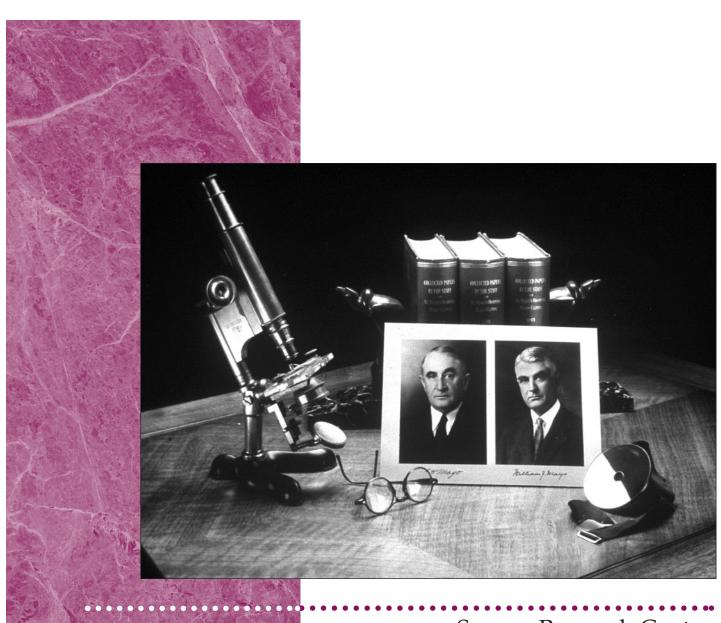


Mayo Study of Lymphoma and Leukemia (Main Questionnaire)



Survey Research Center

1-7	Clinic Number:
	Instructions: Please check the appropriate box or fill in the blank as indicated
8-15	Today's Date:// Month Day Year
16-23	1. What is your date of birth? //
24_	2. What is your gender? 1 Male 2 Female
25_	 3. What is your marital status? 1 Married or living as married 2 Widowed 3 Divorced or separated 4 Single, never married
26_	4. What is the highest level of schooling you have completed? (Mark one.) 1

Most people in the United States have ancestors who came from other parts of the world. Some people have mixed ethnic backgrounds.

	biological <u>father</u> ? (Please recand secondary ethnicity if yo has more than one ethnic background	cord pr ur fath	rimary er	biological mother? (Please re and secondary ethnicity if yo has more than one ethnic backgrounds)	ecord p our mo	orimary other
27:58	1 Don't know	Primary	Secondary	1 Don't know	rimary	Secondar
28:59	English, Scotch, Welsh	1	2	English, Scotch, Welsh 1		2
29:60	French	1	2	French 1		2
30:61	German	1	2	German 1		2
31:62	Greek	1	2	Greek 1		2
32:63	Irish	1	2	Irish 1		2
33:64	Italian	1	2	Italian 1		2
34:65	Spanish, Portuguese	1	2	Spanish, Portuguese 1		2
35:66	Scandinavian (Swedish, Norwegian, Danish, Finnish, Icelandic)	1 🗍	2 🔲	Scandinavian (Swedish, Norwegian, Danish, Finnish, Icelandic) 1		2 🔲
36:67	Polish		2	Polish		2
37:68	Czech/Slovak		2	Czech/Slovak 1		2
38:69	Hungarian		2	Hungarian 1		2
39:70	Russian		2	Russian 1		2
40:71	Other Eastern European (Lithuanian, Romanian, Ukrainian, etc.)		2 🔲	Other Eastern European (Lithuanian, Romanian, Ukrainian, etc.)		2 🔲
41:72	Other European		2	Other European 1		2
42:73	American Indian		2	American Indian 1	_	2
43:74	Canadian (non-French)	$_{1}$	2	Canadian (non-French) 1		2
44:75	French Canadian		2	French Canadian 1		2
45:76	Mexican	$1 \square$	2	Mexican 1		2
46:77	Puerto Rican	$_1$	2	Puerto Rican 1		2
47:78	Central American	$_1$	2	Central American 1		2
48:79	South American	1	2	South American 1		2
49:80	West Indian	$1 \square$	2	West Indian 1		2
50:81	Chinese	$1 \square$	2	Chinese		2
51:82	Indian, Pakistani	$1 \square$	2	Indian, Pakistani 1		2
52:83	Korean	$1 \square$	2	Korean 1		2
53:84	Japanese	$1 \square$	2	Japanese 1		2
54:85	Other Asian countries or Pacific Islanders		2 🔲	Other Asian countries or Pacific Islanders 1		2
55:86	African	$_{1}$	2	African 1		2
56:87	Middle Eastern		2	Middle Eastern 1		2
57:88		1 🔲	2	Other, specify: 1		2

Occupation

	rank, registered		nemaker, sales manager	g., gasoline engine , military - with highe
		Job title		
7.	For how many y	ears did you work at tl	his job? Year	S
8.	fill in the inform	other jobs (at least 10 h nation below. (If you h ve held the longest.)	nours per week) for long have had more than five	ger than 5 years, plea other jobs, please list
	<u>Jo</u>	<u>b title</u>	Age first worked	Number of years worked
			Age	Years
				Voors
			Age	Years
9.		ve on a farm for more tl	han one year? (Do not in	nclude hobby farms.)
9.	Did you ever liv	re on a farm for more the	han one year? (Do not in	nclude hobby farms.)
9.	Did you ever liv	At what age did you or born on a farm, ple	han one year? (Do not in	nclude hobby farms.) Tess than 1 year old ived on a farm?
9.	Did you ever liv	At what age did you or born on a farm, ple	han one year? (Do not in first live on a farm? (If ease enter 00.)	nclude hobby farms.) Tess than 1 year old ived on a farm?
9.	Did you ever liv	At what age did you or born on a farm, ple	first live on a farm? (If ease enter 00.) her of years that you live on the poor of years that you live on the years that you live y	nclude hobby farms.) Tess than 1 year old ived on a farm?
9.	Did you ever liv	At what age did you or born on a farm, ple ———————————————————————————————————	first live on a farm? (If ease enter 00.) The of years that you like when you did not live of the one of the	nclude hobby farms.) Tess than 1 year old ived on a farm?

Lifestyle

10. Have you ever used any tobacco products for six months or longer? (Please include 131_ cigarettes, cigars, pipes, snuff, and chewing tobacco.) **」**No Go to question 12 on page 5. 2 Yes If yes, have you ever smoked cigarettes for six months or longer? 1 No 132_ If yes, at what age did you start smoking cigarettes? 1 Don't know ___ Age 133-135 Do you smoke cigarettes now? 1 . No 136_ What year did you stop smoking cigarettes? 1 Don't know Year 137-141 Before stopping, how many cigarettes did you 2 L Yes usually smoke per day?

142-144

145-147

Page 4

per day?

__ _ Cigarettes per day

How many cigarettes do you usually smoke

__ _ Cigarettes per day 1 Don't know

1 Don't know

	longer?	rs ago, ala you use	any of these tob	acco products for twelve months or
148_ 149-150	Cigar	1 No	2 Yes	For how many years? Years
151_ 152-153	Pipe	1 No	2 Yes	For how many years? Years
154_ 155-156	Snuff	1 No	2 Yes	For how many years? Years
157_ 158-159	Chewing To	obacco 1 No	2 Yes	For how many years? Years
160_		live in the same ho le in your presence		meone who smoked cigarettes
		For how many year	ars altogether wa	as this the case?
161-162		Years		
				ours each day were or are you old while they were or are smoking?
163-164		Hours per	day	
165_	13. Did you ever ¹ □ No	work in an area wh	nere others smok	ed regularly in your presence?
		For how many year	ars altogether wa	as this the case?
166-167		Years		
				ours each day were or are you in the ey were or are smoking?
168-169		Hours per	day	
			D 5	

170_	14.	During your entire life, hadrink? (One drink of alcohof liquor, e.g., whiskey, branch 1 No 2 Yes	ol is eq	ual to one					
		If yes, for each age group given below, how many drinks of alcohol did you usually have?	None	Less than 1 each month	1 to 3 each month	1 to 2 each week	3 to 6 each week	1 to 2 each day	3 or more each day
171_		From age 14 to 17	0	1 🔲	2	3 🔲	4	5	6 🔲
172_		From age 18 to 22	0	1	2	3	4	5	6
173_		From age 23 to 29	0	1	2	3 🔲	4	5	6 🔲
174_		From age 30 to 49	0	1	2	3 🔲	4	5	6
175_		About 2 years ago	0	1	2	3	4	5	6
176_	15.	During most of your adult you walk for more than 10	life, w		ng outsi	de of yo	ur home,	, how of	ten did
177-179 180_		Rarely or never 2 1 to 3 times each 3 1 time each weel 4 2 to 3 times each 5 4 to 6 times each 6 7 or more times	k 1 week 1 week	ı	t was yo Casua Avera		l speed? nan 2 mil ormal (2 t	es an ho o 3 mile	our) s an hour)
		Continue on next page.	- -	3 L 4 [5 [_ Very	7 fast (3 t fast (moi t know			

181_	16.	During most of your adult life, how often did you usually do <i>strenuous or very hard exercise</i> ? (Exercise where you work up a sweat and your heart beats fast, e.g., aerobics, aerobic dancing, jogging, tennis, swimming laps, or vigorous yard or housework.) (Exclude walking outside of your home and any physical activity associated with any jobs you had.)
		1 Rarely or never
		2 1 to 3 days per month
		3 1 day per week How many minutes did
		4 2 days per week 5 2 to 4 days per week like this at one time?
100 104		5 3 to 4 days per week 6 5 or more days per week
182-184		5 of more days per week
		→
185_	17.	During most of your adult life, how often did you usually do <i>moderate exercise</i> ? (Exercise that is not exhausting, but your breathing and heart rate are above resting levels, e.g., biking outdoors, using an exercise machine like a stationary bike or treadmill, calisthenics, easy swimming, popular or folk dancing, golfing without a cart, or moderate yard or housework.) (Exclude walking outside of your home and any physical activity associated with any jobs you had.)
		1 Rarely or never
		2 1 to 3 days per month
		3 1 day per week
		you usually exercise → like this at one time?
186-188		5 🗌 3 to 4 days per week Minutes
		6 5 or more days per week
		▼
189_	18.	During most of your adult life, how often did you usually do <i>mild exercise</i> ? (Exercise that is not exhausting, e.g., slow dancing, bowling, golfing with a cart, hunting, gardening, light housework.) (Exclude walking outside of your home and any physical activity associated with any jobs you had.)
		1 Rarely or never
		2
		3 1 day per week you usually exercise
		4 ☐ 2 days per week
190-192		5 3 to 4 days per week Minutes
		6 🔲 5 or more days per week
		Continue on next page.
		Page 7

	19.	least 3 times per week? (This wor a sweat and make your heart beat hard exercises at the ages listed be	uld inclu fast. Be	de exercise that wa	s long enough to work up
193_ 194_ 195_		12 years old 1 No 2 18 years old 1 No 2 15 No 2 15 Years old 1 No 2 15 No 2 No	Yes	Don't know Don't know Don't know Don't know	(Leave blank if less than 35 years old.)
	20.	For the job (includes homemaking of the time were you engaged in a			
		Activity]	Percent of time	
196-198		Sitting		%	
199-201		Standing		%	
202-204		Walking		%	
205-207		Light manual labor		%	
208-210		Heavy manual labor		%	
		THE FOLLOWING SIX QUESTIONS ARE A IF YOU DON'T REMEMBER EXACTLY WE (WOMEN, IF YOU WERE PREGNANT AT WHEN YOU WERE NOT PREGNANT.)	HAT THEY	WERE, PLEASE GIVE Y	OUR BEST ESTIMATE.
211-213	21.	What was your weight 2 years ago	90?	Pounds	
214-216	22.	How tall were you (without shoes (Round up ½ inch.)	s on) at a	bout age 18?	Feet Inches
217-219	23.	What was your weight at about a	ge 18?	Pounds	
220-222	24.	What was your weight at about a	ge 35?	Pounds	(Leave blank if less than 35 years old.)
223-225	25.	What was your weight at about a	ge 50? _	Pounds	(Leave blank if less than 50 years old.)
226-228	26.	What is your maximum adult wei 18 years old)? (Remember, do not			
		Pounds			
			Page	2 8	

229_	27. Excluding the last 2 years,	did you ever hav	e a blood transf	usion?	
	If yes, please list the con or surgical procedure (e.g blood transfusion. Start in as many details as you	g., heart surgery o with the one who	or hip surgery) for en you were the	or which you youngest firs	had the t and fill
	Condition or surgical procedure	Age at transfusion	Number of transfusions	How much blood was	
230-237	1	Age	Number	1 None 2 Some	3 All 4 Don't know
238-245	2	Age	Number	1 None 2 Some	3 All 4 Don't know
246-253	3	Age	Number	1 None 2 Some	3 All 4 Don't know
254-261	4	Age	Number	1 ☐ None 2 ☐ Some	
262-269	5	Age	— — Number	1 None 2 Some	
270_	Check this box if you surgical procedures. procedure for which	. Please provide	details on the la	st condition o	r surgical
271-278	Last	Age	— — Number	1 None 2 Some	3 All 4 Don't know
279_	28. Excluding the last 2 years, any other surgery?	did you ever rece	eive a general an	esthetic for d	ental work or
	*	thasa procedures	curgoriae did th	o anosthatic n	nake vou
	For how many of tools to lose consciousness		surgeries ara th	e anesment n	nake you
280_	1 1 to 2 2	3 to 5 3 6	6 to 10 4 11	to 15 5 1	6 or more
		D	2		

281_	29. Did you eve	er have an organ	transplant	(including a bo	ne marrow tra	ansplant)?
	1 No	2 Yes				
		If yes, what receive them		e transplanted a	nd what year	did you
			<u>Organ</u>		Year re	<u>ceived</u>
282-286						
287-291						
	you have ne	the following co ver had the cond	nditions? (Ith professional Please mark a bo		If yes, age you were first
	Condition					<u>diagnosed</u>
292-294	or heart at	ase, angina tack	1 No	² Not sure	3 Yes	A
295-297	High bloo	d pressure	1 No	2 Not sure	3 Yes	Age
298-300		nellitus (sugar ot associated nancy)	1 □ No	2 Not sure	3 Yes	Age
		·				Age
301-303	Rheumato	id arthritis	1 No	² Not sure	3 Yes	Age
304-306	Osteoarth (degenera	ritis tive arthritis)	1 No	2 Not sure	3 Yes	Age
307-309	Crohn's d	isease	1 ☐ No	² Not sure	3 Yes	Age
310-312	Ulcerative	colitis	1 No	² Not sure	3 Yes	Age
313-315	Celiac dise	ease	1 No	² Not sure	3 Yes	Age
316-318	Sjögren's o sicca synd		1 No	2 Not sure	3 Yes	Age
319-321	Lupus or S	SLE	1 No	2 Not sure	3 Yes	Age
322-324	Polymyos: dermatom polymyalg		1 No	2 Not sure	3 Yes	Age

Page 10

	<u>Condition</u>				If yes, age you were first diagnosed
325-327	Eczema	1 No	2 Not sure	3 Yes	Age
328-330	Contact dermatitis	1 No	2 Not sure	3 Yes	Age
331-333	Cirrhosis of the liver or liver damage	1 No	2 Not sure	3 Yes	Age
334-336	Infectious mononucleosis ("mono")	1 No	2 Not sure	3 Yes	Age
337-339	Chronic fatigue syndrome	1 No	2 Not sure	3 \(\text{Yes} \)	Age
340-342	Depression, requiring medication or shock therapy	1 ☐ No	2 Not sure	3 Yes	Age
343-345	Epilepsy (convulsions or seizures not related to high fever)	1 No	2 Not sure	3 Yes	Age
346_	31. Have you ever been diagno	sed with can	icer? 1 N	o 2 Ves	
	If yes, please provide:	A 00 V011	TATORO	Traatmants	raceivad
	If yes, please provide: <u>Type of cancer</u>	Age you <u>first dia</u> ş		Treatments (Mark all th	
347-357		first diag	Age 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		aat apply.)
347-357 358-368	Type of cancer	first diag	Age 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(Mark all the Surgery Radiation Chemotherapy Other, specify: None	nat apply.)

380_	32.	0	that you had asthma?
		1 No	2 Yes
			If yes, thinking back over the past 10 years, have you needed to take daily medication for your asthma for a period of at least 6 months?
381_			1 □ No 2 □ Yes
			Excluding the last 2 years, about how many times were you hospitalized or treated in an emergency room for your asthma?
382_			1 None 2 1 to 4 3 5 to 14 4 15 to 24 5 25 to 49 6 50 or more
383-384			At what age were you first told by a doctor or other health professional that you had asthma? Age
385_	33.		e last 2 years, have you ever been told by a doctor or other health that you had high cholesterol? 2 Yes
386-387			At what age were you first told by a doctor or other health professional that you had high cholesterol? Age
			Did you ever take any medications for your high cholesterol?
388_			1 No medications 2 Dietary 3 Yes changes only
			What medications and for how long? Medication How long?
389-412			Months OR Years
413-436			Months OR Years
437-460			Months OR Years
		L	

461_	34.		the last 2 years, have you ever been told by a doctor or other health nal that you had a stomach ulcer?					
		1 No	2 Ves					
462-463			At what age were you first told by a doctor or other nealth professional that you had a stomach ulcer?					
			Oid you take any of the following nedications? No Yes Age number					
464-468			H2 blocker [e.g., Zantac, Pepcid, Tagamet, Axid (ranitidine, cimetidine), etc.]					
469-473			Other acid-suppression capsules/tablets [e.g., Prilosec, Cytotec, Prevacid, etc.] 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2					
474-478			Other antacids [e.g., Tums, Rolaids, Maalox, Mylanta, etc.]					
479_	35.		g the last 2 years, were you ever told by a doctor or other health professional had chickenpox?					
		1 N o	Yes, but not by a health care professional					
			How many times have you had chickenpox?					
480_			1 1 2 2 or more					
			At what age did you first have chickenpox?					
481-482			Age					
483_	36.		g the last 2 years, have you been told by a doctor or other health nal that you had shingles (herpes zoster)?					
		1 No	2 Yes 3 Yes, but not by a health care professional					
			How many times have you had shingles?					
484_			1 1 to 2 2 3 to 4 3 5 to 9 4 10 to 14 5 15 or more					
			At what age did you first have shingles?					
485-486			Age					

487_	37.		e last 2 years, have you been told by a doctor or other health professional herpes simplex (or cold sores) on the lip or around the outside of the				
		1 No	2 Yes Yes, but not by a health care professional				
			How many times have you had herpes simplex on the lip or around the outside of the mouth. (Please indicate the total number of episodes, even if they were not diagnosed by a doctor.)				
488_			1 1 to 2 2 3 to 4 3 5 to 9 4 10 to 14 5 15 or more				
489-490			At what age did you <i>first</i> have herpes simplex of the mouth (or cold sores)? Age				
491_	38.		e last 2 years, were you ever told by a doctor or other health professional genital herpes?				
		1 No	2 Yes 3 Yes, but not by a health care professional				
			How many times have you had genital herpes? (Please indicate the total number of episodes, even if they were not diagnosed by a doctor.)				
492_			1 1 to 2 2 3 to 4 3 5 to 9 4 10 to 14 5 15 or more				
493-494			At what age did you have your <i>first</i> episode of genital herpes? Age				
495_	39.		e last 2 years, were you ever told by a doctor or other health that you had infectious hepatitis?				
		1 No	2 Ves				
			What type(s) of infectious hepatitis did the doctor or other health professional tell you that you had?				
496_			1 Hepatitis A 4 Non-A, non-B hepatitis 2 Hepatitis B 5 Other, please specify type: 3 Hepatitis C				
497-498			At what age were you <i>first</i> told by a doctor or other health professional that you had infectious hepatitis? Age				

	₁□ Na a□ Vaa	
	1 No 2 Yes	
	If yes,	
	At what age were you <i>first</i> told?	What symptoms have you had from your plant allergies? (Mark all that apply.)
-501	Age	Burning, itching, watery eyesRunny nose
_	What plant(s) are you specifically allergic to?	 Sneezing or congestion Difficulty breathing Hives or skin rash
_ _ _		 Severe swelling Anaphylactic shock (severe allergic reaction affecting your breathing and requiring you to
- - -		need treatment with adrenaline or epinephrin 1 Other, list:
	At what age did you have	your most recent allergy attack?
-512	Age	
	On average, how many m	onths per year do you have plant allergies?
_	1 1 or less 2 2 to	o 6 months 3 \square 7 to 11 months 4 \square 12 months
	Have you ever taken med allergies?	ications, allergy shots, or other treatments for your plan
_	1 No 2 Yes	
	Which treat	tments? (Check all that apply.)
-518		-the-counter drugs 1 Other, please specify:
	1 1 1 124000	WINTION CHICA

__ Years

519-520

521_			professional ever told you that you have allergies to acts, shellfish or seafood, wheat, peanuts, or other foods?
	1 No	2 Yes	
	If yes,		
522-523	At what age you <i>first</i> told		What symptoms have you had from your food allergies? (Mark all that apply.)
524-533 534-543 544-553	Age		Burning, itching, watery eyes Runny nose
554_ 555_ 556_ 557_ 558_ 559_ 560_	What food(s) specifically a		 Sneezing or congestion Difficulty breathing Hives or skin rash Severe swelling Anaphylactic shock (severe allergic reaction affecting your breathing and requiring you to need treatment with adrenaline or epinephrine)
561_			1 Other, list:
562_			of times you have had an allergic reaction to food? 3 \square 6 to 10 4 \square 11 to 20 5 \square 21 or more
	Have you ev allergies?	er taken medi	ications, allergy shots, or other treatments for your food
563_	1 ☐ No	2 Yes	
		Which treat	tments? (Check all that apply.)
564-567		1 Presc	the-counter drugs To Other, please specify: Tription drugs Tription drugs
568-569			Years

570_ 42	1 ☐ No 2 ☐ Yes	professional ever told you that you have animal allergies
	If yes,	
	At what age were you <i>first</i> told?	What symptoms have you had from your animal allergies? (Mark all that apply.)
571-572 573_	Age	Burning, itching, watery eyes Runny nose
574_ 575_ 576_ 577_	What animal(s) are you specifically allergic to?	 Sneezing or congestion Difficulty breathing Hives or skin rash Severe swelling
578_ 579_ 580_		Anaphylactic shock (severe allergic reaction affecting your breathing and requiring you to need treatment with adrenaline or epinephrine)
581_		1 Other, list:
582-583 584_	1 Less than 1 2 L	have you lived with an animal that you are allergic to? 1 to 5 $3 \square 6$ to 10 $4 \square 11$ to 20 $5 \square 21$ or more cations, allergy shots, or other treatments for your
585_	1 No 2 Yes	
	Which treat	ments? (Check all that apply.)
586-589		-the-counter drugs 1 Other, please specify:
		gy shots
		What is the total number of years you took llergy shots for animal allergies?
		8

What symptoms have you had from your dust allergies? (Mark all that apply.)
Burning, itching, watery eyes Runny nose Sneezing or congestion
Difficulty breathingHives or skin rash
 Severe swelling Anaphylactic shock (severe allergic reaction affecting your breathing and requiring you need treatment with adrenaline or epinephr
1 Other, list:
6 months $3 \square 7$ to 11 months $4 \square 12$ months ations, allergy shots, or other treatments for your due
nents? (Check all that apply.)
he-counter drugs $1 \square$ Other, please specify:
ption drugs
ption drugsy shots

	1 ☐ No 2 ☐ Yes	
	If yes,	
	At what age were you <i>first</i> told?	What symptoms have you had from your insect allergies? (Mark all that apply.)
16	Age	Burning, itching, watery eyesRunny nose
	What insect(s) are you specifically allergic to?	 Sneezing or congestion Difficulty breathing Hives or skin rash Severe swelling
		Anaphylactic shock (severe allergic reaction affecting your breathing and requiring you need treatment with adrenaline or epinephri
		1 Other, list:
7	At what age did you have	your most recent allergy attack?
	What is the total number of	of times you have had an allergic reaction to an insect?
		o 5 3 \(\text{ \text{ 6 to } 10} \) 4 \(\text{ \text{ 11 to } 20} \) 5 \(\text{ \text{ 21 or more}} \)
	Have you ever taken medi allergies?	ications, allergy shots, or other treatments for your inse
	1 No 2 Yes	
	Which treat	tments? (Check all that apply.)
3		tments? (Check all that apply.) -the-counter drugs 1 Other, please specify:
3	1 Over-	
3	1 Over-	-the-counter drugs 1 Other, please specify:
3	1 Over- 1 Presc 1 Allers	-the-counter drugs 1 Other, please specify: -tription drugs

636_	45.	Has a doctor or	other healt	th professional ever told you that you have a i	nold allergy?
		1 No	2 Yes		
		If yes,			
		At what age you <i>first</i> told		What symptoms have you had from you allergy? (Mark all that apply.)	r mold
637-638 639_ 640_ 641_ 642_ 643_ 644_ 645_ 646_		Age		Burning, itching, watery eyes Runny nose Sneezing or congestion Difficulty breathing Hives or skin rash Severe swelling Anaphylactic shock (severe allerging affecting your breathing and required treatment with adrenaline of Other, list:	uiring you to r epinephrine)
		At what age	did you hav	e your most recent allergy attack?	
647-648		Age			
649_			_	months per year do you have a mold allergy? to 6 months $3 \square 7$ to 11 months $4 \square 12$	months
		Have you eve	er taken med	dications, allergy shots, or other treatments fo	r your mold
650_		1 □ No	2 Yes		
			Which trea	atments? (Check all that apply.)	
651-654			1 Pres	er-the-counter drugs 1 Other, please scription drugs ergy shots What is the total number of years you took	se specify:
655-656				allergy shots for your mold allergy? Years	

	If you	
	If yes, At what age were you <i>first</i> told?	What symptoms have you had from your drug, medication or vaccination allergies? (Mark all that apply.)
-659 -679 -699	Age	 □ Burning, itching, watery eyes □ Runny nose □ Sneezing or congestion
-719 - - - - -	What drug(s), medication(s), or vaccination(s) are you specifically allergic to?	Difficulty breathing Hives or skin rash Severe swelling Anaphylactic shock (severe allergic reaction affecting your breathing and requiring you to need treatmen with adrenaline or epinephrine)
_		1 Other, list:

			_	Immuniza	ations		
	47.	Have you eve	r received the fol	lowing immu	ınizations or	vaccinations	?
		Immunization	<u>1</u>		Age at first shot	Age at last shot	Total number of shots
729_ 730-735		Hepatitis A	1 No	2 Yes			
736_ 737-742		Hepatitis B	1 No	2 Yes	·		
743_ 744-749		Chickenpox	1 No	2 Yes	·		
750_ 751-756		Yellow Fever	1 No	2 Yes	·		
757_ 758-763		Influenza (flu	1 No	2 Yes	- <u> </u>		
	4			Medicat	ions		
764_	48.	Excluding the prednisone?	last 2 years, did	you take cort	icosteroids, s	uch as cortis	one or
		1 □ No	2 Yes				
			Excluding the la corticosteroids,			p all the time	e that you took
765_			1 Less than 2 3 to 6 mo 3 7 to 11 me	3 months nths onths	4 1 to 5 y 5 6 to 10 6 11 to 20	rears 7 years) years	Greater than 20 years
			How old were y	ou when you	ı first took co	orticosteroids	?
766-767			Age				
768-769			How old were y	ou when you	ı <i>last</i> took co	rticosteroids	? Age
			For what illness	ses or conditi	ons did you	take corticost	eroids?
770-789							
790-809							

	49.	Excluding the last 2 years, did you take of the following medications?	e any		Ag fir	st 1	Total number of
		Medication			tak ——	<u>cen</u> <u>y</u>	years taken
810_ 811-814		Insulin	1 No	2 Yes	-	_ Age	Years
815_ 816-819		Pills for sugar diabetes (or to lower blood sugar)	1 No	2 Yes	>	_ Age	Years
820_ 821-824		Medication for an <u>over</u> active thyroid	1 No	2 Yes	 >	_ Age	Years
825_ 826-829		Medication for an <u>under</u> active thyroid	1 No	2 Yes	→	_ Age	Years
830_ 831-834		Medication to control epilepsy (convulsions or seizures)	1 No	2 Yes	→		Years
835_ 836-839		"Statin" cholesterol-lowering drugs [e.g., Mevacor (lovastatin), Prevachol (pravastatin), Zocor (simvastatin), Lipitor, etc.]	1 ☐ No	2 Yes	-	_ Age	Years
840_ 841-844		Other cholesterol-lowering drugs	1 No	2 Yes	>	_ Age	Years
845_ 846-849		Prozac, Zoloft, Paxil, Celexa	1 No	2 Yes	<i></i> →	_ Age	Years
850_ 851-854		Other antidepressants [e.g., Elavil, Tofranil, Pamelor]	1 No	2 Yes		_ Age	Years
855_ 856-859		Digoxin (e.g., Lanoxin)	1 No		-	_ Age	Years
	50.	Excluding the last two years, did you retake any of the following medications? occasional use of less than once per more	(Exclude	c r	Average lays per nonth	On days used, number	
		Medication		<u>'</u>	ısed	pills take	en taken
860_		Aspirin (baby or low-dose) (162 mg or less)	1 ☐ No	2 Yes			
861-866 867_		Aspirin (regular or extra strength) (163 mg or more, e.g., Bufferin, Anacin, Bayer, Excedrin, Ecotrin, etc.).	1	2 \(\text{Yes} \)			
868-873 874_		Ibuprofen (e.g., Motrin, Advil, Nuprin, Mediprin, etc.)	1	2 Yes			
875-880 881_		Acetaminophen (e.g., Tylenol, Phenaphen, etc.)	1 ☐ No	2 Yes			
882-887		Other anti-inflammatory analgesics (e.g., Naprosyn, Anaprox, Aleve, Voltaren, Feldene, Toradol, Indocin, etc.)	1 ☐ No	2 Yes			
889-894 895_ 896-901		COX-2 inhibitors (e.g., Celebrex, Vioxx, etc.)	1 No	2 Yes			

902_	51.	Were you ado	pted? 1 No	2 Yes	(Please provi	de any informati ut your blood rel	
	52.		y persons related to . (Write in "0" if you				
903-904		How many	brothers do/did you	have? (inc	lude half-bro	thers)	Brothers
905-906		How many	sisters do/did you h	ave? (inclu	de half-sister	s)	Sisters
907-908		How many	sons do/did you hav	ve?			Sons
		•	•				
909-910		How many	daughters do/did yo	ou nave:			Daughters
911_	53.	brothers and	,	liagnosed as	having cand	er? (Please inclu	ıde non-
							
			If yes, Who had	What	type of	What was their age at <i>first</i>	Check here if person is
			the cancer?		was it?	diagnosis?	deceased.
912-917			☐ Mother			Age	$_{1}$
918-923			☐ Father			Age	1
924-929			☐ Brother #1			Age	1
930-935			☐ Brother #2			Age	1 🔲
936-941			Brother #3			Age	1 🔲
942-947			☐ Sister #1			Age	1 📙
948-953			☐ Sister #2			Age	1 📙
954-959			☐ Sister #3			Age	1 📙
960-965			☐ Son #1			Age	1 📙
966-971			☐ Son #2			Age	1 🔲
972-977			☐ Son #3			Age	1 📙
978-983			Daughter #1			Age	1 🔲
984-989			☐ Daughter #2			Age	1 🔲
990-995			☐ Daughter #3			Age	1
996_			Please provide any	y other info	rmation or fa	mily history of	cancer:

Early Childhood and Adolescence

Adult health may be affected by events or exposures that occurred in Early Childhood and Adolescence. Please answer the following questions to the best of Your ability.

997-999	54.	. How old was your mother when you were born?						
		Age	1 Don't know					
1000_	55.	1 First 2	Second 3 Third 4 Fourth 5 Fifth child 6 Don't child child child or greater know					
1001-	56.	What was your birt	th weight?					
1005		Pounds	Ounces 1 Don't know					
1006_	57.	When you were bo	rn, were you a:					
		1 Singleton	2					
			If you were a twin, is your twin male or female?					
1007_			1 Male 2 Female					
			Are you and your twin:					
1008_			1 Identical 2 Fraternal 3 Don't know (monozygotic) 2 dizygotic)					
1009_	58.	When you were bo	rn, were you:					
		Full term (pr	regnancy lasted about 9 months) eeks premature					
1010_	59.	Did your mother had pregnant with you?	ave eclampsia or preeclampsia (toxemia of pregnancy) while					
		1 No 2	Yes 3 Don't know					
			Page 25					

1011_	60. When you were born, were you treated for neonatal jaundice?							
		1 No	2 Yes	3 Don't know				
1012_	61.	Were you brea	astfed as a b	aby?				
		1 No	2 Yes	3 Don't know				
			For how lo	ong were you breastfed	1?			
1013_			2 1 to 3 7 to 4 12 1	ss than 1 month o 6 months o 12 months months or more n't know				
		L						
1014- 1015	62.	Counting you were 12 years Peop	old?	nany people usually sl	lept in you	r bedroo	m up until y	you
			ic					
	63.	Think back to height short,		sted below. Compared	to other g	irls/boys	your age, v	vas your
		At age	· ·	Short	Average	Tall	Don't know	
1016_		C	oout 1st grad	le) 1 🔲	2	3	4 🗍	
1017_		-	_	nde) 1 🔲	2	3	4	
1018_		•	· ·	rade)1	2 🔲	3	4 🔲	
	64.		other girls/bo	t at the ages listed belo bys your age and heigh heavy?		n Avera	ge Heavy	Don't know
		At age						
1019_			O	le)			3 🔲	4 🔲
1020_		-	_	nde)			3 🔲	4 🔲
1021_		18 years (a	about 12th gr	rade)	1	2	3 🔲	4

022- 024	65.	How old were you when you stopped getting taller?
		Age 1 Don't know
025- 028	66.	How much did you weigh when you stopped getting taller?
		Pounds 1 Don't know
	4	Sun Exposure
029_	67.	Would you describe your complexion as: 1 ☐ Light 2 ☐ Medium 3 ☐ Dark
030_	68.	Suppose you spent an hour in bright sunlight for the first time in summer in the middle of the day without any protection. Which of these reactions best describes what would happen to your skin?
		1 ☐ A sunburn with blisters 4 ☐ A tan with no sunburn 2 ☐ A sunburn without blisters 5 ☐ No change in skin color 3 ☐ A mild sunburn without blisters
031_	69.	Have you ever had a mole removed?
		$1 \square \text{ No}$ $2 \square \text{ Yes}$
		Were any of them diagnosed as dysplastic (atypical, abnormal, pre-cancerous)?
032_		1 ☐ No 2 ☐ Yes 3 ☐ Don't know
		Were any of them diagnosed as melanoma (cancer in a mole)?
033_		1 ☐ No 2 ☐ Yes 3 ☐ Don't know
034_	70.	What would happen to your skin if it was repeatedly exposed to bright sunlight in summer months?
		Get no suntan at all, or only get freckled, or only turn pink Mild or occasionally tanned Moderately tanned Go very brown and deeply tanned Don't know
		Page 27

1035_	71. Do you have skin that freckles as a result of	f exposu	re to the su	ın?		
	 Yes, I always freckle as a result of prolonged. Yes, I sometimes freckle or get a mode prolonged sun exposure. No, I very rarely or never freckle as a Don't know. 	erate amo	ount of free	ckles as		f
1036_	72. How many freckles do you currently have?					
	 None Few (1 to 25) Moderate (26 to 100) 					
	4 L Extensive cover (101 or more)					
	THE NEXT SEVERAL QUESTIONS ASK ABOUT SUN EXP PLEASE FILL OUT ONE ANSWER FOR EACH OF THE TI YET THE AGE SPECIFIED IN THE RANGE, PLEASE ANSWER	ME PERIO	DS ON THE I	LEFT. IF	YOU ARE N	JOT
	73. How much midday (10 a.m to 2 p.m.) sun exposure, on average, did you have in each of the following age groups? Not applicable	Don't know	Practically none (3 hrs or less per week)	Little (4 to 7 hrs per week)	Moderate (8 to 14 hrs per week)	Extensive (15+ hrs per week)
1037_	Birth to age 12	2	3	4	5	6
1038_	13 years to 21 years	2	3	4	5	6
1039_	22 years to 40 years 1	2	3	4	5	6
1040_	41 years or older 1	2	3 🔲	4	5	6
	74. In each of the following age groups, how frequently did you wear sunscreen or protective clothing (hat or long-sleeved shirt) when in the bright sun for more than 15 minutes?			Rarely (less than 20%)	Most times (20% to 80%)	Usually (more than 80%)
1041_	Birth to age 12 1	2	3	4	5	6
1042_	13 years to 21 years 1	2	3 🔲	4	5 🗌	6
1043_	22 years to 40 years	2	3 🔲	4	5 🗌	6
1044_	41 years or older	2	3 🗌	4	5	6

	75.	Please indicates severe sunburthad in each of following age	rn you f the	Not applicable	Don't know	Practically never had sunburn	Mild sunburns (mild redness only)	Moderate sunburns (redness and/or pain)	Severe without blistering (painful)	Severe with blistering (painful)
1045_		Birth to as	ge 12	. 1	2	3	4	5	6	7
1046_		13 years to	o 21 years	. 1	2	3	4	5	6	7
1047_		22 years to	o 40 years	. 1	2	3 🔲	4	5	6	7
1048_		41 years o	r older	. 1	2	3	4	5 🗌	6	7
1049_	76.	Have you eve 1 □ No	r used a sunla	amp or ta	nning b	oed?				
1050_			2 10 to 3 20 to 4 30 to	ars of age o 19 years o 29 years o 39 years ears of ag	or your old old old e or old	nger er				
1051_			1 9 ye 2 10 to 3 20 to 4 30 to	ars of age o 19 years o 29 years o 39 years ears of ag	or your old old old	nger		•	Ü	
			About how		nes have	you ever	used a s	unlamp o	r tannin	g bed?
1052_			2 \(\tau \) 3 to 3 \(\tau \) 10 to	2 times 9 times o 19 times imes or m						

Information About Your Home

WE ARE INTERESTED IN CHEMICALS THAT MAY HAVE BEEN USED IN PLACES WHERE YOU LIVED, INCLUDING INSIDE HOMES, ON LAWNS/YARDS, OR ON FAMILY GARDENS. DO NOT INCLUDE USE OF THESE CHEMICALS IF THEY WERE USED AS PART OF YOUR JOB (E.G., FARMING ACTIVITIES, WORK AT A NURSERY, OR OTHER WORKPLACE THAT USES THESE CHEMICALS).

1053_	77. Have insecticides (chemicals that kill insects) ever been used around your home, lawn/yard, or family garden at any of the residences where you have lived?
	$1 \square \text{ No} \qquad 2 \square \text{ Yes}$
	If yes, approximately how many years (total) were these products used?
1054_	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	Did you personally handle any of these products?
1055_	1 No 2 Yes
	If yes, what percent of the total years that these products were used did you personally handle these products?
1056_	1 4 percent or less 2 5 to 50 percent 3 51 percent or more
1057_	78. Have herbicides (chemicals that kill weeds) ever been used around your home, lawn/yard, or family garden at any of the residences where you have lived?
	$1 \square \text{ No} \qquad 2 \square \text{ Yes}$
	If yes, approximately how many years (total) were these products used?
1058_	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
	Did you personally handle any of these products?
1059_	$1 \square$ No $2 \square$ Yes
	If yes, what percent of the total years that these products were used did you personally handle these products?
1060_	1 4 percent or less 2 5 to 50 percent 3 51 percent or more

1061_	79. Have fertilizers ever been used on lawns/yards at any of the residences where you have lived?						
	1 ☐ No 2 ☐ Yes						
	If yes, approximately how many years (total) were these products used?						
1062_	1 4 years or 2 5 to 15 3 16 to 30 4 31 years or more						
	Did you personally handle any of these products?						
1063_	$1 \square \text{ No} \qquad 2 \square \text{ Yes}$						
	If yes, what percent of the total years that these products were used did you personally handle these products?						
1064_	1 \square 4 percent or less 2 \square 5 to 50 percent 3 \square 51 percent or more						
1065_	80. Have pesticides or chemicals to control or prevent termites ever been used at any of the residences where you have lived?						
	1 No 2 Yes						
	If yes, approximately how many years (total) were these products used?						
1066_	1 4 years or 2 5 to 15 3 16 to 30 4 31 years or more						
	Did you personally handle any of these products?						
1067_	1 No 2 Yes						
	If yes, what percent of the total years that these products were used did you personally handle these products?						
1068_							
1000_	1 4 percent or less 2 5 to 50 percent 3 51 percent or more						
1000_	1 4 percent or less 2 5 to 50 percent 3 51 percent or more						
1069_	81. Have pesticides or chemicals to control cockroaches, ants, or insects other than termites ever been used at any of the residences where you have lived?						
_	81. Have pesticides or chemicals to control cockroaches, ants, or insects other than						
_	81. Have pesticides or chemicals to control cockroaches, ants, or insects other than termites ever been used at any of the residences where you have lived? 1 No 2 Yes						
_	81. Have pesticides or chemicals to control cockroaches, ants, or insects other than termites ever been used at any of the residences where you have lived?						
1069_	81. Have pesticides or chemicals to control cockroaches, ants, or insects other than termites ever been used at any of the residences where you have lived? 1 No 2 Yes If yes, approximately how many years (total) were these products used? 1 4 years or 2 5 to 15 3 16 to 30 4 31 years or more						
1069_	81. Have pesticides or chemicals to control cockroaches, ants, or insects other than termites ever been used at any of the residences where you have lived? 1 No 2 Yes If yes, approximately how many years (total) were these products used? 1 4 years or 2 5 to 15 3 16 to 30 4 31 years						
1069_	81. Have pesticides or chemicals to control cockroaches, ants, or insects other than termites ever been used at any of the residences where you have lived? 1 No 2 Yes If yes, approximately how many years (total) were these products used? 1 4 years or 2 5 to 15 3 16 to 30 4 31 years less years years or more Did you personally handle any of these products?						

1073_	82. Have you eve	er had cats as pe	ets?				
	1 No	2 Yes					
		If yes, did a v leukemia or l	eterinarian ever tell you that any of your cats had viral ymphoma?				
1074_		1 No	2 ☐ Yes				
			If yes, how many of your cats had viral leukemia or lymphoma?				
1075- 1076			Cats				
1077_	83. Which best d	escribes your ra	ncial background?				
	American Indian/Alaska Native Asian Native Hawaiian or other Pacific Islander Black or African American Mhite None of the above I don't know Refuse						
1078_	84. Are you of H	ispanic or Latin	o origin?				
	1 No	2 Yes	3 ☐ I don't know 4 ☐ Refuse				
1079_	We welcome any	comments you	may wish to provide.				

Thank you for taking the time to participate in this survey!



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