

Master list of themes collected in Alberta's Tomorrow Project's main surveys

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	HLQ	CDHQ	PYTPAQ	S04	S08	UHLQ	PANS	CORE	S17	COVID-19	S23	
Years in Use	2	2000-20	008	2004	2008	2009	9-11	2011-15	2017/18	2020	2023	NOTES
DEMOGRAPHICS												
Age	✓			✓	✓	✓		✓	✓	✓	✓	
Sex	✓			✓	✓	✓		✓	✓	✓	✓	
Gender										✓	✓	
Marital status	✓			✓	✓	✓		✓	✓		✓	
Education level	✓				✓	>		✓				
Household composition										✓	✓	
Dwelling type										✓	✓	
Annual household income	✓				✓	✓		√	✓	√ *	√ *	*COVID-19 & S23 - also asked about income changes due to pandemic
Current employment status	√			√	√	√		√	√	√ *	✓	*COVID-19 - also asked about emplyment status changes due to pandemic
Occupational history					✓	✓		✓			√*	*See 'Occupational History' section
Shift work					✓							
Languages spoken						✓		✓				
Ethnicity	✓			✓				✓			✓	
Country of birth (participant, parents and grandparents)					✓	√*		✓				*UHLQ - only participant and parents
FAMILY STRUCTURE												
# of siblings	√*					>		✓				*HLQ - only those who reached adulthood (age 21)
# of children	√*					✓		✓				*HLQ - only those who reached adulthood (age 21)
Multi birth info (are they a twin/triplet etc.)						✓		✓				
Age of living parents	✓										✓	
Age of parents at death	✓										✓	
Adopted						✓		✓				
CANCER AND CHRONIC DISEASE												
PERSONAL CANCER DIAGNOSIS												
Туре	✓			√*	<	✓		~	√	√ **	√	*S04 - asked about diagnosis after joining study **COVID-19 - also asked about currently undergoing treatment
Age at diagnosis				√ *	✓	✓		✓	✓		√	*S04 - asked about diagnosis after joining study
Treatment received						✓		✓	✓	✓	√	
Type of treatment						✓		✓	✓		✓	

	HLQ	CDHQ	PYTPAQ	S04	S08	UHLQ	PANS	CORE	S17	COVID-19	S23	
Years in Use		2000-20	-	2004	2008	2009	-11		2017/18	2020	2023	NOTES
PERSONAL HEALTH HISTORY												
Acid reflux					✓				√		√ *	*S23 - also asked about currently undergoing treatment
Acute renal failure									√	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment
Addiction disorder									√	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing
Alzheimer's disease									√		√ *	treatment *523 - also asked about currently undergoing treatment
Angina	✓			√ *	√				√	√ **	√ **	*S04 - asked about diagnosis after joining study **COVID-19 & S23 - also asked about currently undergoing treatment
Anxiety disorder									√	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment
Arthritis				√ *	√ *	√		√	✓	√	√ **	*S04 & S08 - did not ask about type of Arthritis **S23 - also asked about currently undergoing treatment
Arrhythmia											√ *	*Including currently undergoing treatment
Asthma					✓	√		√	✓	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment
Atherosclerosis/ Coronary heart disease									√	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment
Atrial Fibrilation									√	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment
Bipolar disorder									√	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment
Cataracts									√		√ *	*S23 - also asked about currently undergoing treatment
Celiac Disease										√ *	√ *	*Including currently undergoing treatment
Cholecystitis									√		√ *	*S23 - also asked about currently undergoing treatment
Chronic bronchitis	V			√ *	√	√			✓	√ **	√ **	*S04 - asked about diagnosis after joining study **COVID-19 & S23 - also asked about currently undergoing treatment
Chronic fatigue syndrome									√		√ *	*S23 - also asked about currently undergoing treatment
Chronic obstructive pulmonary disease (COPD)								✓	√	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment
Chronic renal failure									√	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment
Cirrhosis of the liver	*			√ *	√	~		√	√	√ **	√ **	*S04 - asked about diagnosis after joining study **COVID-19 & S23 - also asked about currently undergoing treatment
COVID-19										√ *	✓	*COVID-19 - also asked about many different areas - please see additional COVID-specific tab for survey content
Crohn's disease	✓			√ *	√	√		√	√	√ **	√ **	*S04 - asked about diagnosis after joining study **COVID-19 & S23 - also asked about currently undergoing treatment

DHQ PYTPAC 00-2008	Q S04 2004 	√*/** ✓*/**	✓ ✓ ✓ ✓ ✓		CORE 2011-15 ✓* ✓	\$17 2017/18	COVID-19 2020	\$23 2023	*Including currently undergoing treatment *CORE - worded as "Major Depression" **\$17, COVID-19 & \$23 - distinguished between Major and Minor Depression ***COVID-19 & \$23 - also asked about currently undergoing treatment *HLQ, \$04 & \$08 - asked about diabetes but did not distinguish between Type 1 vs. Type 2 vs. gestational **\$04, \$08 & \$23 - excluded gestational (pregnancy-related) diabetes ***COVID-19 & \$23 - also asked about currently undergoing treatment *Including currently undergoing treatment *Including currently undergoing treatment *Including currently undergoing treatment *COVID-19 & \$23 - also asked about currently undergoing treatment *COVID-19 & \$23 - also asked about currently undergoing treatment *COVID-19 & \$23 - also asked about currently undergoing treatment *COVID-19 & \$23 - also asked about currently undergoing treatment
	√*/**	*/**	✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓ ✓		✓* ✓	V**	\(\start \) \(\s	\(* \	*Including currently undergoing treatment *CORE - worded as "Major Depression" **\$17, COVID-19 & \$23 - distinguished between Major and Minor Depression ***COVID-19 & \$23 - also asked about currently undergoing treatment *HLQ, \$04 & \$08 - asked about diabetes but did not distinguish between Type 1 vs. Type 2 vs. gestational **\$04, \$08 & \$23 - excluded gestational (pregnancy-related) diabetes ***COVID-19 & \$23 - also asked about currently undergoing treatment *Including currently undergoing treatment *Including currently undergoing treatment *COVID-19 & \$23 - also asked about currently undergoing treatment *COVID-19 & \$23 - also asked about currently undergoing treatment *COVID-19 & \$23 - also asked about currently undergoing treatment *COVID-19 & \$23 - also asked about currently undergoing treatment *COVID-19 & \$23 - also asked about currently undergoing treatment
	√*/**		✓ ×		✓	<i>*</i>	✓*** ✓* ✓*	*/*** \[\sqrt{*} \]	*CORE - worded as "Major Depression" **S17, COVID-19 & S23 - distinguished between Major and Minor Depression ***COVID-19 & S23 - also asked about currently undergoing treatment *HLQ, S04 & S08 - asked about diabetes but did not distinguish between Type 1 vs. Type 2 vs. gestational **S04, S08 & S23 - excluded gestational (pregnancy-related) diabetes ***COVID-19 & S23 - also asked about currently undergoing treatment *Including currently undergoing treatment *Including currently undergoing treatment *Including currently undergoing treatment *COVID-19 & S23 - also asked about currently undergoing treatment *COVID-19 & S23 - also asked about currently undergoing treatment *COVID-19 & S23 - also asked about currently undergoing treatment *COVID-19 & S23 - also asked about currently undergoing treatment
			✓ ×			· · · · · · · · · · · · · · · · · · ·		* \state * \state * \state * \state * \state *	*HLQ, S04 & S08 - asked about diabetes but did not distinguish between Type 1 vs. Type 2 vs. gestational **S04, S08 & S23 - excluded gestational (pregnancy-related) diabetes ***COVID-19 & S23 - also asked about currently undergoing treatment *Including currently undergoing treatment *Including currently undergoing treatment *Including currently undergoing treatment *COVID-19 & S23 - also asked about currently undergoing treatment *COVID-19 & S23 - also asked about currently undergoing treatment *COVID-19 & S23 - also asked about currently undergoing treatment *COVID-19 & S23 - also asked about currently undergoing treatment
	*	✓			✓	√	√ *	√* √* √*	*Including currently undergoing treatment *Including currently undergoing treatment *COVID-19 & S23 - also asked about currently undergoing treatment *COVID-19 & S23 - also asked about currently undergoing treatment *COVID-19 & S23 - also asked about currently undergoing treatment
	✓	√			~	√	√ *	√*	*Including currently undergoing treatment *COVID-19 & S23 - also asked about currently undergoing treatment *COVID-19 & S23 - also asked about currently undergoing treatment *COVID-19 & S23 - also asked about currently undergoing treatment
	✓	√			*	√	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment *COVID-19 & S23 - also asked about currently undergoing treatment *COVID-19 & S23 - also asked about currently undergoing treatment
	V	√			✓	√	√ *	√ *	treatment *COVID-19 & S23 - also asked about currently undergoing treatment *COVID-19 & S23 - also asked about currently undergoing treatment
	✓	✓			√				treatment *COVID-19 & S23 - also asked about currently undergoing treatment
	✓ ————————————————————————————————————	√	√			√	√ *	√*	treatment
									*C22 also asked about surrouth darasing treature
						√		√ *	*S23 - also asked about currently undergoing treatment
						√	√ *	√*	*COVID-19 & S23 - also asked about currently undergoing treatment
						√	√ *	√*	*COVID-19 & S23 - also asked about currently undergoing treatment
						√		√ *	*S23 - also asked about currently undergoing treatment
						~		√ *	*S23 - also asked about currently undergoing treatment
						√		√*	*S23 - also asked about currently undergoing treatment
							√*	√*	*Including currently undergoing treatment
						√		√ *	*S23 - also asked about currently undergoing treatment
	√	✓	✓		✓	√	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment
						√	√ *	√*	*COVID-19 & S23 - also asked about currently undergoing treatment
	1							√ *	*Including currently undergoing treatment
	1	✓						√ *	*Including currently undergoing treatment
	√ *	√ *	√ **		√ **	√ **	√**/***	√*/***	*HLQ, S04, S08, S23 - did not distinguish between Hepatitis A, B or C **UHLQ, CORE, S17 and COVID-19 - worded as 'chronic hepatitis'
				*	V			\(\sqrt{\sq}}}}}}}\sqrt{\sq}}}}}}}}\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}}	\frac{\sqrt{\sq}}\sqrt{\sq}}}}}}}}\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}}}\signt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}}\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sqrt{\sq}}}}}}\sqrt{\sqrt{\sq}\sq}}}}}}}\signt{\sqrt{\sqrt{\sq}}}}}}}\signtiles}}}}}}}}}}}}}}}}}}}}}}}}}

		CDHQ	PYTPAQ	S04	S08	UHLQ	PANS	CORE	S17	COVID-19	S23	
Years in Use		2000-20	008	2004	2008	2009	9-11	2011-15	2017/18	2020	2023	NOTES
High blood pressure	√			√ *	√	√		✓	V	√ **	√ **	*S04 - asked about diagnosis after joining study **COVID-19 & S23 - also asked about currently undergoing treatment
High blood sugar (not including gestational)				✓							√*	*S23 - also asked about currently undergoing treatment
High cholesterol	✓			√ *	√				✓		√ **	*S04 - asked about diagnosis after joining study **S23 - also asked about currently undergoing treatment
Human immunodeficiency virus (HIV)									√	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment
Human papillomavirus (HPV) infection/ genital warts									√		√*	*S23 - also asked about currently undergoing treatment
Interstitial lung disease										√ *	√ *	*Including currently undergoing treatment
Irritable bowel syndrome					✓	√		√	√	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment
Kidney stones									√		√ *	*S23 - also asked about currently undergoing treatment
Lupus						√		√	√	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment
Macular degeneration									√		√ *	*S23 - also asked about currently undergoing treatment
Migraines									√		√ *	*S23 - also asked about currently undergoing treatment
Multiple sclerosis						√		√	√	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment
Myopia											√*	*Including currently undergoing treatment
Obsessive compulsive disorder									✓	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment
Organ, bone marrow or stem cell transplant										√ *	✓	*Including currently undergoing treatment
Osteoporosis				✓	√	✓		✓	✓		√ *	*S23 - also asked about currently undergoing treatment
Osteopenia											√*	*Including currently undergoing treatment
Pancreatitis									√		√ *	*S23 - also asked about currently undergoing treatment
Parkinson's Disease									✓		√ *	*S23 - also asked about currently undergoing treatment
Polyps in colon/rectum	√			√ *	√			√**	√**			*SO4 - asked about diagnosis after joining the study **CORE & S17 asked if any polyps removed
Post-traumatic stress disorder									√	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment
Psoriasis						√		√	√	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment
Pyelonephritis									√		√ *	*S23 - also asked about currently undergoing treatment
Rosacea											√ *	*Including currently undergoing treatment
Schizophrenia or schizoaffective disorder									√	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment
Scleroderma										√ *	√*	*Including currently undergoing treatment
Serous retinal detachment											√*	*Including currently undergoing treatment

	HLQ	CDHQ	PYTPAQ	S04	S08	UHLQ	PANS	CORE	S17	COVID-19	S23	
Years in Use	2	2000-20	80	2004	2008	2009	-11	2011-15	2017/18	2020	2023	NOTES
Sleep apnea									√	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment
Stomach ulcers									√		√ *	*S23 - also asked about currently undergoing treatment
Stroke	√			√*	√	√		√	√**	√ **		*S04 - asked about diagnosis after joining the study **S17 and COVID-19 - distinguished thrombotic and hemorrhagic stroke
Thyroid problems (hyper/hypothyroidism)				√ *	√	√			~		√ **	*S04 - hypo vs. hyper not specifically asked **S23 - also asked about currently undergoing treatment
Tinnitus									√		√ *	*S23 - also asked about currently undergoing treatment
Ulcerative colitis	√			√*	√	√		√	√	/**	√ **	*S04 - asked about diagnosis after joining study **COVID-19 & S23 - also asked about currently undergoing treatment
Valvular heart disease									√	√ *	√ *	*COVID-19 & S23 - also asked about currently undergoing treatment
Weakened or compromised immune system										√ *	√*	*Including currently undergoing treatment
Weak or failing kidney									√		√ *	*S23 - also asked about currently undergoing treatment
Other long term conditions (open text field)	√					✓		√	√	√	√ *	*S23 - also asked about currently undergoing treatment

·	HLQ	CDHQ	PYTPAQ	S04	S08	UHLQ	PANS	CORE	S17	COVID-19	S23	
Years in Use		2000-20			2008	2009	-11	2011-15	2017/18	2020	2023	NOTES
FAMILY CANCER DIAGNOSIS (parents, siblings & children only)												
Bladder									✓		✓	
Bone											✓	
Brain									✓		✓	
Breast	√*							√ **	✓		✓	*HLQ - included age at diagnosis
												**CORE - included half-siblings
Cervix									✓		✓	
Colon	✓*							√ **	✓		✓	*HLQ - included age at diagnosis
												**CORE - included half-siblings
Esophagus									✓		✓	
Kidney									✓		✓	
Larynx									✓		✓	
Leukemia									✓		✓	
Liver									✓		✓	
Lung and bronchus									✓		\	
Lymphoma (Hodgkin)									✓		✓	
Lymphoma (non-Hodgkin)									✓		✓	
Mouth, tongue, and throat									✓		✓	
Multiple myeloma									✓		✓	
Ovary	√*							√ **	✓		✓	*HLQ - included age at diagnosis
												**CORE - included half-siblings
Pancreas									✓		✓	
Prostate	√*							√ **	✓		✓	*HLQ - included age at diagnosis
												**CORE - included half-siblings
Rectal	√ *							√ **	✓		✓	*HLQ - included age at diagnosis
												**CORE - included half-siblings
Skin (melanoma)									✓		✓	
Skin (non-melanoma)									✓		✓	
Small intestine									✓		✓	
Stomach									✓		✓	
Testicle									✓		✓	
Thyroid									✓		✓	
Uterus									✓		✓	
Other (open text field)	√ *				√*	√ */**		√ **	✓		✓	*HLQ, S08 and UHLQ - included age at diagnosis
												**UHLQ and CORE - included half-siblings

		CDHQ	PYTPAQ	S04	S08	UHLQ	PANS	CORE	S17	COVID-19	S23	
Years in Use	;	2000-20	008	2004	2008	2009	9-11	2011-15	2017/18	2020	2023	NOTES
FAMILY HEALTH HISTORY (parents, siblings & children)												
Alzheimer's disease											✓	Including number of siblings and children diagnosed
Anxiety disorder											✓	Including number of siblings and children diagnosed
Atrial Fibrilation											✓	Including number of siblings and children diagnosed
Arthritis								✓	√ *		√ *	*S17 & S23 -also asked number of siblings and children
												diagnosed
Asthma								✓	√ *		√*	*S17 & S23 -also asked number of siblings and children
												diagnosed
Bipolar disorder											✓	Including number of siblings and children diagnosed
Celiac Disease											✓	Including number of siblings and children diagnosed
Chronic kidney disease											✓	Including number of siblings and children diagnosed
Chronic obstructive pulmonary disease (COPD)						√		√	√ *		√ *	*S17 & S23 -also asked number of siblings and children
and the desire particularly disease (eet 2)												diagnosed
Crohn's disease								√	√ *		√ *	*S17 & S23 -also asked number of siblings and children
or or many disease												diagnosed
Dementia											√	Including number of siblings and children diagnosed
Diabetes	√*/**					√* *		√* *	√** *		√** *	*HLQ - included age at diagnosis
Diabetes .	'											**HLQ, UHLQ & CORE - did not distinguish between Type 1
												vs. Type 2 vs. gestational
												***S17 & S23 - also asked number of siblings & children
												diagnosed
Eczema								_	√ *		√ *	*S17 & S23 -also asked number of siblings and children
ECZEIIId								•	•		•	diagnosed
Eniloney or coizuros											√	Including number of siblings and children diagnosed
Epilepsy or seizures Fibromyalgia											· /	Including number of siblings and children diagnosed
Glaucoma											<u> </u>	· · · · · · · · · · · · · · · · · · ·
	√ *	-				✓		✓	√* *			Including number of siblings and children diagnosed *HLQ - included age at diagnosis
Heart attack	,					•		•	•		•	**S17 & S23 - also asked number of siblings and children
												diagnosed
Heart failure												<u> </u>
Heart failure Hepatitis (worded as "chronic hepatitis" to exclude Hepatitis A)								✓	√ *			Including number of siblings and children diagnosed *S17 & S23 -also asked number of siblings and children
Hepatitis (worded as chronic nepatitis to exclude Hepatitis A)								•	•		V	•
Disk bland wasses								✓	√ *		√ *	diagnosed
High blood pressure								•	• "		v	*S17 & S23 -also asked number of siblings and children
District of the second										1	√	diagnosed Including number of siblings and children diagnosed
High cholesterol											<u>√</u>	· · ·
Hyperthyroid											<u> </u>	Including number of siblings and children diagnosed
Hypothyroid								✓	√ *			Including number of siblings and children diagnosed
Irritable bowel syndrome								•	v ^		v ~	*S17 & S23 -also asked number of siblings and children
								✓	√ *		√ *	diagnosed
Liver cirrhosis								•	• "		v	*S17 & S23 -also asked number of siblings and children
		-						_	/4		/#	diagnosed
Lupus								_ *	√ *		√ *	*S17 & S23 -also asked number of siblings and children
Maior donoration								./	√ *		√ *	diagnosed
Major depression								✓	V *		√ ^	*S17 & S23 -also asked number of siblings and children
		ļ							(t)		Z.t.	diagnosed
Multiple sclerosis								✓	√ *		√*	*S17 & S23 -also asked number of siblings and children
												diagnosed
Osteoporosis								✓	√ *		√ *	*S17 & S23 -also asked number of siblings and children
												diagnosed

	HLQ	CDHQ	PYTPAQ	S04	S08	UHLQ	PANS	CORE	S17	COVID-19	S23	
Years in Use		2000-200	08	2004	2008	2009			2017/18	2020	2023	NOTES
Parkinson's Disease											✓	Including number of siblings and children diagnosed
Psoriasis								✓	√*		√*	*S17 & S23 -also asked number of siblings and children
												diagnosed
Stroke	√*					✓		✓	√**		√ **	*HLQ - included age at diagnosis
												**S17 & S23 - also asked number of siblings and children
												diagnosed
Ulcerative colitis								✓	√*		√*	*S17 & S23 -also asked number of siblings and children
												diagnosed
HEALTHCARE UTILIZATION												
CANCER SCREENING												
Digital rectal exam	✓			√ *								*S04 - asked about screening since joining the study
Fecal occult blood stool test (FOBT)	✓			√*	\	✓		✓	✓			*S04 - asked about screening since joining the study
Fecal immunochemical test (FIT)											√*	*S23 - asked about impact of COVID-19 on screening (since
												March 2020)
Sigmoidoscopy	✓			√ *	✓	√* *		✓	✓		√ ***	*S04 - asked about screening since joining the study
												UHLQ - asked sigmoidoscopy OR colonoscopy *S23
												asked about impact of COVID-19 on screening (since March
												2020)
Colonoscopy	✓			√ *	✓	√ **		✓	✓		√ ***	*SO4 - asked about screening since joining the study
												UHLQ - asked sigmoidoscopy OR colonoscopy *\$23
												asked about impact of COVID-19 on screening (since March
												2020)
Virtual colonoscopy				✓	✓							,
Polyp removed											✓	
PSA blood test	✓			√ *	✓	✓		✓	✓		✓	*S04 - asked about screening since joining the study
Pap test	✓			√ *	✓	✓		✓	✓		✓	<i>y</i> , <i>y</i> ,
HPV test											√ **	*S04 - asked about screening since joining the study **S23
												- asked about impact of COVID-19 on screening (since
												March 2020)
HPV vaccine											✓	
Mammogram	✓			√ *	✓	✓		✓	✓		√ **	*S04 - asked about screening since joining the study **S23
												- asked about impact of COVID-19 on screening (since
												March 2020)
Breast exam	✓											
HEALTH SERVICES												
Last medical checkup					✓	✓		✓	✓		✓	
Last dental checkup						✓		✓	✓		✓	
Family physician / primary care provider											✓	
Flu shot											✓	
Changes in health service access									✓			
MEDICATIONS												
Medication Use						✓		✓	✓	√*		*COVID-19 - categorized medications into categories (ACE-
												inhibitors, Angiotension II Receptor Blockers, Antibiotics,
												Antivirals, Allergy medications, Androgen deprivation
												therapy, Asthma medication,
												Immunosuppresives/immunomodulatory, and blood
												thinners); also asked how often it was taken (each day,
							l					within last few months but not every day, before Jan 2020
	l l											within last lew months but not every day, before Jan 2020

	HLQ	CDHQ	PYTPAQ	S04	S08	UHLQ	PANS	CORE	S17	COVID-19	S23	
Years in Use	7	2000-20	800	2004	2008	2009	-11	2011-15	2017/18	2020	2023	NOTES
Medication use behaviour				✓								
Non-prescription medications											✓	asked participants to list over the counter medications and
												frequency of intake
Immunosuppressive medication										✓	✓	

· ·	но	CDHO	PYTPAQ	S04	SOS	UHLQ	DANS	CORE	S17	COVID-19	S23	
Years in Use		2000-20		2004	2008	2009			2017/18	2020	2023	NOTES
PAIN MEDICATION USE		2000-20	100	2004	2008	2003	,-11	2011-13	2017/10	2020	2023	NOTES
Low-dose Aspirin (81 mg tablet)									✓	√ *	√**	*COVID-19 - did not distinguish between aspirin,
Low dose Aspirin (of this tublet)												parectamol or acetamophen
												**S23 - asked participants to list over the counter
												medications and frequency of intake
Regular or extra-strength Aspirin	1								√	√ *	√ **	*COVID-19 - did not distinguish between aspirin,
regular of extra strength Aspirin												parectamol or acetamophen
												**S23 - asked participants to list over the counter
												medications and frequency of intake
Ibuprofen									√	√ *	√ **	*COVID-19 - did not distinguish between aspirin,
ibaproferi										,	•	parectamol or acetamophen
												**\$23 - asked participants to list over the counter
												medications and frequency of intake
Acetaminophen	1								√	√ *	√ **	*COVID-19 - did not distinguish between aspirin,
Acetaminophen									•	,	•	parectamol or acetamophen
												**S23 - asked participants to list over the counter
												medications and frequency of intake
Naproxen									√	√ *	√ **	*COVID-19 - did not distinguish between aspirin,
Naproxeii									•	,	•	parectamol or acetamophen
												**S23 - asked participants to list over the counter
												medications and frequency of intake
Other NSAID	1								√		√ *	*S23 - asked participants to list over the counter
Other NSAID									•		•	medications and frequency of intake
GENERAL HEALTH												inedications and frequency of intake
QUALITY OF LIFE												
Quality of life (EQ-5D - mobility, self-care, usual activities, pain/discomfort,					✓					√ *	✓	*S08 used EQ-5D-3L, COVID-19 used EQ-5D-5L
anxiety/depression)												300 4364 24 35 32, 33 13 4364 24 35 32
Perception of risk for cancer				✓								
Perception of risk for diabetes				✓								
General health rating	√			√	✓	√		√	✓	✓	✓	
Spirituality	√											
Partner relationship/tension											✓	
Pets in the household										√		
MENTAL HEALTH												
Stress	✓										✓	
Anxiety				√ *	✓					✓		*S04 - in month prior to survey
Depression				√ *	✓					✓		*SO4 - in month prior to survey
Generalized Anxiety Disorder-7 (GAD-7)	1		t						√	√ *	√	* COVID-19 - since March 2020
Patient Health Questionaire-9 (PHQ-9)	1		t						✓	√ *	√	* COVID-19 - since March 2020
Resilience	1		t								√	22 22 3
Flourishing	1										✓	
Social support	✓										√	
Accessed mental health services	1		t							✓	√	Since March 2020
Significant life events	1		t								√	Since 2019
SLEEP												555 ±5±5
Hours slept				✓								
Hours slept in a 24 hour period	+	1	 			√		√	√		✓	
Daily sleep start/stop times	+	1	 		✓							
Trouble going to sleep or staying asleep	1								√		✓	
Litorone Bould to siech of staking asiech	1	1	<u> </u>	l				1	L			

HLQ	CDHQ	PYTPAQ						S17	COVID-19	S23	
i	2000-200	8	2004	2008	2009	9-11	2011-15	2017/18	2020	2023	NOTES
										✓	
✓					✓		✓				
✓					✓		✓	✓		✓	
								✓	✓		
								✓		✓	
√					✓		✓			✓	
✓					✓		✓	✓		✓	
					✓		✓			✓	
✓			√ *	✓	√ **		√ **	√ **		✓	*S04 - since joining the study
											**UHLQ, CORE and S17 - asked about single ovary remova
											as well
✓			√ *	✓	✓		✓	✓		✓	*S04 - since joining the study
√			✓		✓		✓	✓		✓	,
✓			✓		✓		✓	✓		✓	
			✓							✓	
✓											
√											
✓											
					✓		✓	✓		✓	
√ *										✓	*HLQ - in past year
			√								The management of the second
√											
					√		✓				
			√				✓				
√ *					√ *					√**	*HLQ and UHLQ - in past year
											**\$23 - 2020, 2021 and 2022 only; between 11am-4pm
			√ *		√ *					√	*S04 and UHLQ - in past year
											*S04 and UHLQ - in past year
√ *					•						*HLQ - in past year
			•								**S04 - lifetime
					_		_				304 - Illetillle
										_/**	*S04, UHLQ and CORE - past year
			•		•		•			•	**\$23 - historical use
										√	323 - Historical use
										•	
1			1	1	1		1	1	/ *	/ *	*COVID-19 & S23 - also asked about any changes in
•			•	•	•		,	•	•	•	frequency since March 2020
	 										Trequency since March 2020
			√	/	√		1			√ *	*S23 - since March 2020 only
	+										*S23 - since March 2020 only
	+			-	_						*S23 - since March 2020 only
<u>, </u>	-										•
			v	· ·							*S23 - since March 2020 only
					Y		•			√ *	*S23 - since March 2020 only
	\frac{1}{\sqrt{1}}	2000-200	2000-2008	2000-2008 2004	2000-2008 2004 2008	2000-2008 2004 2008 2009 20	2000-2008	2000-2008 2004 2008 2009-11 2011-15	2000-2008	2000-2008	2000-2008 2004 2008 2009-11 2011-15 2017/18 2020 2023

	но	CDHO	PYTPAQ	S04	SOS	TIHLO	DANS	CORE	S17	COVID-19	S23	
Years in Use		2000-20		2004	2008	2009			2017/18	2020	2023	NOTES
Sheesha		2000-20	00	2004	2008	✓	-11	Z 011315	2017/18	2020	∠ 023	*S23 - since March 2020 only
Nicotine patches						_					<u>·</u>	Since March 2020 only
Nicotine gum											<u>·</u>	Since March 2020 only
Other						✓		√	√	√	√ *	*S23 - since March 2020 only
Quitting behaviours					√	•		•	,	,	<u> </u>	323 - Since March 2020 Only
Second hand smoke exposure	√ *					✓		√	√		<u>·</u>	*HLQ - past year; included locations (home, vehicle, public
Second Hand Smoke exposure												places, workplace)
CANNABIS												
Medical cannabis prescription									✓			
Ever used cannabis									✓		✓	
Ever used cannabis at least once a month for more than one year (age,									✓		✓	
frequency, last time, amount)												
Use in the past 12 months										✓	✓	Also asked about any changes in consumption since March
												2020
Purpose of consumption (medical, non-medical)										√	✓	
Methods of consumption (smoked, vaporized, consumed)										✓	✓	
E-CIGARETTES												
Ever used an e-cigarette									✓	✓	✓	
Use in the past 30 days									✓	√*	✓	*COVID-19 - also asked about any changes in frequency
												since March 2020
Nicotine presence									✓		✓	
Use while quitting smoking									✓		✓	
ALCOHOL												
Alcohol use		✓		√ *		√*		√*	√*	√**	√ **	*S04, UHLQ, CORE, and S17 - past year
												**COVID-19 & S23 - past year; also asked about any
												changes in frequency since March 2020
Lifetime alcohol use (age at first, #yrs consuming at least 1 drink)				✓								
Beverage type and amount		✓		√ *		√*		✓	✓		✓	*S04 and UHLQ - past year
Binge drinking				✓		✓		✓	✓		✓	Over the past year
ANTHROPOMETRICS AND OTHER PERSONAL HEALTH INFORMATION												
Height	✓			✓	✓			✓		✓	✓	
Weight	✓			✓	✓			✓	✓	✓	✓	
Waist circumference	✓			✓	✓			√ *	√ *		√ *	*CORE, S17, S23 - instructions for waist measurement
												changed from 1" above navel to top of hip bone
Hip circumference	✓			✓	✓			✓	✓		✓	
Adult weight history				✓								
Methods for weight loss				✓								
Medications and weight gain				✓								
Weight change											✓	Weight change since the start of the COVID-19 pandemic;
J 5.												incl amount and intentional/not intentional
Blood type										✓	✓	
T-1-T-7 T-1-T-7		1							L			L

	HLQ	СДНО	PYTPAQ	PAQ S04 S08		UHLQ	PANS	CORE	S17	COVID-19	S23	
Years in Use		2000-20		2004	2008	2009			2017/18	2020	2023	NOTES
NUTRITION												
Vegetables		✓			√		✓	√			V	CDHQ - past year frequency & servings of variety of vegetables S08 - past 7 days total servings of green salad, potatoes, carrots and all other vegetables PANS - typical week and day servings of all vegetables and separately of dark green and orange vegetables CORE - typical day total servings of all vegetables S23 - past month frequency of intake of potatoes and all other vegetables
Fruit		✓			√		<	√			✓	CDHQ - past year frequency & servings of variety of fruit S08 - past 7 days total servings of all fruit PANS - typical week and day servings of all fruit and separately of orange fruit CORE - typical day total servings of all fruit S23 - past month frequency of intake of all fruit
Fruit/vegetable juice		√			✓		√	~			✓	CDHQ - past year frequency & servings of variety of fruit/vegetable juice S08 - past 7 days total servings of fruit and vegetable juices (separate) PANS - typical day servings of 100% fruit/veg juice CORE - typical day total servings of 100% fruit/veg juice S23 - past month frequency of intake of fruit juice & sweetened beverages
Grains		√					*				√	CDHQ - past year frequency & servings of variety of grain products PANS - typical week total servings of whole grain products and refined/milled grains S23 - past month frequency of intake of white/refined grains and whole grains
Dairy		√					√				√	CDHQ - past year frequency & servings of variety of dairy products PANS - typical week total servings of milk and dairy products, type of milk S23 - past month frequency of intake of yogurt, kefir & cheese, and milk/unsweetened plant-based beverages
Animal-based protein		√					√				√	CDHQ - past year frequency & servings of variety of animal- based proteins PANS - typical week total servings of eggs, poultry, meat, fish S23 - past month frequency of intake of animal-based proteins

·	HLQ	CDHQ	PYTPAQ	S04	S08	UHLQ	PANS	CORE	S17	COVID-19	S23	
Years in Use	2	2000-20	800	2004	2008	2009			2017/18	2020	2023	NOTES
Plant-based protein		✓					✓				~	CDHQ - past year frequency & servings of variety of plant- based proteins PANS - typical week total servings of tofu or bean curd, beans or legumes, nuts/seeds/nut butters S23 - past month frequency of intake of plant-based proteins and milk/unsweetened plant-based beverages
Salty and snack foods		√					√				√	CDHQ - past year frequency & servings of variety of salty and snack foods PANS - typical week total servings of salty snack foods S23 - past month frequency of intake of fast food, processed meat, and salty snacks
Desserts and sweet foods		~					~				√	CDHQ - past year frequency & servings of variety of dessert and sweet foods PANS - typical week total servings of desserts or sweet snacks S23 - past month frequency of intake of sweetened milk/plant-based beverages, fruit juice & sweetened beverages, sugary foods
Beverages		√					√				√	CDHQ - past year frequency & servings of variety of beverages PANS - typical day servings of coffee and tea; typical week total servings of soft drinks/pop (incl. diet/sugar-free) S23 - past month frequency of intake
Food sources (cooking, baking, meal planning, budgeting, grocery store, meal delivery)										√	V	COVID-19 - participants were asked to compare current practices to pre-pandemic (from a lot less to a lot more) S23 - participants were asked to compare currently to in pandemic (during periods of public health restrictions; from a lot less to a lot more); included using grocery/meal delivery, cooking at home, and meal planning
Eating patterns/habits (restaurant food, snacking, comfort food, skipping meals, thinking about food, eating alone and with others)										V	~	COVID-19 - participants were asked to compare current practices to pre-pandemic (from a lot less to a lot more) S23 - participants were asked to compare currently to in pandemic (during periods of public health restrictions; from a lot less to a lot more); included fast food, restaurant food, bakery and sweet items, salty and snack items, and eating alone and with others

	HLQ	CDHQ	PYTPAQ	S04	S08	UHLQ	PANS	CORE	S17	COVID-19	S23	
Years in Use	2	2000-2008		2004	2004 2008		2009-11 20		2017/18	2020	2023	NOTES
Types of foods (fresh fruit/veg, canned/frozen fruit/veg, whole grains, animal protein, plant protein, packaged/prepared food)										✓		COVID-19 - participants were asked to compare current practices to pre-pandemic (from a lot less to a lot more) S23 - participants were asked to compare currently to in pandemic (during periods of public health restrictions; from a lot less to a lot more); included fruit, vegetables, animal-based proteins, plant-based proteins, and whole grains
Food security										√		
Nutritional supplements											✓	

·	HLO	СДНО	PYTPAQ	S04	S08	UHLQ	PANS	CORE	S17	COVID-19	S23	
Years in Use		2000-20		2004	2008	2009			2017/18	2020	2023	NOTES
PHYSICAL ACTIVITY												
Employment/volunteer activities			✓		√		√				✓	PYTPAQ - past year S08, PANS & S23 - past 7 days (long-form IPAQ) S23 - on optional diet/PA survey
Household activities			√		√		√				√	PYTPAQ - past year S08, PANS & S23 - past 7 days (long-form IPAQ) S23 - on optional diet/PA survey
Recreation/leisure activities			√		√		√				√	PYTPAQ - past year S08, PANS & S23 - past 7 days (long-form IPAQ) S23 - on optional diet/PA survey
Sedentary behaviours (sitting)					√		√	√			√	PYTPAQ - past year S08, PANS & S23 - past 7 days (long-form IPAQ) S23 - on optional diet/PA survey
Vigorous activities					√		√	√			√	S08, PANS, CORE, S23 - past 7 days S08, PANS, S23 - long-form IPAQ; CORE - short-form IPAQ
Moderate activities					√		√	√			√	S08, PANS, CORE, S23 - past 7 days S08, PANS, S23 - long-form IPAQ; CORE - short-form IPAQ
Walking					√		~	~		/ *	√	S08, PANS, CORE, S23 - past 7 days S08, PANS, S23 - long-form IPAQ; CORE - short-form IPAQ COVID-19 - asked about walking alone, with others, to store/café/shop or work; participants were asked to compare current practices to pre-pandemic (from a lot less to a lot more) S23 - participants were asked to compare current practices to during pandemic (periods of public health restrictions; from a lot less to a lot more) including walking in neighbourhood
Locations of activities (inside home, outside home, outdoors alone and with family, driving in vehicle, spending time outdoors)										✓	√	COVID-19 - participants were asked to compare current practices to pre-pandemic (from a lot less to a lot more) S23 - participants were asked to compare current practices to during pandemic (periods of public health restrictions; from a lot less to a lot more) including active inside and outside home
Types of activities (online workout videos, cardio activity, weight/bodyweight training, watching TV, using screen devices, playing video games, interacting with others)										~	√	COVID-19 - participants were asked to compare current practices to pre-pandemic (from a lot less to a lot more) S23 - participants were asked to compare current practices to during pandemic (periods of public health restrictions; from a lot less to a lot more) including watching TV and using screen-based devices
ENVIRONMENTAL and OCCUPATIONAL												
Postal code	✓			✓	✓	✓		✓		✓	✓	
BUILT ENVIRONMENT												
Built environment					✓							
Built Cityli Official												

•	но	CDHO	PYTPAQ	S04	508	UHLQ	DANS	CORE	S17	COVID-19	S23	
Years in Use		2000-20		2004	2008	2009			2017/18	2020	2023	NOTES
Address of dwelling lived at for longest time		2000-20	J08	2004	2008	✓)- <u>11</u>	2011-13	2017/18	2020	2023	NOTES
Complete lifetime residential history, including exposures to wood/coal heating					· ✓							
sources, and well/spring drinking water												
OCCUPATIONAL HISTORY												
	√				√	√		√			√ *	*C22 voice NOC andian
Current job title	<u> </u>				•	√		✓				*S23 - using NOC coding
Current industry						V ✓		V /			√	*S23 - using NOC coding
Current job schedule (reg day time, shift, nights etc.)						V ✓		· /			√ *	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Job title held of the longest time								· /			√ *	*S23 - using NOC coding
Industry work for the longest amount of time						√					✓*	*S23 - using NOC coding
Job schedule worked for the longest amount of time						✓		✓				
Evening and shift work				✓	✓			✓				
Industries worked for more than 6 months					✓							
Current occupational area										√		*COVID-19 survey - only asked if participants are working as a medical professional with exposure to patients or essential service provider with exposure to members of the public
CELL PHONES AND WEARABLES												
Own a cell phone and smartphone											✓	
Smartphone use (activities and time spent)											✓	
Smartphone apps											✓	
Wearables for health tracking											✓	
COVID-19 SPECIFIC (see COVID tab for further detail)												
Symptoms, testing and treament										✓	✓	
Long-COVID											✓	
Vaccines										✓	✓	
Behaviours and practices										✓	✓	
Economic impact										√	✓	
Employment impact										√	✓	
Health services impact										✓	✓	
Changes in cancer screening tests											√	
Mental health impact										✓		
Perceptions										√		
Changes in substance use										√	√	
· ·										· /	√ *	\$32. asked about fruit vegetables, fact food, restaurant
Changes in nutrition/eating practices										•	Y	S23 - asked about fruit, vegetables, fast food, restaurant food, animal-based proteins, plant-based proteins, sweetened beverages, bakery and sweet items, salty and snack items, white/refined grains, and whole grains; also using grocery/meal delivery, cooking at home, meal planning, eating alone and with others
Changes in physical activities										V	√	S23 - asked to compare current to during the pandemic (periods of public health restrictions; from a lot less to a lot more) for main items on the long-form IPAQ; also asked about walking in neighbourhood, active inside and outside home, watching TV, and using screen-based devices
Information sources										✓		