	2b	2b	2b	2b	2b	2b
CLMBON	not collected	i				Climbing one flight of stairs Question	. 1	Missing Yes, limited a lot																								
							2	Yes, limited a little No, not limited at all	3e	3e	3e	3e	3e	3e	3e	3e																
BEND	not collected	1				Bending, kneeling, or stooping Question		Missing Yes, limited a lot																								
							2	Yes, limited a little No, not limited at all	3f	3f	3f	3f	3f	3f	3f	3f																
WLKMI	not collected	i				Walking > 1 mile Question		Missing Yes, limited a lot																								
							2	Yes, limited a little No, not limited at all	3g	3g	3g	3g	3g	3g	3g	3q																
WLKBKS	not collected	1				Walking several blocks Question		Missing Yes, limited a lot		-9	-5	-9	-5		- 3																	
							2	Yes, limited a little No, not limited at all	3h	3h	3h	3h	3h	3h	3h	3h																
WLK1BK	not collected	i				Walking 1 block Question		Missing Yes, limited a lot		011	011	011	0	Oil	0.1	Oii																
							2	Yes, limited a little No, not limited at all	3i	3i	3i	3i	3i	3i	3i	3i																
BATHDR	not collected	i				Q3j Bathing or dressing Question	1	Missing Yes, limited a lot																								
							2	Yes, limited a little No, not limited at all	3 _i	3j	3i	3j	3į	3į	3į	3j																
PCUTTM	not collected	1				Physical Health Limiting Time Spent on Activities	1	Missing Yes																								
PACMPL	not					Question Physical Health Limiting	2	No Missing	4a	4a	4a	4a	4a	4a	4a	4a																
	collected; see similar					Amount Accomplished Question	1 2	Yes No																								
	variable VRPACCL																															
	in 2.0 not					Physical Health Limiting the		Missing	4b	4b	4b	4b	4b	4b	4b	4b															\rightarrow	
	collected; see similar					Kind of Activities Question	1 2	Yes No																								
	variable VRPWORK																															
	in 2.0 not collected	1				Physical Health Causing		Missing	4c	4c	4c	4c	4c	4c	4c	4c																
						Difficulty Performing Activities Question	1 2	Yes No	4d	4d	4d	4d	4d	4d	4d	4d																
ECUTTM	not collected	1				Emotional Problems Limiting Time Spent on Activities		Missing Yes																								
EACMPL	not					Question Emotional Problems Limiting	2	No Missing	5a	5a	5a	5a	5a	5a	5a	5a																
	collected; see similar					Amount Accomplished Question	1 2	Wissing Yes No																								
	variable VRMACCL					acconor	-																									
	in 2.0					Emotional Problems Limiting		Missing	5b	5b	5b	5b	5b	5b	5b	5b																
	not collected; see similar					Carefulness Question	1 2	Missing Yes No																								
	variable VRMWORK																															
SOCLMT	in 2.0					Extent Physical Health or		Missing	5c	5c	5c	5c	5c	5c	5c	5c															\dashv	
						Emotional Problems Interfered with Social	1 2	Missing Not at all Slightly																								
						Activities Question	3 4	Moderately Quite a bit																								
PNMAGT	not collected	i				Bodily Pain Question	5	Extremely Missing	6	6	6	6	6	6	6	6													\vdash		\dashv	-
							1 2	None Very mild																								
							3	Mild Moderate																								
							5 6	Severe Very severe	7	7	7	7	7	7	7	7																

212	242	240			212				Ι.,			HOS 1	.0							HOS 2.0				HOS	S 2.5			HOS 3.0			=	=
SAS Varname	SAS Varname	SAS Varname	SAS Varname	SAS Varname	SAS Varname		Code	Description	1998	1999	2000	2001	2002	2003 :	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
(HOS 1.0)	(HOS 2.0)	(HOS 2.0) 2012	(HOS 2.5) 2013	(HOS 2.5) 2014	(HOS 3.0) 2015		Code	Description			Bas 3/	Bas 4/	Bas 5/ E	as 6/ E	Bas 7/ Ba	as 8/	Bas 9/ E	Bas 10/	Bas 11/	Bas 12/	Bas 13/	Bas 14/	Bas 15/	Bas 16/	Bas 17/	Bas 18/	Bas 19/	Bas 20/	Bas 21/	Bas 22/		
PNINTF	VRPAIN	VRPAIN	VRPAIN	VRPAIN	VRPAIN	Pain Interfering with Work	-	Missing	Bas 1	Bas 2	FU 1	FU 2	FU 3	FU 4	FU 5 F	-U 6	FU 7	FU 8	FU 9	FU 10	FU 11	FU 12	FU 13	FU 14	FU 15	FU 16	FU 17	FU 18	FU 19	FU 20	FU 21	FU 22
						Question	1 2	Not at all A little bit																								
							3 4	Moderately Quite a bit																								
FULPEP	not collected		ļ			Full of Pep Question	5	Extremely Missing	8	8	8	8	8	8	8	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
							1 2	All of the time Most of the time																								
							3 4	A good bit of the time Some of the time																								
							5 6	A little of the time None of the time	9a	9a	9a	9a	9a	9a	9a	9a																
NERVS	not collected					Nervous Question	1	Missing All of the time																								
							3	Most of the time A good bit of the time																								
							5	Some of the time A little of the time None of the time	9b	9b	9b	9b	9b	9b	9b	9b																
DNDMPS	not collected					Down in the Dumps Question		Missing All of the time	90	90	30	30	90	30	an an	30																
						agaconon .	2	Most of the time A good bit of the time																								
							4 5	Some of the time A little of the time																								
PCEFUL	VRCALM	VRCALM	VRCALM	VRCALM	VRCALM	Calm and Peaceful Question	6	None of the time Missing	9c	9c	9c	9c	9c	9c	9c	9c															\rightarrow	
							1 2	All of the time Most of the time																								
							3 4	A good bit of the time Some of the time																								
							6	A little of the time None of the time	9d	9d	9d	9d	9d	9d	9d	9d	6a	6a	6a	6a	6a	6a	6a	6a	6a	6a	6a	6a	6a	6a	6a	6a
ENERGY	VRENERGY	VRENERGY	VRENERGY	VRENERGY	VRENERGY	Lots of Energy Question	1	Missing All of the time Most of the time																								
							3	A good bit of the time Some of the time																								
							5	A little of the time None of the time																								
BLSAD	VRDOWN	VRDOWN	VRDOWN	VRDOWN	VRDOWN	Downhearted and Blue		Missing	9e	9e	9e	9e	9e	9e	9e	9e	6b	6b	6b	6b	6b	6b	6b	6b	6b	6b	6b	6b	6b	6b	6b	6b
						Question	2	All of the time Most of the time																								
							4	A good bit of the time Some of the time																								
WONOUT	not collected					5 F W 010 F	6	A little of the time None of the time	9f	9f	9f	9f	9f	9f	9f	9f	6c	6c	6c	6c	6c	6c	6c	6c	6c	6c	6c	6c	6c	6c	6c	6c
WKNOUT	not collected					Feeling Worn Out Question	1	Missing All of the time Most of the time																								
							3	A good bit of the time Some of the time																								
							5	A little of the time None of the time	9g	9g	9g	9g	9g	9g	9g	9g																
HAPPY	not collected					Happy Question	1	Missing All of the time	Ĭ			Ť	-																			
							2	Most of the time A good bit of the time																								
							5	Some of the time A little of the time																								
TIRED	not collected					Feeling Tired Question		None of the time Missing	9h	9h	9h	9h	9h	9h	9h	9h																-
							2	All of the time Most of the time																								
							4	A good bit of the time Some of the time A little of the time																								
							6	None of the time	9i	9i	9i	9i	9i	9i	9i	9i																
SCLACT	VRSACI	VRSACT	VRSACT	VRSACT	VRSACT	Amount of Time Physical Health or Emotional Problems Interfered with	1	Missing All of the time Most of the time																								
						Social Activities Question	3	Most or the time Some of the time A little of the time																								
SCKESY	not collected		-			Sick Easier Than Other	5	None of the time Missing	10	10	10	10	10	10	10	10	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7
JOILEGI	controlled					People Question	1 2	Missing Definitely true Mostly true																								
							3	Don't know Mostly false																								
ASHLTH	not collected					As Healthy As Anybody I	5	Definitely false Missing	11a	11a	11a	11a	11a	11a	11a 1	11a															\rightarrow	
						Know Question	1 2	Definitely true Mostly true																								
							3 4	Don't know Mostly false																								
HTHWSE	not collected		-			Expect Health To Get Worse	5	Definitely false Missing	11b	11b	11b	11b	11b	11b	11b 1	11b															\dashv	\dashv
						Question	1 2	Definitely true Mostly true																								
							3 4	Don't know Mostly false																								
HTHEXT	not collected		1			Excellent Health Question	5	Definitely false Missing	11c	11c	11c	11c	11c	11c	11c 1	11c															\rightarrow	\dashv
							1 2	Definitely true Mostly true																								
							3 4	Don't know Mostly false Definitely false																								
DIFBTH	ADLBTH	ADLBTH	ADLBTH	ADLBTH	ADLBTH	Bathing Question		Missing	11d	11d	11d	11d	11d	11d	11d 1	11d															\longrightarrow	\dashv
	recode	recode	recode	recode	recode	=	1 2	I am unable to do this activity Yes, I have difficulty No, I do not have difficulty																								
							3	No, I do not have difficulty	12a	12a	12a	12a	12a	12a	12a 1	12a																

212		242		212					—		,	HOS 1	1.0							HOS 2.0	_			НО	S 2.5			HOS 3.0			=	=
SAS Varname	SAS Varname	SAS Varname	SAS Varname	SAS Varname	SAS Varname		Cada		4000	4000																						
(HOS 1.0)	(HOS 2.0)	(HOS 2.0) 2012	(HOS 2.5) 2013	(HOS 2.5) 2014	(HOS 3.0) 2015		Code	Description	1998		Bas 3/	2001 Bas 4/	Bas 5/ I	2003 Bas 6/	Bas 7/ E	Bas 8/	Bas 9/	2007 Bas 10/	2008 Bas 11/	2009 Bas 12/	2010 Bas 13/	2011 Bas 14/	2012 Bas 15/	2013 Bas 16/	2014 Bas 17/	2015 Bas 18/	2016 Bas 19/	Bas 20/	2018 Bas 21/	Bas 22/	2020	2021
DIFDRS	ADLDRS	ADLDRS	ADLDRS	ADLDRS	ADLDRS	Dressing Question	ļ	Missing	Bas 1	Bas 2	FU 1	FU 2	FU 3	FU 4	FU 5	FU 6	FU 7	FU 8	FU 9	FU 10	FU 11	FU 12	FU 13	FU 14	FU 15	FU 16	FU 17	FU 18	FU 19	FU 20	FU 21	FU 22
DIFDRS	recode	recode	recode	recode	recode	Dressing Question	1	I am unable to do this activity Yes, I have difficulty																								
							3	No, I do not have difficulty	12b	12b	12b	12b	12b	12b	12b	12b																
DIFEAT	ADLEAT recode	ADLEAT recode	ADLEAT recode	ADLEAT recode	ADLEAT recode	Eating Question	1	Missing I am unable to do this activity																								
							2	Yes, I have difficulty No, I do not have difficulty	12c	12c	12c	12c	12c	40	12c	12c																
DIFCHR	ADLCHR	ADLCHR	ADLCHR	ADLCHR	ADLCHR	Getting In/Out of Chairs		Missing	12c	12c	12c	12c	12c	12c	12c	12c															\rightarrow	-
	recode	recode	recode	recode	recode	Question	2	I am unable to do this activity Yes, I have difficulty																								
DIFWLK	ADLWLK	ADLWLK	ADLWLK	ADLWLK	ADLWLK	Walking Question	3	No, I do not have difficulty Missing	12d	12d	12d	12d	12d	12d	12d	12d																
DIFWLK	recode	recode	recode	recode	recode	waiking Question	1	I am unable to do this activity																								
							3	Yes, I have difficulty No, I do not have difficulty	12e	12e	12e	12e	12e	12e	12e	12e																
DIFTOL	ADLTLT recode	ADLTLT recode	ADLTLT recode	ADLTLT recode	ADLTLT recode	Using the Toilet Question		Missing I am unable to do this activity																								
	recode	recode	recode	recode	recode		2	Yes, I have difficulty No, I do not have difficulty		12f	12f				12f																	
CPNEXR	CHSTEX	CHSTEX	not collected			Chest Pain/Pressure on		Missing	12f	121	121	12f	12f	12f	121	12f															-+	-
						Exertion Question	1 2	All of the time Most of the time																								
							3	Some of the time A little of the time																								
ODUDOT	OUOTBOT	OUNTRAT				0. 10. 0	5	None of the time	13a	13a	13a	13a	13a	16a	16a	16a	14a	14a	14a	14a	14a	14a	14a									
CPNRST	CHSTRST	CHSTRST	not collected			Chest Pain/Pressure at Rest Question	1	Missing All of the time													1											
1							3	Most of the time Some of the time													1											
1							4 5	A little of the time None of the time	13b	13b	13b	13b	13b	16b	16b	16b	14b	14b	14b	14b	14b	14b	14b									
SOBFLT	SOBFLT	SOBFLT	not collected			Shortness of Breath when		Missing	130	130	130	130	130	100	100	100	140	140	140	140	140	140	140								-	
1						Lying Flat Question	2	All of the time Most of the time													1											
							4	Some of the time A little of the time																								
SOBSIT	SOBSIT	SOBSIT	not collected			Shortness of Breath when	5	None of the time Missing	14a	14a	14a	14a	14a	17a	17a	17a	15a	15a	15a	15a	15a	15a	15a								\rightarrow	
500511	SOBSIT	JOBSII	not conected			Sitting/Resting Question	1	All of the time Most of the time																								
							3	Some of the time																								
							5	A little of the time None of the time	14b	14b	14b	14b	14b	17b	17b	17b	15b	15b	15b	15b	15b	15b	15b									
SOBWLK	SOBWLK	SOBWLK	not collected			Shortness of Breath when Walking Less than One	1	Missing All of the time																								
						Block Question	2	Most of the time Some of the time																								
							4	A little of the time None of the time	l l																							
SOBSTR	SOBSTR	SOBSTR	not collected			Shortness of Breath when		Missing	14c	14c	14c	14c	14c	17c	17c	17c	15c	15c	15c	15c	15c	15c	15c								\rightarrow	
						Climbing One Flight of Stairs Question	1 2	All of the time Most of the time																								
							3	Some of the time A little of the time																								
NUMBER	CTAIL IMP	CTAU IN IO				N 1 5 10 5	5	None of the time	14d	14d	14d	14d	14d	17d	17d	17d	15d	15d	15d	15d	15d	15d	15d									
NMBFET	FINUMB	FTNUMB	not collected			Numbness in Feet Question	1	Missing All of the time																								
							3	Most of the time Some of the time																								
							5	A little of the time None of the time	15a	15a	15a	15a	15a	18a	18a	18a	16a	16a	16a	16a	16a	16a	16a									
ANKSWL	not collected	i				Ankle/Leg Swelling Question	1	Missing All of the time																								
							2	Most of the time Some of the time																								
							4	A little of the time																								
TINGFT	FTSENS	FTSENS	not collected			Foot Tingling/Burning		None of the time Missing	15b	15b	15b	15b	15b	+	-		\dashv				1				-						\rightarrow	\dashv
1						Question	1 2	All of the time Most of the time													1											
1							3	Some of the time A little of the time													1											
DECENS	ETUC	ETUC	not collect-	1		Degraced Ability to Feet Lie	5	None of the time	15c	15c	15c	15c	15c	18b	18b	18b	16b	16b	16b	16b	16b	16b	16b									
DECSNS	TING	FTHC	not collected			Decreased Ability to Feel Ho or Cold in Feet Question	1	Missing All of the time													1											
1							3	Most of the time Some of the time													1											
1							5	A little of the time None of the time	15d	15d	15d	15d	15d	18c	18c	18c	16c	16c	16c	16c	16c	16c	16c									
DECHEL	FTSRS	FTSRS	not collected		İ	Sores/Wounds on Feet Question		Missing All of the time					\neg				\dashv														\neg	\neg
1						- Angelon	2	All or the time Most of the time Some of the time													1											
1							4	A little of the time													1											
PARLYS	not collected	1	1	-		Paralysis or-Weakness on	5	None of the time Missing	15e	15e	15e	15e	15e	18d	18d	18d	16d	16d	16d	16d	16d	16d	16d		-						\rightarrow	\dashv
1						One Side of Body Question	1 2	Yes, I have it Yes, but it went away													1											
							3	No	16a	16a	16a	16a	16a	19a	19a	19a																
LSTTLK	not collected	1				Lost Ability to Talk Question	1	Missing Yes, I have lost it													1											
1							2	Yes, but it returned No	16b	16b	16b	16b	16b	19b	19b	19b					1											
RDNEWP	READ	READ		DIFSEE	DIFSEE	See Well Enough to Read	:	Missing	.50	.00		.00	.00	.55	.55	.00	\dashv														\dashv	\dashv
L			recode	recode	recode	Newspaper Question	2	Yes No	17	17	17	17	17	20	20	20	18	18	18	18	18	18	18									[
HRMOST	HEAR	HEAR	DIFHEAR	DIFHEAR	DIFHEAR	Hear Most Things People		Missing									\dashv														\rightarrow	=
			recode	recode	recode	Say Question	1 2	Yes No	_			.	.	.				4.5		4-		_										
			<u> </u>				_		18	18	18	18	18	21	21	21	19	19	19	19	19	19	19								_	

SAS	SAS	SAS	SAS	SAS	SAS							HOS 1	1.0							HOS 2.0				HO	S 2.5			HOS 3.0				
Varname (HOS 1.0)	Varname (HOS 2.0)	Varname (HOS 2.0)	Varname (HOS 2.5)	Varname (HOS 2.5)	Varname (HOS 3.0)		Code	Description	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
(1103 1.0)	(1103 2.0)	2012	2013	2014	2015		Cour	Securitaria			Bas 3/	Bas 4/	Bas 5/	Bas 6/	Bas 7/ E	3as 8/	Bas 9/	Bas 10/	Bas 11/	Bas 12/	Bas 13/	Bas 14/	Bas 15/	Bas 16/	Bas 17/	Bas 18/	Bas 19	Bas 20/	Bas 21/	Bas 22/		
ACDING	not collected					Now Have Acid Indigestion		Missing	Bas 1	Bas 2	FU 1	FU 2	FU 3	FU 4	FU 5	FU 6	FU 7	FU 8	FU 9	FU 10	FU 11	FU 12	FU 13	FU 14	FU 15	FU 16	FU 17	FU 18	FU 19	FU 20	FU 21	FU 22
						or Heartburn Question	1	Yes No	19	19	19	19	19																	ı		
CTRURN	not collected					Now Have Difficulty Controlling Urination Question	1	Missing Yes No																								
HIGHBP	CCHBP	CCHBP	CCHBP	CCHBP	CCHBP	Ever Had Hypertension Question		Missing Yes	20	20	20	20	20	22	22	22																
ANGCAD	CC_CAD	CC_CAD	CC_CAD	CC_CAD	CC_CAD	Ever Had Angina	2	No Missing	21	21	21	21	21	23	23	23	20	20	20	20	20	20	20	22	20	20	20	20	20	20	20	20
CUE	CC CUE	CC CUE	CC CUE	CC CUE	CC CUE	Pectoris/Coronary Artery Disease Question	1	Yes No	22	22	22	22	22	24	24	24	21	21	21	21	21	21	21	23	21	21	21	21	21	21	21	21
CHF	CC_CHF	CC_CHF	CC_CHF	CC_CHF	CC_CHF	Ever Had Congestive Heart Failure Question	1 2	Missing Yes No	23	23	23	23	23	25	25	25	22	22	22	22	22	22	22	24	22	22	22	22	22	22	22	22
AMI	CCMI	CCMI	CCMI	CCMI	CCMI	Ever Had Myocardial Infarction Question	1	Missing Yes No		0.4		24		00	26								23	0.5				23				23
OTHHRT	CCHRTOT H	CCHRTOTH	CCHRTOT H	CCHRTOTH	CCHRTOTH	Ever Had Other Heart Conditions Question	. 1	Missing Yes	24	24	24	24	24	26	26	26	23	23	23	23	23	23	23	25	23	23	23	23	23	23	23	23
STROKE	CCSTROK	CCSTROKE	CCSTROK	CCSTROKE	CCSTROKE	Ever Had Stroke Question	2	No Missing	25	25	25	25	25	27	27	27	24	24	24	24	24	24	24	26	24	24	24	24	24	24	24	24
	Е		Е				1 2	Yes No	26	26	26	26	26	28	28	28	25	25	25	25	25	25	25	27	25	25	25	25	25	25	25	25
COPD_E	CC_COPD	CC_COPD	CC_COPD	CC_COPD	CC_COPD	Ever Had Emphysema, Asthma, or COPD Question	1 2	Missing Yes No																								
GI_ETC	CCGI	CCGI	CCGI	CCGI	CCGI	Ever Had Crohn's Disease, Ulcerative Colitis, or		Missing Yes	27	27	27	27	27	29	29	29	26	26	26	26	26	26	26	28	26	26	26	26	26	26	26	26
						Inflammatory Bowel Disease Question	2	No	28	28	28	28	28	30	30	30	27	27	27	27	27	27	27	29	27	27	27	27	27	27	27	27
ATHHIP	CCARTHIP	CCARTHIP	CCARTHIP	CCARTHIP	CCARTHIP	Ever Had Arthritis of Hip/Knee Question	1 2	Missing Yes No	29	29	29	29	29	31	31	31	28	28	28	28	28	28	28	30	28	28	28	28	28	28	28	28
ATHHAN	CCARTHN D	CCARTHND	CCARTHN D	CCARTHND	CCARTHND	Ever Had Arthritis of Hand/Wrist Question	. 1	Missing Yes No																								
SCIATC	CCSCIATI	CCSCIATI	CCSCIATI	CCSCIATI	CCSCIATI	Ever Had Sciatica Question	. 1	Missing Yes	30	30	30	30	30	32	32	32	29	29	29	29	29	29	29	31	29	29	29	29	29	29	29	29
DIABET	CCDIABET	CCDIABET	CCDIABET	CCDIABET	CCDIABET	Ever Had Diabetes, High	2	No Missing	31	31	31	31	31	33	33	33	31	31	31	31	31	31	31	33	31	31	31	31	31	31	31	31
						Blood Sugar, or Sugar in Urine Question	1	Yes No	32	32	32	32	32	34	34	34	32	32	32	32	32	32	32	34	32	32	32	32	32	32	32	32
ANYCAN	CCANYCA	CCANYCA	CCANYCA	CCANYCA	CCANYCA	Ever Had Any Cancer Question	1 2	Not Answered Yes No	33	33	33	33	33	35	35	35	33	33	33	33	33	33	33	36	34	34	34	34	34	34	34	34
ARTHPN	PNART	PNART	not collected			Arthritis Pain Question	. 1	Missing None Very Mild																					-			
							3	Mild Moderate																						l		
COLNCA	CACOLON	CACOLON	CACOLON	CACOLON	CACOLON	Colon or Rectal Cancer	5	Severe Not Answered	34 rec	34	34	34	34	36	36	36	17	17	17	17	17	17	17							_	\vdash	$\vdash \vdash$
LUNGCA	CALUNG	CALUNG	CALUNG	CALLING	CALUNG	Current Treatment Question Lung Cancer Current	2	Yes No Not Answered	35a	35a	35a	35a	35a	37a	37a	37a	34a	34a	34a	34a	34a	34a	34a	37a	35a	35a	35a	35a	35a	35a	35a	35a
LUNGCA	CALUNG	CALUNG	CALUIVO	CALUNG	CALUNG	Treatment Question	1 2	Yes No	35b	35b	35b	35b	35b	37b	37b	37b	34b	34b	34b	34b	34b	34b	34b	37b	35b	35b	35b	35b	35b	35b	35b	35b
BRSTCA	CABRST	CABRST	CABRST	CABRST	CABRST	Breast Cancer Current Treatment Question	1	Not Answered Yes																								
PROSCA	CAPROS	CAPROS	CAPROS	CAPROS	CAPROS	Prostate Cancer Current Treatment Question	. 1	Not Answered Yes	35c	35c	35c	35c	35c	37c	37c	37c	34c	34c	34c	34c	34c	34c	34c	37c	35c	35c	35c	35c	35c	35c	35c	35c
BACKPN	PNBACK	PNBACK	not collected			Low Back Pain Interfered	2	No Missina	35d	35d	35d	35d	35d	37d	37d	37d	34d	34d	34d	34d	34d	34d	34d	37d	35d	35d	35d	35d	35d	35d	35d	35d
						with Daily Activities Question	1 2	All of the time Most of the time																						1		
							4 5	Some of the time A little of the time None of the time	36	36	36	36	36	38	38	38	35	35	35	35	35	35	35							1		
NUMBLG	not collected					Pain, Numbness, Tingling Down Leg Question	. 1	Missing All of the time	50										-0				- 50								\Box	
							2 3 4	Most of the time Some of the time A little of the time																						1		
FELTSD	DEP2WK	DEP2WK	not collected			Two Weeks of Depression in	5	None of the time Missing	37	37	37	37	37				-													 	\sqcup	
						Past Year Question	1 2	Yes No	38	38	38	38	38	39	39	39	36	36	36	36	36	36	36							<u> </u>		
DEPMCH	DEPYR	DEPYR	not collected			Depression Much of the Time in Past Year Question	1 2	Missing Yes No	39	39	39	39	39	40	40	40	37	37	37	37	37	37	37							1		
DEP2YR	DEP2YR	DEP2YR	not collected			Depression Most of the Time for 2 Years Question	. 1	Missing Yes																								
CMPHTH	CMPHTH	CMPHTH	СМРНТН	CMPHTH	СМРНТН	Health Compared to Other People Your Age Question	. 1	No Missing Excellent	40	40	40	40	40	41	41	41	38	38	38	38	38	38	38								\vdash	
							2	Very good Good																								
SMK100	not collected					Smoked At Least 100	5	Fair Poor Missing	41	41	41	41	41	42	42	42	39	39	40	40	40	40	40	42	40	40	40	40	40	40	40	40
JWIN (UU	or conected					Cigarettes in Entire Life Question	1 2	Yes No																						ſ		
							3	Don't know	42	42	42	42	42																		لــــــــــــــــــــــــــــــــــــــ	ш

March Marc													HOS	1.0							HOS 2.0				HOS	S 2.5			HOS 3.0				
Marcha M								Cada		4000	4000																						
Section Sect	(HOS 1.0)	(HOS 2.0)		(HOS 2.5) 2013				Code	Description			Bas 3/	Bas 4/	Bas 5/	Bas 6/	Bas 7/	Bas 8/	Bas 9/	Bas 10/	Bas 11/	Bas 12/	Bas 13/	Bas 14/	Bas 15/	Bas 16/	Bas 17/	Bas 18/	Bas 19/	Bas 20/	Bas 21/	Bas 22/		
Part	SMKFRQ	SMOKE	SMOKE	SMOKE	SMOKE	SMOKE	Current Smoker Question	l.	Missina	Bas 1	Bas 2	FU 1	FU 2	FU 3	FU 4	FU 5	FU 6	FU 7	FU 8	FU 9	FU 10	FU 11	FU 12	FU 13	FU 14	FU 15	FU 16	FU 17	FU 18	FU 19	FU 20	FU 21	FU 22
Part								1 2	Every day																								ŀ
State Stat								3	Not at all	42	42	42	42	42	42	42	42	40	40	41	41	41	41	41	42	41	41	41	41	41	41	41	41
Part	DRSQT_R	not collected						:	Missing	45	45	45	40	45	45	43	45	40	40	41	41	4.	4.	41	45	41	41	41	41	41	41	41	41
Part							Smoking Question (recoded)	1.1	Less than 12 months (cohort 1 baseline only)																								ŀ
State Stat								2.1	12 months or more (cohort 1 baseline only)																								ŀ
Part	QSMKAD	not collected					Advised to Quit Smoking	3		44 rec	44	44	44	44																			
Part								1 2	None 1 visit																								ŀ
Part								3																									ŀ
State Stat								5 6	10 or more visits I had no visits in the last 6 months	46	45	45	45	45																			ŀ
Column C	BRTHYR	SRVBRYR	SRVBRYR	SRVBRYR	not collected		Survey Reported Year of			40	45	45	45	45																			
No.										47	46	46	46	46	48	48	50	54	54	55	55	55	55	55	57								
Note	SV_GND	SRVGEND	SRVGEND	SRVGEND			Survey Reported Gender Question (What is your sex?)	1	Male																								ŀ
Column C								2		48	47	47	47	47	49	49	51	55	55	56	56	56	56	56	58								
Note					SKVGEND	SKVGEND	Question ("Are you male or	1	Male																								1
State Stat							,	3																		55	57	57	57	57	57a	57a	56a
March Marc						SV_GNDOTH													Ţ														1
Column C	HISPAN	HISPAN	HISPAN	not collected			Hispanic Question	Ŀ								+															57b	57b	56b
Marchan Marc								2	No	49	48	48	48	48	50	50	52	56	56	57	57	57	57	57									
March Marc	SV_RAC	SV_RAC			-	-		1	Am Indian or Alaskan Native						П			П															
Second		from multiple						2	Asian or Pacific Islander Black or African American																								ŀ
Second		RACE questions:						4 5																									ŀ
Marcine Marc		RCNATAM																															1
Marcian Marc		RCAFRAM,																															1
Marcine Marc		RCWHITE,																															1
Parison Pari		Not																															1
Marcin M		the 2011																															ŀ
MRTIL MR		Survey)																															ŀ
Part	MARITL	MARITAL	MARITAL	MARITAL	MARITAL	MARITAL	Marital Status Question		Missing	50	49	49	49	49	51	51	53	57a-f	57a-f	58a-f	58a-f	58a-f	58a-e	58a-e									
Companies Comp								1 2	Married																								ŀ
Note								3	Separated																								ŀ
Big grade is less Big								5	Never married	51	50	50	50	50	52	52	54	58	58	59	59	59	59	59	62	59	61	61	61	61	61	61	60
Page	EDUC	EDUC	EDUC	EDUC	EDUC	EDUC	Education Question	1	8th grade or less																								ŀ
## ACOMN PACONN								3	High school graduate or GED																								ŀ
## MOWN MOWN MOWN MOWN MOWN MOWN MOWN MOWN								4 5	4 year college graduate																								ŀ
TRECOM Not collected: Part HMOWN	HMOWN	HMOWN	HMOWN	HMOWN	HMOWN	Housing Question	6	> 4 year college degree	52	51	51	51	51	53	53	55	59	59	60	60	60	60	60	63	60	62	62	62	62	62	62	61	
Residence of minoral polyment of rent above of the accordance of the control of t								1 2	Owned or being bought by you		1																						ŀ
ATRICOM not collected								3	Rented for money		1																						1
Referenced Community Missing Name Section Name Section Name Section								4	None of the above		1																						ŀ
Coastion Vea Vea Vea Vea										54	52	52	52	52	54	54	56	60	60	61	61	61	61	61	66	63	65	65	65	65	65	65	64
Reference Community Missing Mi	RTRCOM	not collected						1							Ī				Ţ														1
Medical Services Question 2 No 6 5 4 54 54 54 54 54 54 54 54 54 54 54 54	MDSVPV	not collected					Retirement Community		No Missing	55	53	53	53	53		-		-															
Missing Person behm survey was addressed Pers							Medical Services Question	1 2			· .	· .	Ę.,	-																			ŀ
## Prince Part Part	WHOCMP	CMPWHO	CMPWHO	CMPWHO	CMPWHO	CMPWHO		Ē.		56	54	54	54	54																			—
HHINC HHINC HHINC HHINC HHINC HHINC HOUSehold income Question I. Missing I. Less than \$5.00 \$ 2							Question	2	Family member or relative		1																						1
HHNC HHNC HHNC HHNC HHNC HHNC HHNC HHNC								3											64	60	60	60	en	60	70				00				05
2 SS,000-59,999 3 33,000-519,999 4 320,000-529,999 5 53,000-539,999 5 53,000-529,999 5 53,000-529,999 5 53,000-529,999 5 53,000-529,999 5 53,000-529,999 6 5 SS,000-529,999 6 SS,000-529,999	HHINC	HHINC	HHINC	HHINC	HHINC	HHINC	Household Income Question		Missing	5/	55	55	55	55	55	22	5/	61	61	62	62	62	62	62	/0	64	66	96	ъб	96	ьб	96	00
## A \$20,000-\$29,999								2	\$5,000-\$9,999		1																						1
6 5 \$40,000-\$49,999								4	\$20,000-\$29,999		l																						ı
8 s S80,000,599,999 9 510,000 rowe 9 10 Don't know 53 57 57 57 57 57 57 57 57 57 57 58 63 63 64 64 64 64 64 64 64 64 64 64 64 64 64								6	\$40,000-\$49,999		1																						
10 Don't know								7 8	\$80,000-\$99,999		1																						
The following MHOS questions were first asked on the 2003 Survey								9 10	\$100,000 or more Don't know		1																						
PHYTH HDPHY										53	57	57	57	57	57	57	59	63	63	64	64	64	64	64	72	66	68	68	68	68	68	68	67
MENHTH HDMEN HDMEN HDMEN HDMEN HDMEN Number of Days Mental Missing							Number of Dave Physical	1	Missing		<u> </u>			_		_										-							
MENHIH HUMEN								00-98	Valid						13	13	13	11	11	11	11	11	11	11	12	12	12	12	12	12	12	12	12
	MENHTH	HDMEN	HDMEN	HDMEN	HDMEN	HDMEN	Number of Days Mental Health Not Good Question	00-98	Missing Valid		<u></u>				14	14	14	12	12	12	12	12	12	12	13	13	13	13	13	13	13	13	13

												HOS 1	1.0						HOS 2.0				HOS	3 2.5			HOS 3.0			\equiv	\blacksquare
SAS Varname	SAS Varname	SAS Varname	SAS Varname	SAS Varname	SAS Varname																										
(HOS 1.0)	(HOS 2.0)	(HOS 2.0)	(HOS 2.5)	(HOS 2.5)	(HOS 3.0)		Code	Description	1998	1999			2002			5 200	06 200	7 2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
		2012	2013	2014	2015				Pac 1	Bac 2	Bas 3/	Bas 4/	Bas 5/ E	Bas 6/ B	as 7/ Bas	8/ Bas	9/ Bas 1	10/ Bas 11/ 8 FU 9	Bas 12/ FU 10	Bas 13/ FU 11	Bas 14/ FU 12	Bas 15/ FU 13	Bas 16/ FU 14	Bas 17/	Bas 18/	Bas 19/	Bas 20/	Bas 21/	Bas 22/ FU 20	EII 24	E11 22
PORHTH	HDACT	HDACT	HDACT	HDACT	HDACT	Number of Days Health		Missing	Das I	Das 2		102	103		03 10	0 10	10	103	1010	1011	1012	1013	1014	1013	1010	1017	1010	1013	1020	1021	022
						Interfered with Daily Activities Question	00-98	Valid						15	15 15	5 13	3 13	13	13	13	13	13	14	14	14	14	14	14	14	14	14
URNLKG	MUILKG	MUILKG	MUILKG	MUILKG	MUILKG	Urine Leakage in Past 6 Months Question		Missing Yes																							
								No No						44	44 4	4	1 41	42	42	42	42	42	44	42	42	42	42	42	42	42	42
URNMAG	MUIMAG	MUIMAG	MUIMAG	MUIMAG	MUIDACT recode	Magnitude of Urine Leakage Problem Question	1	Missing A big problem																							
							2	A small problem Not a problem											40	40	40	40	45	4.0	40	40	40			40	40
URNDOC	MUITLK	MUITLK	MUITLK	MUITLK	MUITLK	Talked with Doctor About		Missing			-		-	45	45 45	5 42	2 42	43	43	43	43	43	45	43	43	43	43	43	43	43	43
						Urine Leakage Question	1	Yes No																							
								I did not see a doctor or health provider						46	46 46	43	3 43	44	44	44	44	44	46	44	44	44	44	44	44	44	44
URNTRT	MUITRT	MUITRT	MUITRT	MUITRT	MUITRT	Received Treatment for Urine Leakage Question	1	Missing Yes																							
							2	No						47	47 47	44	4 44	45	45	45	45	45	47	45	45	45	45	45	45	45	45
The following	g MHOS que	estions were f	irst asked on	the 2005 Surve	y		L							-																-+	-
ACTDOC	PAOTLK	PAOTLK	PAOTLK	PAOTLK	PAOTLK	Talked with Doctor About		Missing																							
						Physical Activity	2	Yes No																							
AOTADI/	DAGABU	D40401	DAGABU	DAO4DV	DAGABU/	0.10		I had no visits in the last 12 months							48	45	5 45	46	46	46	46	46	48	46	46	46	46	46	46	46	46
ACTADV	PAOADV	PAOADV	PAOADV	PAOADV	PAOADV	Did Doctor Advise you to start, increase or maintain	1	Missing Yes																							
The fall of	- MUCO			4b- 2002 2	<u> </u>	level of exercise	2	No							49	46	6 46	47	47	47	47	47	49	47	47	47	47	47	47	47	47
The following		VRPACCL		the 2006 Surve	VRPACCL	Physical Health Limiting	1	No. none of the time	\vdash				-				-		1		\vdash									-+	-
variable, PACMPL						Amount Accomplished Question	2	Yes, a little of the time Yes, some of the time																							
(yes/no)						Question	4	Yes, most of the time																							
1								Yes, all of the time Missing								34	а За	3a	3a	3a	3a	3a	3a	3a	3a	3a	3a	3a	3a	3а	3a
similar	VRPWORK	VRPWORK	VRPWORK	VRPWORK	VRPWORK	Physical Health Limiting the		No, none of the time								1	- 00			ou	00	ou	- Ou	- Ou	- Ou	ou	ou	- Ou	- Ou		
variable PLMTKW						Kind of Activities Question	3	Yes, a little of the time Yes, some of the time																							
(yes/no)							4 5	Yes, most of the time Yes, all of the time																							
								Missing								38	b 3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b	3b
similar variable	VRMACCL	VRMACCL	VRMACCL	VRMACCL	VRMACCL	Emotional Problems Limiting Amount Accomplished	2	No, none of the time Yes, a little of the time																							
EACMPL (yes/no)						Question	3	Yes, some of the time Yes, most of the time																							
(yearno)							5	Yes, all of the time																							
similar	VRMWORK	VRMWORK	VRMWORK	VRMWORK	VRMWORK	Emotional Problems Limiting	1	Missing No, none of the time			-			-		4:	a 4a	4a	4a	4a	4a	4a	4a	4a	4a	4a	4a	4a	4a	4a	4a
variable ENTCRF						Carefulness Question	2	Yes, a little of the time Yes, some of the time																							
(yes/no)							4	Yes, most of the time																							
								Yes, all of the time Missing								41	b 4b	4b	4b	4b	4b	4b	4b	4b	4b	4b	4b	4b	4b	4b	4b
	VRPHCMP	VRPHCMP	VRPHCMP	VRPHCMP	VRPHCMP	Rate your Physical Health	1	Much better									<u> </u>		-										-		
						Compared to One Year Ago	3	Slightly better About the same																							
							5	Slightly worse Much worse																							
	V PARILON IP	VRMHCMP	LIDAU LOND	VIDALI IOMB	VRMHCMP	Rate your Emotional		Missing Much better								8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
	VRMHUMP	VRMHCMP	VRMHCMP	VRMHCMP	VRMHCMP	Problems Compared to One	2	Slightly better																							
						Year Ago		About the same Slightly worse																							
								Much worse Missing								9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	
	ADLBTH	ADLBTH	ADLBTH	ADLBTH	ADLBTH	Difficulty Bathing	1	No, I do not have difficulty								9	, 9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
1							3	Yes, I have difficulty I am unable to do this activity																							
	4010	ADI D.T.	1015	ADI DE T	10105-	D.W. H. D.		Missing						_		10)a 10a	10a	10a	10a	10a	10a	10a	10a	10a	10a	10a	10a	10a	10a	10a
1	ADLDRS	ADLDRS	ADLDRS	ADLDRS	ADLDRS	Difficulty Dressing	2	No, I do not have difficulty Yes, I have difficulty																							
1							3	I am unable to do this activity Missing								10)b 10b	10b	10b	10b	10b	10b	10b	10b	10b	10b	10b	10b	10b	10b	10b
	ADLEAT	ADLEAT	ADLEAT	ADLEAT	ADLEAT	Difficulty Eating	1	No, I do not have difficulty					\dashv	- 		-10	101	. 100	.00	100	.50	.00	.50	.55	.00	.00	.00	100	100	-100	.00
1							3	Yes, I have difficulty I am unable to do this activity																							
L	ADI CUE	ADLC::S	ADI CUE	ADI CU'S	ADLCUS	Different Continue		Missing	\vdash				\perp	_		10	Oc 100	10c	10c	10c	10c	10c	10c	10c	10c	10c	10c	10c	10c	10c	10c
1	ADLCHR	ADLCHR	ADLCHR	ADLCHR	ADLCHR	Difficulty Getting in or out of Chairs	2	No, I do not have difficulty Yes, I have difficulty																							
1							3	I am unable to do this activity Missing								10)d 10c	1 10d	10d	10d	10d	10d	10d	10d	10d	10d	10d	10d	10d	10d	10d
	ADLWLK	ADLWLK	ADLWLK	ADLWLK	ADLWLK	Difficulty Walking	1	No, I do not have difficulty					-			10	nu 100	100	100	100	100	IUG	100	100	100	100	100	DUI	rod	100	ivu
1							3	Yes, I have difficulty I am unable to do this activity																							
L	401717	ADI TI T	101717	ADITIT	ADI TI T	DW		Missing	\sqcup							10	e 10e	10e	10e	10e	10e	10e	10e	10e	10e	10e	10e	10e	10e	10e	10e
1	ADLTLT	ADLTLT	ADLTLT	ADLTLT	ADLTLT	Difficulty Using Toilet	2	No, I do not have difficulty Yes, I have difficulty																							
I							3	I am unable to do this activity Missing								10	Of 101	10f	10f	10f	10f	10f	10f	10f	10f	10f	10f	10f	10f	10f	10f
	CCOSTEO	CCOSTEO	CCOSTEO	CCOSTEO	CCOSTEO	Ever Had Osteoporosis		Yes					-+	-		10	- 101	101	101	101	101	101	IUI	101	101	101	101	101	101	101	.01
I						Question		No Missing								30	0 30	30	30	30	30	30	32	30	30	30	30	30	30	30	30
	FRMTLK	FRMTLK	FRMTLK	FRMTLK	FRMTLK	Talked with Doctor about	1	Yes								30	_ 30	30	30	30	50		U.E.	- 50	30	50		55			
						Falling or Walking Problem	3	No I had no visits in the past 12 months																							1
<u> </u>	FRMFALL	FRMFALL	FRMFALL	EDMENT	FRMFALL	Did you Fall in the Past 12	-	Missing								47	7 47	48	48	48	48	48	50	48	48	48	48	48	48	48	48
1	FRMFALL	FRMFALL	FRMFALL	FRMFALL	FRMFALL	Did you Fall in the Past 12 Months Question	2	Yes No																							
<u> </u>	FRMBAL	FRMBAL	FRMBAL	FRMBAL	FRMBAL	Problem with Balance or	1	Missing Yes	\vdash							48	8 48	49	49	49	49	49	51	49	49	49	49	49	49	49	49
1	. INNIDAL	. INHIDAL	NINDAL	AMDAL	NINDAL	Walking in Past 12 Months		No																							
		1				Question	-	Missing								49	9 49	50	50	50	50	50	52	50	50	50	50	50	50	50	50

			L									HOS	1.0	ı					HOS 2.0				НС	S 2.5			HOS 3.0				\Box
SAS Varname	SAS Varname	SAS Varname	SAS Varname	SAS Varname	SAS Varname		Code		1998	1999	2000	2001	2002	2003 2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
(HOS 1.0)	(HOS 2.0)	(HOS 2.0) 2012	(HOS 2.5) 2013	(HOS 2.5) 2014	(HOS 3.0) 2015		Code	Description	1998	1999				2003 2004 Bas 6/ Bas 7/			Bas 10/	Bas 11/	Bas 12/	Bas 13/	Bas 14/	Bas 15/	Bas 16/	Bas 17/	Bas 18/	Bas 19/	Bas 20/	Bas 21/	Bas 22/		
	FRMPREV	FRMPREV	FRMPREV	FRMPREV	FRMPREV	Has Doctor Suggested	1	Yes	Bas 1	Bas 2				FU 4 FU 5				FU 9	FU 10	FU 11	FU 12	FU 13	FU 14	FU 15	FU 16	FU 17	FU 18	FU 19	FU 20	FU 21	FU 22
	PRWPREV	rampaev	PRIMPREV	PRMPREV	FRMFREV	Cane/Walker, Physical Therapy, Vision or Hearing Testing or Checked Blood Pressure Lying or Standing	3	Tes No I had no visits in the past 12 months Missing								50	50	51	51	51	51	51	53	51	51	51	51	51	51	51	51
						In the 2018 cohort 21 baseline, the question was revised to remove the statement "Check your blood pressure lying or standing."	i																								
	OTOTEST	OTOTEST	OTOTEST	OTOTEST	OTOTEST	Ever Had a Bone Density	1	Yes																							П
						Test Question		No Missing								51	51	52	52	52	52	52	54	52	52	52	52	52	52	52	
						Removed starting from 2021 cohort 22 follow up	,																								ı
	WEIGHT	not collected				Weight Question	01 02 03	Missing 90 lbs. or less 91-100 lbs. 101-110 lbs																							
							24 25	311-320 lbs. 321 lbs. or more								52	52	53	53	53	53										1
	HEIGHT					W.110		II.								52	52	33	55	55	33										
	HEIGHT	not collected				Height Question	01 02 03 15	Missing 5 ft. 00 in. or less 5 ft. 07 in. 5 ft. 02 in. 6 ft. 02 in.																							
							16	6 ft. 03 in. or more								53	53	54	54	54	54						<u> </u>		<u> </u>	<u> </u>	\vdash
Recode to SV_RAC as in HOS 1.0	RCNATAM	RCNATAM	RCNATAM	RCNATAM	RCNATAM	American Indian or Alaskan Native	0 1 .	Did not check American Indian or Alaskan Native Checked American Indian or Alaskan Native Missing																							
	RCASIAN	DCACIAN	ant nellants			Asian		Did not check Asian								57a	57a	58a	58a	58a	58a	58a	60(03)	57(03)	59(03)	59(03)	59(03)	59(03)	59(03)	59(03)	58(03)
		RCASIAN	not collected				1	Checked Asian Missing								57b	57b	58b	58b	58b	58b	58b									
	RCAFRAM	RCAFRAM	RCAFRAM	RCAFRAM	RCAFRAM	Black or African American	0 1 .	Did not check Black or African American Checked Black or African American Missing								57c	57c	58c	58c	58c	58c	58c	60(02)	57(02)	59(02)	59(02)	59(02)	59(02)	59(02)	59(02)	58(02)
	RCNHPI	RCNHPI	not collected			Native Hawaiian or other Pacific Islander	1	Did not check Native Hawaiian or other Pacific Islander Checked Native Hawaiian or other Pacific Islander Missing																							
	RCWHITE	RCWHITE	RCWHITE	RCWHITE	RCWHITE	White	0	Did not check White								57d	57d	58d	58d	58d	58d	58d					-		-		
	RCOTHER					Another Race	1	Checked White Missing Did not check Another race								57e	57e	58e	58e	58e	58e	58e	60(01)	57(01)	59(01)	59(01)	59(01)	59(01)	59(01)	59(01)	58(01)
	(not collected on the 2011					Allouiei Nace	1	Checked Another race Missing																							
The following	survey) ng MHOS que	stions were	first asked or	the 2008 Surv	ey											57f	57f	58f	58f	58f							<u> </u>		<u> </u>		
	DEPWEEK	DEPWEEK				How much of the time in the past week did you feel depressed?	1 2 3 4	Less than one day One or two days Three or four days More than four days																							
						Q39 was asked differently	on the 20	Missing		<u> </u>								39	39	39							_		-	-	
							1 2 3 4	Rarely or none of the time Some or a little of the time Occasionally or a moderate amt. of the time Most or all of the time																							
The following	a MHOS que	estions were	first asked on	the 2012 Surv	av.		-	Missing													39	39									
		WEIGHTLB	WEIGHTLB	WEIGHTLB	WEIGHTLB	How much do you weigh in pounds(lbs.) question, recode to WEIGHT as in HOS 2.0																53	55	53	55	55	55	55	55	55	54
		HEIGHTFT	HEIGHTFT	HEIGHTFT	HEIGHTFT	How tall are you without shoes on in feet(ft.) and inches (in.) question, recode																									
		HEIGHTIN	HEIGHTIN	HEIGHTIN	HEIGHTIN	to HEIGHT as in HOS 2.0																54a	56a	54a	56a	56a	56a	56a	56a	56a	55a
The following	ng MHOS que	estions were	first asked or	the 2013 Surv		1	_	1														54b	56b	54b	56b	56b	56b	56b	56b	56b	55b
			DIFMEALS	DIFMEALS	DIFMEALS	Difficulty preparing meals	2	No, I do not have difficulty Yes, I have difficulty I don't do this activity															11a	11a	11a	11a	11a	11a	11a	11a	11a
			DIFMONEY	DIFMONEY	DIFMONEY	Difficulty managing money	1 2 3	No, I do not have difficulty Yes, I have difficulty I don't do this activity															110	110	7.00						
			DIFMEDS	DIFMEDS	DIFMEDS	Difficulty taking medications as prescribed	1 2 3	No, I do not have difficulty Yes, I have difficulty I don't do this activity															11b	11b	11b	11b	11b	11b	11b	11b	11b
			DIFSEE	DIFSEE	DIFSEE	Blind or have serious		Missing															11c	11c	11c	11c	11c	11c	11c	11c	11c
						difficulty seeing, even when wearing glasses question	2	Yes No															15		15		15	,,	45	4.5	15
	1	1	1	l	1	1	1		1				\sqcup									L	15	15	15	15	15	15	15	15	15

												HOS	1.0							HOS 2.0				НО	S 2.5			HOS 3.0			=	=
SAS Varname	SAS Varname	SAS Varname	SAS Varname	SAS Varname	SAS Varname		Code	Description	1998	1999	2000	2004	2002	2003	2004	005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
(HOS 1.0)	(HOS 2.0)	(HOS 2.0) 2012	(HOS 2.5) 2013	(HOS 2.5) 2014	(HOS 3.0) 2015		Code	Description			Bas 3/	Bas 4/	Bas 5/	Bas 6/	Bas 7/ Ba	ıs 8/ E	Bas 9/ B	as 10/	Bas 11/	Bas 12/	Bas 13/	Bas 14/	Bas 15/	Bas 16/	Bas 17/	Bas 18/	Bas 19/	Bas 20/	Bas 21/	Bas 22/		
			DIFHEAR			Deaf or have serious		Missing	Bas 1	Bas 2	FU 1	FU 2	FU 3	FU 4	FU 5 FU	U 6	FU 7	FU 8	FU 9	FU 10	FU 11	FU 12	FU 13	FU 14	FU 15	FU 16	FU 17	FU 18	FU 19	FU 20	FU 21	FU 22
						difficulty hearing question	2	Yes No																16						.		
				DIFHEAR	DIFHEAR	Deaf or have serious difficulty hearing even with a		Missing Yes																10								
						hearing aid question	2	No																						.		
			DIEDEMEM	DIFREMEM	DIFREMEM	Sorious difficulty	1	Yes																	16	16	16	16	16	16	16	16
			DIFREMEN	DIFREMEM	DIFREMEN	Serious difficulty concentrating, remembering or making decisions question	2	No No																						.		
			DIEWKSTD	not collected			1	Vec																17	17	17	17	17	17	17	17	17
			DIFWKSTK	not collected		Serious difficulty walking or climbing stairs	2	Yes No																						.		
			DIFDRBTH	not collected		Difficulty dressing or bathing	1	Yes																18						\longrightarrow		
			DIFDRETH	not conected		Difficulty dressing or basining	2	No																						.		
			DIEEDDND	DIFERRND	DIFERRND	Because of a physical,	1	Yes																19						\longrightarrow	_	
			DII EIGIGED	DII EIGGID	Dii ERRAD	mental, or emotional condition, difficulty doing	2	No																						.		
						errands alone such as visiting a doctor's office or																								.		
			DIEMBROR	DIFMPROB	DIFMPROB	shopping question In the past month, how often	1	Eveny day /7 days a week)																20	18	18	18	18	18	18	18	18
1			DIFWIPROB	DINIPROB	DICINIFICOB	did memory problems interfere with your daily	2	Every day (7 days a week) Most days (5-6 days a week) Some days (2-4 days a week)																						,		
						activities question	4	Rarely (Once a week or less) Never																21	19	19	19	19	19	19	19	19
			CCDEP	CCDEP	CCDEP	Doctor ever told you that you have depression question	1 2	Yes No								1								21	15	10	19	15	10	19	19	-18
						nave depression question	ľ	No.																35	33	33	33	33	33	33	33	33
			CAOTHER	CAOTHER	CAOTHER	Other cancer (other than skin cancer)	1 1	Yes No																33	33	33	33	33	33	35	33	-55
						cancer)	ľ	NO																37e	35e	35e	35e	35e	35e	35e	35e	35e
			PAINDACT	PAINDACT	PAINDACT	In the past 7 days, how much	1 1	Not at all																3/6	336	336	336	336	336	336	336	226
						did pain interfere with your day to day activities question	3	A little bit Somewhat Quite a bit																						.		
							5	Very much																38	36	36	36	36	36	36	36	36
			PAINSACT	PAINSACT	PAINSACT	In the past 7 days, how often did pain keep you from	1 2	Never Rarely																								
						socializing with others question	3 4	Sometimes Often																						.		
			PAINRATE	PAINRATE	PAINRATE	In the past 7 days, how	5 1-10	Always																39	37	37	37	37	37	37	37	37
						would you rate your pain on average question																		40	38	38	38	38	38	38	38	
					PAINRATED	In the 2021 Cohort 22 Follow up, PAINRATE (Q38)	0-10																									
						was revised to add the (0) response to the pain scale.																								.		
						The scale responses range from 0 - 10 and zero now																								.		
			DEDNODLE	DEPNOPLS	DEDNORI S	"No pain." Little interest or pleasure in	4	National II								4																38
			DEPNOPLS	DEPNOPES	DEPNOPES	doing things Question	2	Not at all Several days More than half the days																						.		
							4	Nearly every day																41a	39a	39a	39a	39a	39a	39a	39a	39a
			DEPDOWN	DEPDOWN	DEPDOWN	Feeling down, depressed or hopeless Question	2	Not at all Several days																						.		
							4	More than half the days Nearly every day																41b	39b	39b	39b	39b	39b	39b	39b	39b
			SPEAKENG	SPEAKENG		How well do you speak English question	1 2	Very well Well																-10	500	380	300	590	530	555	555	300
						9 <u>7</u> 1011	3	Not well Not at all																61	58					,		
			LVALONE	LVALONE	LVALONE	Live alone		Missing Respondent did not check live alone																	1							
			LVSPOUSE	LVSPOUSE	LVSPOUSE	Live with spouse/significant	1	Respondent checked live alone Missing					\vdash			4								64(1)	61a	63a	63a	63a	63a	63a	63a	62a
						other	0	Respondent did not check live with spouse/significant other Respondent checked live with spouse/significant other																64(2)	61b	63b	63b	63b	63b	63b	63b	62b
			LVCHILD	LVCHILD	LVCHILD	Live with children/other relatives		Missing Respondent did not check live with children/other relatives																- 1(2)	1	300	300	200	-50			
			I VNONREI	LVNONREL	LVNONREL	Live with non-relatives	1	Respondent checked live with children/other relatives Missing	1				\vdash			\dashv								64(3)	61c	63c	63c	63c	63c	63c	63c	62c
			_ THOMALL	_ // // // // /			0	Respondent did not check live with non-relatives Respondent checked live with non-relatives																64(4)	61d	63d	63d	63d	63rl	63d	63rl	62d
			LVCAREGV	LVCAREGV	LVCAREGV	Live with paid caregiver		Missing Respondent did not check live with paid caregiver																04(4)			000	000	000	- 555	300	
			WHERELV			Where do you live question	1	Respondent checked live with paid caregiver Independent house, apartment, condominium or mobile home	-				$\vdash \vdash$			4	_							64(5)	61e	63e	63e	63e	63e	63e	63e	62e
						oro do you live question	2	Assisted living apartment or board and care home Nursing home																						,		
							4	Other																65								
				WHERELV	WHERELV	Where do you live question	2	House, apartment, condominium or mobile home Assisted living or board and care home																						,		
							4	Nursing home Other																	62	64	64	64	64	64	64	63
			CAREOTHR	not collected		Do you currently provide care for someone else in	1 2	Yes No																								丁
						your home question	3			1														67						,		
																_	-															_

		1		1	1				т —			HOS	1.0				_			HOS 2.0				HOS	525	T .		HOS 3.0				\neg
SAS	SAS	SAS	SAS	SAS	SAS															1100 2.0				1100	2.0			1100 0.0				
Varname (HOS 1.0)	Varname (HOS 2.0)	(HOS 2.0)	Varname (HOS 2.5)	Varname (HOS 2.5)	Varname (HOS 3.0)		Code	Description	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021
(1100 1.0)	(1100 2.0)	2012	2013	2014	2015				1									Bas 10/	Bas 11/				Bas 15/		Bas 17/			Bas 20/				
									Bas 1	Bas 2	FU 1	FU 2	FU 3	FU 4	FU 5	FU 6	FU 7	FU 8	FU 9	FU 10	FU 11	FU 12	FU 13	FU 14	FU 15	FU 16	FU 17	FU 18	FU 19	FU 20	FU 21	FU 22
			CAREDAYS	not collected		During the past week, how many days did you provide	1 2	No care provided in the last week 1 or 2 days																								
						at least some care question	3	3 or 4 days																								
							5	5 or 6 days 7 days (every day)																68								
			DIFTRANS	not collected		Do you have difficulty getting	1	Always or almost always																								
						to places you need to go (either by driving or by	2	Sometimes Almost never or never																								
						getting a ride question	,	Alliust flevel of flevel																69								
			HPNOHISP	HPNOHISP	HPNOHISP	Not of Hispanic, Latino/a or	0	No, not Hispanic not checked No, not Hispanic checked																								
						Spanish origin		Missing																59(1)	56(1)	58(1)	58(1)	58(1)	58(1)	58(1)	58(1)	57(1)
			HPMEX	HPMEX	HPMEX	Mexican, Mexican American, Chicano/a	0	Respondent did not check Mexican Respondent checked Mexican																								
						Cricariora		Missing																59(2)	56(2)	58(2)	58(2)	58(2)	58(2)	58(2)	58(2)	57(2)
			HPPR	HPPR	HPPR	Puerto Rican	0	Respondent did not check Puerto Rican Respondent checked Puerto Rican																								
								Missing																59(3)	56(3)	58(3)	58(3)	58(3)	58(3)	58(3)	58(3)	57(3)
			HPCUBA	HPCUBA	HPCUBA	Cuban	0	Respondent did not check Cuban Respondent checked Cuban																								
								Missing																59(4)	56(4)	58(4)	58(4)	58(4)	58(4)	58(4)	58(4)	57(4)
			HPOTHER	HPOTHER	HPOTHER	Another Hispanic, Latino/a or Spanish origin	0	Respondent did not check Other Hispanic Respondent checked Other Hispanic																								
						Spanian origin		Missing																59(5)	56(5)	58(5)	58(5)	58(5)	58(5)	58(5)	58(5)	57(5)
			RCINDIA	RCINDIA	RCINDIA	Asian Indian	0	Did not check Asian Indian Checked Asian Indian																								
								Missing																60(04)	57(04)	59(04)	59(04)	59(04)	59(04)	59(04)	59(04)	58(04)
			RCCHINA	RCCHINA	RCCHINA	Chinese	0	Did not check Chinese Checked Chinese																								
								Missing																60(05)	57(05)	59(05)	59(05)	59(05)	59(05)	59(05)	59(05)	58(05)
			RCFILIP	RCFILIP	RCFILIP	Filipino	0	Did not check Filipino Checked Filipino																								
								Missing																60(06)	57(06)	59(06)	59(06)	59(06)	59(06)	59(06)	59(06)	58(06)
			RCJAPAN	RCJAPAN	RCJAPAN	Japanese	0	Did not check Japanese																								
								Checked Japanese Missing																60(07)	57(07)	59(07)	59(07)	59(07)	59(07)	59(07)	59(07)	58(07)
			RCKOREA	RCKOREA	RCKOREA	Korean	0	Did not check Korean Checked Korean																								
								Missing																60(08)	57(08)	59(08)	59(08)	59(08)	59(08)	59(08)	59(08)	58(08)
			RCVIET	RCVIET	RCVIET	Vietnamese	0	Did not check Vietnamese Checked Vietnamese																								
								Missing																60(09)	57(09)	59(09)	59(09)	59(09)	59(09)	59(09)	59(09)	58(09)
			RCOTHAS	RCOTHASN	RCOTHASN	Other Asian	0	Did not check Other Asian																								
			N					Checked Other Asian Missing																60(10)	57(10)	59(10)	59(10)	59(10)	59(10)	59(10)	59(10)	58(10)
			RCHAWAII	RCHAWAII	RCHAWAII	Native Hawaiian	0	Did not check Native Hawaiian																								
							1	Checked Native Hawaiian Missing																60(11)	57(11)	59(11)	59(11)	59(11)	59(11)	59(11)	59(11)	58(11)
			RCGUAM	RCGUAM	RCGUAM	Guamanian or Chamorro	0	Did not check Guamanian or Chamorro																								
							1	Checked Guamanian or Chamorro Missing																60(12)	57(12)	59(12)	59(12)	59(12)	59(12)	59(12)	59(12)	58(12)
			RCSAMOA	RCSAMOA	RCSAMOA	Samoan	0	Did not check Samoan																								
							1	Checked Samoan Missing																60(13)	57(13)	59(13)	59(13)	59(13)	59(13)	59(13)	59(13)	58(13)
			RCOTHPA	RCOTHPAC	RCOTHPAC	Other Pacific Islander	0	Did not check Other Pacific Islander																								
			C					Checked Other Pacific Islander Missing																60(14)	57(14)	59(14)	59(14)	59(14)	59(14)	59(14)	59(14)	58(14)
The following	ng MHOS que	stions were f	first asked on	the 2015 Surve	y	In		I a constant and a co																	L '				L í			\exists
					MUIDACT	How Much did Leaking of Urine Make Change Daily	2	A lot Somewhat																								
						Activities or Interfere with Sleep Question	3	Not at all													1											
			-		SLEEPHRS	Average Hours of Sleep per	1	Less than 5 hours	+	-			$\vdash \vdash$		\vdash		\vdash				ļ					43	43	43	43	43	43	43
					OLLLITHRO	Night in Past Month	2	5-6 hours													1											
						Question	3	7-8 hours 9 or more hours																								
							-																			53	53	53	53	53	53	52
					SLEEPQUA	Overall Sleep Quality Rating in Past Month Question	1	Very good Fairly good					ΙŢ		ΙŢ		ΙŢ															
						dos montes Question	3	Fairly bad													1											
							4	Very bad																		54	54	54	54	54	54	53
					SPEAKLNG	Language Mainly Spoken at	1	English		1																						
						Home Question	2	Spanish Chinese													1											
							4	Some other language(please specify)																		60	60	60	60	60		
						Starting from Cohort 21	1	English																								
						follow up, added 4 (Russian) and 7 (some other language,	3	Spanish Chinese													1											1
						formerly 4)	4	Russian Some other language (please specify)													1										60	59
					SPEAKOTH		Char	Some ourer ranguage (please specify)	 																	60		60	-00	60	60	59
						Spoken															1					(please	60 (please specify)	60 (please	60 (please specify)	60 (please	(please	(please
			1	1	1				1	l		l													L	specify)	specify)	specify)	specify)	specify)	specify)	specify)