

WT 45

Number of Employees on job (in R&H)	97	57	87	89	88	92
Date of Exam	Last Phys Prior To W-1 Exp	1954	1958	1959-60	1961	1965-66
Weight	96	13	69	80	72	70
Height	96	13	69	80	72	70
BP Sys	96	13	68	80	69	69
BP Dias	96	13	68	80	69	69
BSP		13	11	4	1	61
Hemoglobin			35		60	42
Hematocrit				74	59	66
Thymol Turbidity		13			44	66
SGOT						66
Prothrombin				73		
B Protein						58
Icterus Index						16
Alk Phos				71		

R&S 033685

* Information not collected as part of the basic exams has been crossed out for the most part.

OF SCOPE

* Very Sick while working in Asperin Plant 1952

Exposure	year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
	TWA	X	X	X	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	TOJ				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
Date of Exam		1952	1952	1954	1955	1959	1961	1966													
weight		160	153	156	176	169	171	173													
Height		70	70	70	71	70	70	70													
BP Sys		114	148	124	132	130	124	120													
BP Dias		70	100	80	96	88	78	90													
BSP					6.0			5.7													
Hematocrit						39.0	48.0	51.0													
V.C. (Obs-Exp)																					
Icterus Index								7.7													

7/2/54

R&S 033686

Autonalyser	1967	1965	Tot bil	SGPT	Tot Prot
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Notice
Delayed effect

13 BSP

CCly EYASUAR
DISCARD?

Man Number

Name

birth date. 2505

Jaundice

yes ☒ no ☐

Year started 1943

43 44 45 46 47 48
340 340 340 340 340 340

Year

49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66

Exposure TWA

340 340 100 330 595 430 320 230 180 120 95 55 35 20 15 10 10 10

TOJ

		Month						
		10P	3	9	10	8		
Date of Exam		1943	1954	1958	1959	1961	1965	1968
code								
1	Weight	182	246	216	220	228	X	
2	Height	73	74	73	73	73	X	
3	BP Sys	102	122	142	110	128	X	
4	BP Dias	76	88	92	78	78	X	
5	BSP		25				X	
6	Hemoglobin			13.5		14.0	X	
7	Hematocrit				35.0	44.5	X	
8	Thymol Turbidity		1.0			.9	X	
9	SGOT		1.2				X	
10	Prothrombin				98.9			
11	B Protein						X	
12	Icterus Index							
13	Alk Phos				7.3			

1/1954. BSP 3.5 Thymol Turbidity 1.2 9/1958 SGOT 16.0
(Exposure prior to 1954 checked + found to be VCL2)

R&S 033687

Man Number [redacted] Name [redacted] birth date 2410
 Jaundice X yes no Year started 1949

Year 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66
 Exposure TWA 330 330 180 330 595 430 320 230 190 120 90 55 35 20 15 10 10 10
 TOJ

	Month	9 P	3	8	10	8	5	2
Date of Exam		1948	1954	1958	1959	1961	1965	1966
code								
1	Weight	126	138	160	154	153	170	175
2	Height	67	67	67	67	67	67	67
3	BP Sys	126	100	154	132	122	152	142
4	BP Dias	72	72	98	82	74	88	85
5	BSP		2.5		X		9.1*	8.5
6	Hemoglobin			15.4		14.4	13.5	
7	Hematocrit				41.0	45.5	46.0	45.0
8	Thymol Turbidity		1.2			1.2	3.0	1.5
9	SGOT						35.0*	55.0*
10	Prothrombin				95.9			
11	β Protein						17.9*	
12	Icterus Index						10.6	89
13	Alk Phos				7.7			

R&S 033688

* randomly selected from
 1965 BSP 5.3, 9.1 SGOT 35.0 19.0 β Prot 17.9, 24.5
 1966 SGOT 55.0 39.0

Man Number Name birth date 2602
 Jaundice yes X NO Year started 1950

Year 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66
 Exposure. TWA 330 180 330 595 430 320 225 150 125 105 65 65 25 50 30 20 20
 TOJ

		Month	6X	3	9	10	8	8	8
Date of Exam			1946	1954	1958	1959	1961	1965	1967
code									
1	Weight		133	163	148	160	158	166	166
2	Height		67	66	66	66	67	66½	66
3	BP Sys		X	126	130	130	128	120	120
4	BP Dias		X	86	78	74	70	86	84
5	BSP		D	10.5*	X	4.5	X	8.6	
6	Hemoglobin		D		12.6	X	13.7		14.2
7	Hematocrit		Z			36.0	43.5	44.0	46.0
8	Thymol Turbidity		I	1.0			1.2	1.8	
9	SGOT		P					25.0	
10	Prothrombin		unc			97.7			
11	B Protein							17.0	
12	Icterus Index								
13	Alk Phos					4.9			

* 10.5 randomly selected from two observations collected at the same time First 8.0 repeat 10.5

Man Number Name

birth date 0005

Jaundice yes X no Year started 1949

Year 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66
 Exposure TWA 340 340 190 250 385 295 235 370 50 50 85 45 30 30 80 45 25 25
 TOJ

Month		8	2	5	10	8	4	
Date of Exam		1941	1954	1958	1959	1961	1965	
code								
1	Weight	166	174	169	158	172	165	
2	Height	68	68	69	68	68	68	
3	BP Sys	125	160	120	126	132	132	
4	BP Dias	85	90	80	82	86	90	
5	BSP		7.1		4.5		8.3	
6	Hemoglobin			14.0	13.8	15.0	14.3	
7	Hematocrit				37.5	48.0	49.0	
8	Thymal Turbidity		6.0			4.9	5.6	
9	SGOT						3.0	
10	Prothrombin				88.7			
11	B Protein						22.6	
12	Icterus Index							
13	Alk Phos				10.0			

pt has had 'saran rash' in 1950-51

R&S 033690

shaw Kramer

5

[REDACTED]

birth date Sept 1917

was in Aspirin from 1941-1943 diagnosed from exposure To VCI
no jaundice year started 1949

Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA	340	340	190	175	170	160	150	140	135	125	120	75	45	30	80	45	25	25		
TOT	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
Date of Exam	12 1936	1 1941	3P 1946	3 1954		7 1958	10 1959	8 1961							5 1965					
Weight	165	172	177	175		185	178	177							194					
Height	69	69	70	70		70	70	69							70					
BP Sys	126	150	140	170		156	130	158							152					
(Pulse)	70	80	72				82	78							80					
BP Dias	82	92	90	90		96	92	98							102					
BSP				4.0											4.4					
Hemoglobin						14.0									11.8					
Hematocrit							41.0	47.0							45.0					
Thymo turbid.				1.2				1.1							2.3					
S-GOT SGPT															21.0					
Prothrombin Time								98.0												
B Protein															X					
Alk Phos								5.5 ^{KFA}												

R&S 033691

6

[REDACTED]

birth date Sept 1915
year started 1949

no jaundice

1080

	Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure	TWA	330	330	120	140	160	240	340	225	150	95	85	45	30	15	30	20	15	15		
	TOT	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
Date of Exam		10 P 1945	3 1954	8 1958	10 1959	8 1961	10 1965														
Weight		186	203	186	200	202	197														
Height		71	71	70	71	71	70														
B.P. Sys		138	144	122	146	162	160														
(Pulse)		72	72	72	78	78	78														
BP Dias		112	96	80	96	109	98														
BSP			5.0		5.5	3.0															
Hemoglobin				13.0		13.6	11.6														
Hematocrit					39.0	44.0	46.0														
Thymol Turbidity			.6			1.6	.6														
SGOT Index							9.0														
Prothrombin Time						93.1															
B Protein							15.7														
Alk Phos						11.8 KA															

R&S 033692

7

no jaundice

birth date Apr. 1926
year started 1949

		1080																			
		815																			
Exposure	Year	49	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67
	TWA	330	330	420	140	160	240	150	140	160	125	120	75	45	30	80	45	15	15		
	TOJ	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18		
Date of Exam	9P	1946	3	9	10	8															
Weight		160	191	174	178	165															
Height		68	68	68	69	69															
BP Sys		136	124	120	126	145															
(Aulse)		70	80		80																
BP Dias		80	74	70	78	80															
BSP			7.5		6.7																
Hemoglobin				13.8		15.5															
Hematocrit					42.0	46.0															
Thymol turbidity			.6			.8															
SGOT trans index																					
Prothrombin					84.7																
B Protein																					
Alk Phos																					

Auto analyser	1967	Tot bil	SGPT	Tot Prot
	1968	.70	13.0	7.0

R&S 033693

8

~~_____~~ ~~_____~~

birth date June 1915
yr started 1949

jaundice ~~yes~~ X
 yes NO

year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA	340	340	190	175	170	160	150	140	135	125	120	65	40	25	45	25	15	15		
To J																				

Date of Exam	10P 1946	3 1954	8 1958	10 1959	9 1961	1 1966	3 1967
Weight	175	178	166	166	161	168	169
Height	66	66	66	67	66	67	67
BP Sys	136	132	130	130	124	150	120
(pulse)	84	75		72	82		72
BP Dias	86	86	85	90	80	90	74
BSP		4.0				X	
Hemoglobin			X		14.9	X	
Hematocrit				40.0	X	X	48.0
Thymol Turbidity		.5			1.5	X	
SGOT Enzyme Index						X	
Prothrombin				98.4			
B Protein						X	
Alk Phos				4.7 KA			

Autoanalyser 1967	Tot bil	SGPT	Tot Prot	Alk Phos
1968	.38	8.2	6.6	6.8

R&S 033694

birth date Mar. 1920
 Hist. of hepatitis 1943 jaundice X year started 1957
 660 | yes. No

year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA				330	330	275	235	185	160	125	105	65	40	25	50	30	20	20		
FOJ				1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
Date of Exam	5/1946	8/1958	10/1959	9/1961	11/1963						10/1967							7/1965		
Weight	170	179	181	178	180						179							176		
Height	69	70	70	70	70						70							70		
BP Sys	136	150	128	130	132						106							124		
(Pulse)	86	72	80		70						68							68		
BP Dias	84	96	88	80	70						82							82		
BSP		4.5																1.8		
Hemoglobin		15.4				X												50.5		
Hematocrit			43.0	47.5							53.0									
Thymol Turbidity		4.0		3.0														1.8		
SGOT Enzyme Enzyme																		24.0		
Prothrombin			100.0																	
B Protein																		14.3		
Alk Phos.			5.5																	

	Tot bil	SGPT	Tot Ast
Autoanalyse 1967	7.0	6.00	6.6
1965			

* For Separate Survey

no jaundice

46 47 48
50 50 50birth date May 1901
year started 1946

Year	49	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67
Exposure TWA	50	50	120	140	160	240	390	225	150	95	30	30	30	15	30	20	15	15		
TOT	3	4	5	6	7	8														

Date of Exam	79 1945	3 1954	8 1958	11 1959	9 1961	10 1965														
WT	144	159	163	158	160	162														
HT	69	69	69	69	69	69														
BP Sys	126	122	130	130	118	168														
BP Dias	90	84	88	88	78	94														
BSP		5.3				5.3														
Hemoglobin			X		X	15.7														
Hematocrit				35.0	46.0	45.0														
Thymol Turbidity		1.1			1.0	2.7														
Prothrombin				1060																
SGOT						8.0														
B Protein						16.1														
Alk Phos				7.2	7.2	7.2														

R&S 033696

//

R&S 033697

Man Number [REDACTED] birth date 2202
 Jaundice X Year started 1951
yes no

Year 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66
 Exposure TWA 140 140 140 140 140 135 130 125 140 160 175 190 210 25 25 25
 TOJ

		Month	49	8	12	6	11	
Date of Exam			1951	1954	1958	1959	1961	1965
code								
1	Weight		121		122	124	124	124
2	Height		67		67	67	68	68
3	BP Sys		114		112	128	110	122
4	BP Dias		72		68	80	70	86
5	BSP							3.5
6	Hemoglobin				13.5		14.0	15.5
7	Hematocrit					39.0	42.0	47.0
8	Thymal Turbidity						1.6	3.4
9	SGOT							15.0
10	Prothrombin					96.7		
11	B Protein							13.9
12	Icterus Index							
13	Alk Phos					8.1		

R&S 033698

Birth date May 1904
year started 1943

	5P 1932	3 1954	8 1958	10 1959	8 1961	9 1965
Date of Exam						
WT	173	198	166	173	180	185
HT	69.5	69.5	69½	70	70	70
BP Sys	150	176	140	146	155	160
BP Dias	70	100	98	100	90	88
BSP		6.7				3.5
Hemoglobin			14.2		14.9	X
Hematocrit				45.0	50.0	53.0
Thymol Turbid		2.2			.8	2.2
Prothrombin				92.8		
SGOT						33.0
B Protein						15.1
Alk Phos				6.7		

[REDACTED]

birth date Oct, 1914

no jaundice

year started 1951

Exposure	Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
		TWA	50	50	50	140	140	135	130	125	140	160	175	190	210	10	10	10	10		
	TOJ		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
Date of Exam		1P	7		11		7		12												
		1951	1958		1959		1961		1966												
Weight		155	171		173		154		178												
Height		66	66		66		66		66												
BP Sys		132	136		128		142		142												
'Pulse)		84	84		72		78		72												
BP Dias		86	82		78		86		82												
BSP									5.0												
Hemoglobin			X				14.4		15.1												
Hematocrit					35.0		46.0		49.0												
Thymol turbid.							1.4		2.0												
SGOT									33.0												
Interus Index									4.7												
Prothrombin					99.4																
B Protein									17.5												
Alk Phos					7.9																

Show Dr. Kramer

15

no jaundice

birth date Sept 1928
year started 1949

Year	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67
Exposure TWA	30	50	50	50	160	240	320	330	180	50	90	55	35	20	10	20	15	15		
TOJ	1																			
DATE OF EXAM	10 ^P 1947	8 1949	10 1958	10 1959	10 1961	9 1965	9 1966													
Weight	132	152	152	234	247	251	250													
Height	65	67	67	68	68	69	68													
BP Sys	126	110	110	136	148	133														
(Pulse)	84	68	82	72	86															
BP Dias	86	70	82	90	92	84														
BSP					6.0	3.5														
Hemoglobin			X		14.2	X														
Hematocrit				37.0	43.5	48.0														
Thymol Turbidity					5.3	7.4														
SGOT Enzyme Index					33.0	23.0														
Prothrombin				71.4																
B Protein				6.0		12.5														
Alk Phos.				5.75																

R&S 033701

Dr Kramer recommended this man should be taken off current job & not placed in job involving exposure to chlorinated hydrocarbons 1961

[REDACTED]

birth date Oct. 1916

no jaundice

year started 1946

	46	47	48	
	340	340	340	
Year	49	50	51	52
Exposure TWA	340	10	10	5
TOJ	3	4	5	6
Date of Exam	9P 1945	7 1958	8 1961	9 1966
Weight	185	230	225	230
Height	69	69	69	69
BP Sys	138	150	140	148
(Pulse)	76			
BP Dia.	80	100	92	82
BSP				
Hemoglobin	X	14.0	X	X
Hematocrit		X	X	X
Thymol turbidity		X	X	
SGOT Extrac Indx			X	
Prothrombin				X
β Pct-in			X	
Alk Phos				X

17

[REDACTED]

birth date Oct 1903
yr started 1951

Jaundice ~~X~~ yes no

Year Exposure TWA TOS	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
				0	0	0	140	140	135	130	125	140	160	175	190	210	R	R		
						3	4													
Date of Exam	2 ^P 1951	7 1958	1 1960			6 1961														
Weight	165	194	189			189														
Height	68	68	67			67														
BP Sys	135	120	144			152														
BP Dias	80	80	78			78														
BSP																				
Hemoglobin		X				15.6														
Hematocrit			41.0			41.0														
Thy mol Turbidity						1.3														
Prothrombin Time			96.7																	
SGOT																				
B Protein																				
Alk Phos			9.1 KA																	

R&S 033703

Man Number

Name

birth date 0705

Jaundice yes X no

Year started 1953

Year 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66
Exposure TWA 25 25 25 25 25 25 25 140 110 175 190 210 225 240 80
TOJ

		Month	12 ^P	9	1	6	10	
Date of Exam			1950	1958	1960	1961	1965	1967
1	Weight		153	180	185	180	180	
2	Height		73	72	72	72	72	
3	BP Sys		126	140	142	130	130	
4	BP Dias		80	86	88	80	78	
5	BSP						1.0	
6	Hemoglobin			14.0		13.8	14.7	
7	Hematocrit				35.0	42.0	46.0	
8	Thymol Turbidity					.5	1.3	
9	SGOT						8.0	
10	Prothrombin				106.0			
11	B Protein						8.1	
12	Icterus Index							
13	Alk Phos				10.9			

R&S 033704

Pesticides - weed killer no jaundice

420? 1050

birth date Aug 1925
year started 1951

Exposure	Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
TWA		30	30	160	240	340	225	150	95	25	45	30	15	30	20	15	15				
TOJ		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16				
Date of EXAM	5	12P	8	10	8	8															
	1943	1945	1958	1959	1961	1965															
Weight	133	143	169	161	152	174															
Height	67	68	68	68	68	68															
BP Sys	138	124	136	130	126	138															
(Fol. test)																					
BP Dias	70	82	90	88	74	86															
BSP			3.0			2.2															
Hemoglobin			15.8		15.0	X															
Hematocrit				43.0		48.0															
Thymol Turbid.			X			2.0															
SGOT			X			18.0															
Icterus Index						9.0															
Prothrombin T				82.8																	
B Protein				X		14.5															
Alk Phos																					

6/7/6

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[REDACTED]

birth date Mar 1919

no jaundice

130 / 305 year started 1952

Exposure	Year	49	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67
FWA						25	25	65	15	60	60	55	25	25	25	85	210	225	240	30	
TEST																					
Date of Exam	7P	1951	11	8										12							
		1951	1959	1961										1965							
Weight		162	165	179										190					X		
Height		65	64	64										65					X		
BP Sys		124	125	130										130					X		
(Aulse)		78		75																	
BP dias		76	84	82										90					X		
BSP														2.6							
Hemoglobin														13.6					X		
Hematocrit			37.0	43.0										45.0							
B Protein														15.0							
Prothrombin			97.3																		
Factor Index																					
Thymol turbidity				X										.80							
SGOT														23.0							
ALK Phos			65																		

2-1965 SGOT 26.8

history of jaundice X
yes NO

birth date June 1924
yr. started 1947

Exposure	Year	200 300																				
	TWA	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	
	TOS	300	330	10	10	10	10	10	10	10	10	10	10	10	10	5	5	5	5	5	5	
		2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
Date of Exam		9P 1945	9 1958	10 1959	12 1961	7 1965	12 1967															
Weight		153	167	168	X	177	174															
Height		69	70	69	X	70	70															
BP Sys.		148	138	132	X	134	120															
Gravim		72	80	88	X	70	70															
BP Dias		76	82	82	X	70	70															
BSP			4.0		X	X																
Hemoglobin		<u>16.4</u>			X	X																
Hematocrit				40.0	X	49.0	51.0															
Thymol Turbidity					X	2.0																
SGOT						24.0																
Icterus Index							7.7															
Prothrombin				88.7																		
B Protein																						
Alk Phos.				9.5 KA																		

R&S 033707

R&S 033707

Autonalyser	1962	1965	Tot bil	SGPT	T. Prot
			.60	6.8	6.9

BSP (11.2) Injection discontinued after .2 cc because patient complained of burning sensation

Man Number Name birth date 12.08
 Jaundice yes X NO Year started 1950

Year 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66
 Exposure TWA 340 170 50 170 50 50 50 50 50 50 50 45 30 80 45 25 X
 TOJ

Month		5	3	7	9	5	
Date of Exam		1946	1954	1958	1961	1965	1959
code							
1	Weight	170	183	177	164	174	X
2	Height	68	69	69	68	68	X
3	BP Sys	136	124	150	112	134	X
4	BP Dias	84	94	84	78	74	X
5	BSP		1.7			5.3	
6	Hemoglobin			X	X	14.0	
7	Hematocrit				46.0	50.0	X
8	Thymol Turbidity		2.1		3.5	3.7	
9	SGOT					28.0	
10	Prothrombin						X
11	B Protein					13.4	
12	Icterus Index						
13	Alk Phos						X

R&S 033708

[redacted] birth date Nov. 1909
 VCI + VCl₂ exposure in 1953 jaundice X year started 1948
 yes No

Year 49 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67
 Exposure TWA 140
 TOJ 6 7

DATE OF EXAM	7 1943	10P 1944	6 1958	8 1961	11 1965	1959
HT	148	143	167	171	154	X
WT	69	68.5	69	69.5	69.5	X
BP Sys	136	136	128	X	132	X
BP Dias	78	90	82	X	70	X
BSP					1.4	
Hemoglobin			X	15.4	15.1	
Hematocrit				X	52.0	X
Thymol Turbidity				X	3.0	
Prothrombin						X
SGOT					16.5	
B Protein					19.6	
Alk Phos						X

[REDACTED]

birth date June 1918

(no 5) Jaundice X
 yes no 47 48
 70 70

year started 1947

year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA	2	10	10	10	14	16	240	340	225	10	5	5	5	6	5	5	5	5	5	5
TOT	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21

DATE OF EXAM	12 1936	1 1941	12 1943	11P 1945	8 1958	10 1959	9 1961	12 1962	1966
Weight	150	140	139	145	163	167	165	178	<u>X</u>
Height	68	69	69	70	69	69	69	68	<u>X</u>
BP Sys	118	134	108	116	110	110	110	102	<u>X</u>
(Diast)	78	72	66	66	72	72	72	72	<u>X</u>
BP DIA	82	76	74	70	70	76	68	82	<u>X</u>
BSP					<u>X</u>		<u>X</u>		<u>X</u>
Hemoglobin									<u>X</u>
Hematocrit						40.0	48.0	47.0	<u>X</u>
Thymol Turbidity							<u>X</u>		<u>X</u>
Icterus Index								6.3	<u>X</u>
SGOT									<u>X</u>
Prothrombin						87.5			<u>X</u>
B Protein									<u>X</u>
Alk Phos						6.9			<u>X</u>

Autoanaly ser 1967	Tot bil 1.45	SGPT 9.5	Tot Prot. 6.7
1968			

Man Number Name birth date 13 03
 Jaundice yes X NO Year started 1953

Year 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66
 Exposure TWA 170 160 150 140 135 125 120 65 40 25 45 25 15 15
 TOJ

R&S 033711

		Month	10 th	3	8	10	8	9	
Date of Exam			1945	1954	1958	1959	1961	1965	
code									
1	Weight		139	140	151	154	148	161	
2	Height		68	68	68	68	68	68	
3	BP Sys		116	114	140	132	128	134	
4	BP Dias		66	72	88	88	72	90	
5	BSP			.7*		X		4.8	
6	Hemoglobin				12.5		14.4	12.9	
7	Hematocrit					41.0	46.0	45.0	
8	Thymol Turbidity			.5			.9	1.3	
9	SGOT							8.0	
10	Prothrombin					83.6			
11	β Protein							13.9	
12	Icterus Index								
13	Alk Phos					7.4			

* only 6.6 ml dye used

[REDACTED]

birth date Jan, 1922
yr started 1943

(Deceased) jaundice — X

43 44 45 46 47 48
5 5 5 5 5 5
yes No

Year	49	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67
Exposure TWA	5	5	5	5	5	5	300	285	185	150	120	105	65	40	5	5	5	5	5	5
TDD	7																			

DATE OF EXAM	4 P 1 3 1942	1946	8 1958	10 1959	1961	1966
WT	153	145	200	195	X	X
HT	72	72	72	72	X	X
BP Sys	128	122	136	138	X	X
BP Dia	90	84	82	88	X	X
BSP			4.5			X
Hemoglobin			15.9		X	X
Hematocrit				45.0	X	X
Thymol Turbidity			7.6		X	X
Prothrombin				105.6		
SGOT			230			X
B Protein						X
Alk Phos				9.4 RA		

R&S 033712

25

Health Inv. missing ~~no~~ jaundice

birth date Feb. 1722

year started 1753

year	44	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA																					
TOJ																					
Date of Exam	1 P 1947	9 1949	7 1958	10 1959	8 1961	12 1966															
Weight	185	178	187	190	192	194															
Height	72	73	73	73	73	72															
BP Sys	122	110	122	115	128	112															
(e. l. a.)	84	72	72	72	72	68															
BP Dias	80	84	86	78	82	70															
BSP						1.6															
Hemoglobin			X			14.0															
Hematocrit					37.0	X															
Thymol turbidity						X															
Icterus Index						7.9															
SGOT						28.0															
Prothrombin					83.4																
β Protein						X															
Alk Phos					5.4 RA																

R&S 033713

no jaundice

birth date July 1935
year started 1956

Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67
Exposure TWA																			
TOJ																			
Date of Exam	9P 1955	1956	12 1957	6 1961	12 1966														
Weight	140	143	156	152	<u>160</u>	X													
Height	72	72	72	72	<u>72</u>	X													
BP Sys	126	130	126	<u>128</u>	<u>122</u>	X													
(Diast)	72	78																	
BP dias	80	80	80	<u>76</u>	<u>80</u>	X													
BSP																			
Hemoglobin																			
Hematocrit																			
Prothrombin																			
Icterus Index																			
Thymol turbidity																			
SGOT																			
ALK Phos																			

2 exams missing

Man Number

Name

birth date 0706

30

Jaundice yes X no

Year started 1952

Year 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66
Exposure TWA 20 30 60 60 60 55 55 60 70 75 85 90 100 105 35
TOJ

		Month	3 P	8	12	7	12	
Date of Exam			1951	1958	1959	1961	1965	1967
code								
1	Weight		144	153	150	156	157	
2	Height		67	67	67	66	66	
3	BP Sys		112	130	120	118	124	
4	BP Dias		70	80	80	72	88	
5	BSP						3.8	
6	Hemoglobin			13.2		13.9	15.5	
7	Hematocrit				35.0	45.0	48.0	
8	Thymal Turbidity					.9	1.5	
9	SGOT						17.0	
10	Prothrombin				104.0			
11	B Protein						18.0	
12	Icterus Index							
13	Alk Phos				7.2			

R&S 033716

1960-7

1008

31

birth date. Aug 1913

no jaundice X
yes no

Year Started 1946

46 47 48 49
65 65 65 65

Year	47	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65	65
TOJ	8	9	10	11																	

Date of Exam	47 1949	49 1951	51 1953	53 1955	55 1957	57 1959	59 1961	61 1963	63 1965	65 1967
Weight	170	175	169	166					167	
Height	64	65	64	64 1/2					65	
BP Sys	146	130	110	115					128	
BP Dias	74	78	78	68					88	
BSP									3.5	
Hemoglobin		X		14.0					14.7	
Hematocrit			40.0	43.0					41.0	
Thymal Turbidity				1.2					2.0	
SGOT									13.0	
Prothrombin			106.0							
B Protein									13.4	
Alk Phos			7.2 KA							

R&S 033717

jaundice X
yes no

birth date Sept. 1936
year started 1951
175 775

Exposure	Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
TWA																					
TOJ																					
Date of Exam	SP	7	10	9	9																
	1945	1958	1959	1961	1965																
Weight	164	152	161	162	173																
Height	66	66	66	66	67																
BP Sys	148	140	160	138	160																
(pulse)	72	72	72	70																	
BP Dias	88	80	86	82	95																
BSP					2.6																
Hemoglobin		13.8		X	X																
Hematocrit			37.0	42.5	43.5																
Thymol Turbidity				X	3.0																
SGOT Enzyme Index					28.0																
Prothrombin			101.0																		
B Protein					10.7																
Alk Phos			6.5																		

jaundice X
yes No

birth date Oct 1916
yr started 1952

Exposure	Year	49	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
TWA						140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140	140
TOT						2	3															
Date of Exam	4P	6	12	9																		
	1951	1961	1966	1958	1951																	
Weight	162	156	182	179	X																	
Height	66	66	66	66	X																	
BP Sys	132	148	128	135	X																	
(Pulse)	74																					
BP Dias	82	84	82	80	X																	
BSP																						
Hemoglobin		14.0	16.1	14.7																		
Hematocrit		46.0	47.5																			
Prothrombin					X																	
SGOT Index			13.0																			
Icterus Index			5.8																			
Thymol Turbidity		.5	.2																			
β Prot.																						
Alk Phos SGOT					X																	

Allergic to some drugs

R&S 033719

10-1958 SGOT 19

no exams (all missing)

~~_____~~

birth date Sept 1928
year started 1953

no jaundice

5 210

year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA						5	5	5	6	10	10	60	70	85	90	100	105	35	35	
TOJ						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

Date of Exam	4P 1953	1 1958	12 1959	7 1961	11 1966	
Weight	139	142	143	146	158	
Height	68	67	67	68	68	
BP Sys	124	120	122	128	132	
(Pulse)	76		72	80	80	
BP Dias	74	73	78	80	84	
BSP					2.2	
Hemoglobin		X		15.2	16.3	
Hematocrit			37.0	47.0	50.5	
Thymol turbidity				2.0	1.1	
SGOT					33.0	
Icterus Index					5.8	
Prothrombin			78.7			
B Protein					18.3	
ALK Phas			X			

35

SUBJECT

no jaundice

birth date Dec 1914
yr started 1946

CE NO. SHEET

46 47 48
5 5 5

Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA	3	5	5	5	250	5	250	240	5	5	5	0	0	D						
TOJ	3																			

Date of Exam	1921	1945	1958	1959	1961	1965														
Weight	132	156	142	145																
Height	64	66	66	65 1/2																
BP Sys	112	140	144	128																
BP Dias	74	98	94	88																
BSP																				
Hemoglobin			X	38.0																
Hematocrit																				
Thymal Turbidity																				
SGOT																				
Prathrombin				84.8																
B Protein																				
Alk Phos				8.7 KA																

R&S 033721

3-5-64
D58
(17)

no jaundice

birth date May 1920
year started 1952

Year 49 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68
Exposure TWA 65 65 65 65 60 60 55 50 45 40 40 35 35 30
TOJ 2 3

Date of Exam	1945	1952	1958	1959	1961	1965
Weight	169	170	161	168	170	167
Height	70	70	70	70 1/2	71	70 1/2
BP Sys	114	122	132	122	108	130
BP Dias	72	74	82	72	72	72
BSP			1.8			1.4
Hemoglobin			14.9		13.3	14.0
Hematocrit				39.0	43.0	45.0
Thymal Turbidity			3.0		1.7	3.0
SGOT						28.0
Prothrombin				99.8		
B Protein						14.3
Alk Phos				6.2		

R&S 033722

jaundice yes ~~no~~

33
birth date Feb, 1929
year started 1952

Year	47	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA					60	60	60	60	60	60	55	50	50	45	40	40	35	30			
TOJ						2	3	4													
Date of Exam	7P 1951	1 1960	5 1961				157 1958		12 1966												
Weight	141	160	162				157		160												
Height	67	67	67				67		68												
BP Sys	98	120	124				120		110												
BP Dias	74	98	78				70		70												
BSP									1.8												
Hemoglobin			14.0				X		14.2												
Hematocrit		33.0	42.0						42.5												
Thymol Turbidity			1.5						2.3												
SGOT									23.0												
Prothrombin		106.0																			
B Protein									14.1												
Icterus Index									6.7												
Alk Phos		3.4																			

R&S 033723

35

no jaundice

birth date Mar 1906
year started 1953

Year	49	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA						25	25	25	25	25	25	25	60	70	75	55	90	100	105	35	
TOJ							1	2	3	4	5	6									
Date of Exam	10 ^A 1950	7 1958	11 1959	6 1961	12 1966	12 1965															
Weight	141	152	147	152	158	150															
Height	69	68	68	69	69	69															
BP Sys	112	140	110	152	150	145															
Pulse)	74	82	72	72	68																
BP Dias	70	88	72	85	90	95															
BSP						1.8															
Hemoglobin		X		14.0	14.7																
Hematocrit			39.0	45.0	44.0	48.0															
Thymol turbidity				2.2	4.5																
SGOT Inter as Titer					17.0																
Prothrombin			98.2																		
B Protein					14.4																
Alk Phos					7.6																

R&S 033724

39

~~no jaundice~~

birth date Nov. 1926
 year started 1956

	Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure	TWA								25	25	55	50	70	25	85	90	100	35	30		
	TOJ								1	2	3	4	5	6	7	8	9	10	11		
Date of Exam		1944	1944	1954	1959	1965	1958	1961													
Weight		133	125	151	162	162	X	160													
Height		66	65	66	65	66	X	66													
BP Sys		108	122	118	118	126	X	126													
BP Dias		79	80	86	78	82	X	80													
BP Dias		87	80	70	78	82	X	80													
BS P						2.2															
Hemoglobin						13.7	X	15.8													
Hematocrit					37.0	47.0		X													
Thymol Turbidity						1.3		X													
SGOT Ecterus Index						14.0															
Prothrombin Time					104.0	71.7															
B Protein						13.4															
Alk Phos					4.1																

build medium

R&S 033725

40

no jaundice

birth date Mar 1925
year started 1949

Year	49	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA	10	330	185	10	10	10	10	10	10	10	10	0	0	0	0	0	0	0	0	0	0
TOJ	1	2	3																		
Date of Exam	5 P 1946	8 1958	11 1959	1 1960																	
Weight	164	186	191	202																	
Height	69	69	70	70																	
B P Sys	122	110	115	130																	
(Pulse)	88	88	88	88																	
B P Dias	70	70	78	76																	
AS P																					
Hemoglobin		15.8		X																	
Hematocrit			44.0	50.0																	
Thymol Turbidity				1.9																	
SGOT Factor Index																					
Prothrombin			97.1																		
P Protein			7.8																		
Alk Phos			2.8																		

R&S 033726

41

Man Number

Name

birth date 2009

Jaundice

yes ☒ no

Year started 1953

Year
Exposure TWA
TOJ

49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66
25 25 60 60 60 55 50 50 45 40 40 35 35 30

Date of Exam code	Month	7 ^P	7	1	5	8	
		1950	1951	1958	1960	1961	1965
1	Weight	161		118	171	174	174
2	Height	67		66	66	66	66
3	BP Sys	124		122	112	122	114
4	BP Dias	70		78	78	88	78
5	BSP			2.5			3.5
6	Hemoglobin			15.4		14.2	X
7	Hematocrit				45.0	45.0	48.0
8	Thymal Turbidity					.4	1.0
9	SGOT						12.0
10	Prothrombin				106.7		
11	B Protein						15.3
12	Icterus Index						
13	Alk Phos				6.1		

R&S 033727

~~_____~~ birthDate Oct, 1931
jaundice yes ~~X~~ No year started 1953

	year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure	TWA	X	X	X	X	S	S	34	22	S	S	S	0	0	0	0	0	0	0	0	0
	TOJ	1	2	0	0	0	1	2	3	4	5	6	7	8	9	10	11	12	13		
DATE OF EXAM		6P 1950	8 1950	10 1951			6 1961														
Weight		163	175	179	176		X														
Height		70	70	70	70		X														
BP Sys		124	105	110	105		X														
BP DIAS		78	70	76	62		X														
BSP							X														
Hemoglobin			X				13.0	X													
Hematocrit					38.0	X	X														
V.C. (Obs Exp)																					
Thymol Turbidity							X	X													
SGOT Tetraz Index								X													
Prothrombin					96.8																
B Protein																					
Alk Phos					6.0																

R&S 033728

	Tot bil	SGPT	Tot Prot
Autoanalyser 1967			
1968			

43

no jaundice

birth date Mar 1922
yr started 1953

Year	47	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA						25	25	60	60	60	55	50	50	45	40	40	35	35	30		
TOJ						1	2														
Date of Exam	1P 1953	1955		7 1958		10 1959		5 1961		8 1965											
Weight	146	137		136		140		145		149											
Height	65	65		66 1/2		66 1/2		66 1/2		66 1/2											
BP Sys	116	130		117		126		128		134											
BP Dias	70	80		70		82		72		78											
BSP				5.2						unsat											
Hemoglobin				14.4				14.2		14.2											
Hematocrit						40.0		45.0		48.0											
Thymal Turbidity				1.0				1.2		1.0											
SGOT										16.0											
Prothrombin						92.0															
B Protein										13.2											
Alk Phos						X															

R&S 033729

no jaundice

birth date July 1924
year started 1954

Year | 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68
 Exposure TWA | 25 20 13 10 55 50 50 45 40 70 35 35 30
 TOJ | 2 3

Date of Exam	4 P 1951	7 1958	12 1959	6 1961	9 1965
Weight	150	155	153	159	163
Height	65 3/4	69	69	69	69
BP Sys	126	130	126	150	120
BP Dias	82	80	82	84	80
BSP		.7			3.0
Hemoglobin		15.4		14.4	X
Hematocrit			39.0	48.0	48.0
Thymol Turbidity		1.1		.6	1.0
SGOT					21.0
Prothrombin			105.5		
B Protein					12.6
Alk Phos			7.2		

R&S 033730

1965

45

no jaundicebirth date Mar 1908
yr started 1952

Year	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA					60	60	60	60	60	65	65	65	65	65	65	45	40	40	35	35	R
TOT						2	3	4													
Date of Exam	6 P 1951	7 1951	11 1959	5 1961																	
Weight	136	135	155	160	X																
Height	66	66	66	66	X																
BP Sys	124	136	122	132	X																
BP Dias	78	90	72	78	X																
BSP					X																
Hemoglobin		X		13.0	X																
Hematocrit			33.0	38.0	X																
Thymol Turbidity				1.3	X																
SGOT					X																
Prothrombin			107.3																		
B Protein					X																
Alk Phos			12.5 RA																		

R&S 033731

46

~~_____~~ ~~_____~~

no jaundice

birth date Feb. 1925
year started 1954

Year	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	
Exposure TWA TOJ	25 25 60 60 55 50 50 45 40 40 35 35 30																					
Date of Exam	10 P 1950	1 1960	5 1961	1958							7 1965	12 1969										
Weight	145	147	149	X							145	151										
Height	67 1/2	68	68	X							67 1/2	67 1/2										
BP Sys	110	105	128	X							100	108										
BP Dias	80	72	78	X							70	78										
B S P		X									2.4											
Hemoglobin			14.4	X							X											
Hematocrit		42.0	44.0								49.0	46.5										
Thymol Turbidity			1.5								3.4											
SGOT											21.0											
Prothrombin		97.8																				
B. Protein											X											
Alk Phos		7.5																				

R&S 033732

R&S 033732

47

jaundice X
yes No

birth date Feb 1916
year started 1951

Year 49 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68
Exposure TWA 185 10 10 10 10 10 150 95 15 15 10 10 5 5 5 5 5
TOJ

Date of Exam	9P 1946	12 1955	6 1955	10 1957	9 1961	11 1965	11 1967	1954
Weight	132	136	156	153	152	158	153	
Height	68	68	68	67	67	68	67	
BP Sys	130	122	125	125	122	125	90	
(Pulse)	72	76			82		70	
BP Dias	80	72	55	70	78	84	70	
BS P						1.0		
Hemoglobin			X		X	14.3		
Hematocrit				37.0	42.0	47.0	47.0	
Thymol Turbidity					X	1.9	1.9	
SGOT						18.0	18.0	
Icterus Index							9.5	
Prothrombin				96.8				
B Protein						13.4	13.4	
Alk Phos				6.4 KA				

Auto analyser 1967	Tst B.I.	SGPT	Tst Prost.
1965	90	6.8	6.8

R&S 033733

4/8

no jaundice

birth date May 1917
year started 1951

year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA	5	5	5	5	5	140	135	130	55	10	10	10	10	10	10	13	15	15	15	
TOJ	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			
Date of Exam	1942	1951	1958	1959	1961															
weight	140	150	157	158	159															
Height	64	65	65	65	65															
BP Sys	134	126	124	140	136															
(Pulse)	72	84		72	82															
BP Dia	74	82	70	80	90															
BSP																				
Hemoglobin			X		15.0															
Hematocrit					41.0	45.0														
Thymol turbidity						26														
SGOT Ectopic Index																				
Prothrombin					103.0															
B Protein																				
Alk Phos					8.6 RA															

R&S 033734

Man Number Name birth date 16 09
 Jaundice yes X NO Year started 1958

Year 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66
 Exposure TWA 25 25 25 25 85 90 100 105 75
 TOJ

Month		10P	11	8	12	
Date of Exam		1955	1956	1959	1961	1965
code						
1	Weight	131		126	130	132
2	Height	67		66	67	68
3	BP Sys	120		110	124	110
4	BP Dias	85		78	74	70
5	BSP					X
6	Hemoglobin				14.4	14.5
7	Hematocrit			46.0	44.5	48.0
8	Thymol Turbidity				X	.6
9	SGOT					22.0
10	Prothrombin			85.5		
11	B Protein					10.3
12	Icterus Index					
13	Alk Phos			8.7		

(heart surgery) (1967 burn accident)

no jaundice

birth date. May 1937
yr started 1955

Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA							25	25	55	55	25	50	0	0	40	35	35	30		
TOJ																				

Date of Exam	10P 1955	15 1957	7 1958	11 1959	17 1961	1964	2 1967
Weight	134	144	138	142	X	X	175
Height	68 1/2	69	68 3/4	69 1/2	X	X	68 1/2
BP Sys	116	132	120	130	X	X	136
BP Dias	70	70	85	72	X	X	80
BSP						X	
Hemoglobin			X		X	X	
Hematocrit				38.0	X	X	44.0
Thymol Turbidity					X	X	
SGPT						X	
Prothrombin				94.7			
B Protein						X	
Alk Phos				6.0			

R&S 033736

Auto analyser Alk Phos 12.0
SGPT 3.5

9

51

[REDACTED]

no jaundice

birth date July 1920
year started 1951

Year	47	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA																					
TDJ																					

Date of Exam	4P 1951	7 1958	8 1961	1959		12 1965	
Weight	120	120	116	X		118	
Height	67 1/2	67 1/2	67 1/2	X		68	
BP Sys	132	140	120	X		118	
BP Dias	80	90	80	X		74	
BSP						1.4	
Hemoglobin		X	13.4			13.9	
Hematocrit			41.0	X		43.0	
Thymol Turbidity			1.7			1.0	
SGOT						25.0	
Prothrombin				X			
B Protein						10.5	
Alk Phos				X			

VCI exposure 7, 1965

R&S 033737

5-1-558
(7)

Man Number Name birth date 16 05
 Jaundice yes X no Year started 1956

Year 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66
 Exposure TWA 25 55 25 50 50 45 40 40 35 35 30
 TOJ

Month		11P	7	10	6	9		
Date of Exam		1954	1958	1959	1961	1965		
code								
1	Weight	178	187	187	183	165		
2	Height	66	67	67	67	66		
3	BP Sys	122	142	142	130	128		
4	BP Dias	74	92	90	90	84		
5	BSP					2.2		
6	Hemoglobin		X		14.6	X		
7	Hematocrit			39.5	45.0	48.5		
8	Thymol Turbidity				.8	1.3		
9	SGOT					25.4		
10	Prothrombin			93.5				
11	B Protein					13.6		
12	Icterus Index							
13	Alk Phos			5.4				

53

no jaundice

birth date May 1933
year started 1955

Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA TOJ	45	60	60	55	50	50	45	40	40	35	35	30								
Date of Exam	9P 1955	6 1958	11 1959	5 1961							9 1965	12 1968								
Weight	165	140	177	182							179									
Height	72	71 1/2	71 1/2	71							72									
BP Sys	132	120	140	X							132									
BP Dias	80	80	82	X							88									
BSP		0.0									0.0									
Hemoglobin		14.1		15.4							13.3									
Hematocrit			41.0	45.0							44.0									
Thymal Turbidity		nan		1.02							6.0									
SGOT											38.0									
Prothrombin			99.4																	
B Protein											14.1									
Alk Phos			7.6 KA																	

R&S 033739

no jaundice

birth date July 1936
year started 1956

Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66
Exposure TWA TOJ								25	60	25	50	50	75	40	40	35	35	30
Date of Exam	12 ^P 1955	7 1958	5 1959	3 1960				1961		8 1965								
Weight	152	159	161	171				X		176								
Height	66 3/4	68	67	68				X		69								
BP Sys	116	120	110	120				X		112								
BP Dias	72	80	70	70						78								
BSP		4.0								1.0								
Hemoglobin		15.8						X		X								
Hematocrit			X					X		47.0								
Thymol Turbidity		1.1						X		1.3								
SGOT										13.0								
Prothrombin			X															
B Protein										14.5								
Icterus Index										10.8								
Alk Phos			X															

R&S 033740

~~_____~~ ~~_____~~

birth date Nov 1936

no jaundice

year started 1957

Year	47	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA																					
TOJ																					

25 25 50 50 45 40 40 35 35 30

Date of Exam	10P 1955	3 1959	2, 1962	1958		10 1965	2 1968	
Weight	154	163	158	X		155	166	X
Height	67	67	67	X		67 1/2	68	/
BP Sys	125	136	126	X		120	123	
BP Dias	80	82	72	X		64	78	
BSP						1.8		
Hemoglobin			X	X		14.5		
Hematocrit		X	X			45.0		
Thymol Turbidity			X			1.3		
SGOT						22.0		
Prothrombin		X						
B Protein						13.6		
Alk Phos		X						

R&S 033741

56

~~_____~~ ~~_____~~

no jaundice

birth date Nov 1926
year started 1958

Year	49	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA																					
TOJ																					
Date of Exam	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962
Weight	152	158	161	167	172	178	182	181	186	189	191	193	195	197	199	201	203	205	207	209	211
Height	67 1/2	68 1/2	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69	69
BP Sys	120	120	124	122	140	136	144	152	152	152	152	152	152	152	152	152	152	152	152	152	152
BP Dias	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82	82
BSP																					
Hemoglobin																					
Hematocrit																					
Thymol Turbidity																					
SGOT																					
Prothrombin																					
B Protein																					
Alk Phos																					

R&S 033742

~~_____~~

birth date Sept, 1910
year started 1952

jaundice yes ~~No~~

Exposure	year	TWA	TOJ	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
				X	X	X	10	5	5	5	25	5	5	5	5	5	5	5	5	5	5	5	5
				0	2	3	4	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
DATE OF EXAM				10P	7	8	8	8	9	✓	4												
				1950	1955	1959	1961	1965	1967														
Weight				139	139	141	139	147	155														
Height				75	75	75	75	74 1/2	75														
BP sys				136	130	126	140	142	150														
BP DIAS				90	80	86	86	90	92														
BSP						X		2.8															
Hemoglobin				X			13.0	X															
Hematocrit						41.0	41.5	53.0															
WBC (WBC Exp)				7.2	7.5	7.6																	
Thymol Turbidity							X	1.0															
SGOT Icterus Index								21.5															
Prothrombin						87.3																	
B Protein						6.0		13.6															
Alk Phos																							

	Tot bil	SGPT	Tot Prot.
Autoanalyser. 1967			
1968			

1963

58

Jaundice

yes ~~no~~

birth date Jan 1904

yr started 1953

Year	44	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA							5	5	5	5	150	95	55	55	0	0	0	0	R		
TOJ																					
Date of Exam	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947	1947
Weight	198	201	221	220	X																
HT	72	71	71	X																	
BP Sys	136	140	108	X																	
BP Dias	90	72	64	X																	
BSP																					
Hemoglobin				X	X																
Hematocrit			38.0	X	X																
Thymol Turbid					X																
Prothrombin			108.9																		
SGOT																					
B Protein																					
Alk Phos			5.1 RA																		

R&S 033744

~~no jaundice~~

birthdate May 1935
year started 1957

Exposure	Year		Year																			
	TWA		48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67
TOJ																						
Date of Exam		1956	1960	1958	1961																	
WT		182	178	X	Y																	
HT		67	66	X	Y																	
BP Sys		146	145	X	X																	
BP Dias		92	88	X	X																	
BS P																						
Hemoglobin				X	X																	
Hematocrit			X		X																	
Thymol Turbidity					X																	
SGOT																						
Prothrombin			X																			
B Protein																						
ALK Phos			X																			

R&S 033745

(history of jaundice)

jaundice ~~yes~~ no

birth date Oct 1925
 1963 (several heavy acute exposures) (poss. alcoholic)
 yr started 1956

Year	49	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA									25	60	25	50	50	45	40	210	100	35	30		
TOJ																					
Date of Exam	7 1950	9 1951	10P 1953	7 1961	12 1959	9 1958	1966														
Weight	161	161	160	172	168	165	X														
Height	70	70	70	69	69	70	X														
BP Sys	126	105	110	120	108	110	X														
(Pulse)	80	82	78																		
BP Dias	82	50	70	82	68	64	X														
BSP							X														
Hemoglobin				15.4		15.4	X														
Hematocrit				45.0	40.0		X														
Thymol turbidity				1.6			X														
SGOT AST ALT							X														
Prothrombin					97.7		X														
B Protein							X														
Alk Phos					4.7																

no jaundice

birth date Sept. 930
yr started 1946

	Year	44	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure	TWA	50	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
	TOJ	3	4	5	4																	
Date of Exam		7P 1945	4 1953	10 1958	6 1962																	
Weight		177	205	200	204	X																
Height		70 1/2	71 1/2	71	71	X																
BP Sys		118	128	134	130	X																
BP Dias		84	84	82	80	X																
B.S.P.																						
Hemoglobin				14.0																		
Hematocrit																						
Thymol Turbidity			2.6																			
SGOT																						
Prothrombin																						
B. Protein																						
Alk Phos																						

[REDACTED]

birth date Sept 1927
year started 1954

Taunlice yes X
no

year	24	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure	TWA						60	60	60	60	10	10	10	10	10	10	10	15	15	15	
	TOS						1	2	3	4	5	6	7	8	9	10	11	12	13	14	

DATE OF EXAM	4 1946	5P 1951	8 1958	11 1959	12 1966	1961
Weight	136	125	144	143	159	X
Height	64	65	65	64	64	X
BP Sys	126	118	120	118	122	X
(Pulse)	97	86		84	81	
BP Dias	82	80	84	82	84	X
BSP					3.8	
Hemoglobin			15.4		16.3	X
Hematocrit				45.0	51.0	X
Thymol Turbidity					2.0	X
SGOT					31.0	
Icterus Index					8.2	
Prothrombin				98.7		
B Protein					11.9	
Alk Phos				8.2		

1966

63

jaundice ~~yes~~ Nobirth date Aug 1920
yr started 1957

Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA TOJ										25	25	60	70	75	85	90	100	105	35	30
Date of Exam	1952	1956	1959	1959	1958			1959	1961											
WT	169	174	159	159	165			167	164											
HT	71	71	70	70	71			71	71											
BP Sys	120	122	122	122	130			132	158											
BP Dia.	85	68	70	70	76			80	82											
BSP																				
Hemoglobin																				
Hematocrit								40.0												
Thymol Turbidity																				
Prothrombin								103.0												
SGOT																				
β Protein																				
Alk Phos																				
								7.5												

R&S 033749

64

no jaundice

birth date Dec 1932
year started 1958

Year Exposure TWA TOJ	49	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
											25	25	25	45	40	40	35	35	33		
Date of Exam	6P 1956	2 1957	7 1958	6 1959	5 1960	12 1966															
Weight	132	144	135	127	133	141															
Height	65 1/2	66 1/2	66	66	66	66															
BP Sys	132	124	128	124	120	118															
BP Dias	80	76	80	74	74	78															
BSP						2.2															
Hemoglobin			X		15.4	15.5															
Hematocrit				X	48.0	45.5															
Thymol Turbidity					1.3	.6															
SGOT						26.0															
Prothrombin				X																	
B Protein						18.8															
Icterus Index						5.6															
Alk. Phos				X																	

R&S 033750

65

[REDACTED]

birth date. May 1918
year started 1953

is, and ice

Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA						25	25	25	25	25	25	25	0	0	15	10	10	10	0	
TOJ																				
Date of Exam	2P 1951	7 1958	10 1959									5 1965					11 1967			
Weight	162	158	157	X								171					164			
Height	72	72	72	X								72					72			
BP Sys	132	112	110	X								120					110			
BP Dias	84	65	70	X								80					88			
BSP												2.6								
Hemoglobin		X					X					14.5								
Hematocrit					37.0		X					49.0					47.0			
Thymal Turbidity							X					2.3								
SGOT												19.0								
Prothrombin					81.3															
B Protein												16.1								
Alk Phos					6.2 KA															

R&S 033751

29

no jaundice

66
 Sept 1929
 birth date Sept 1929
 year started 1959

Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA T.O.J												25	25	25	40	40	35	35	30	
Date of Exam	3P 1951	11 1959				1961				11 1965	12 1966									
Weight	161	162				X				161	171									
Height	70	70				X				70	70 1/2									
BP Sys	122	122				X				132	120									
BP Dias	70	72				X				76	78									
BSP										2.2										
Hemoglobin						X				X										
Hematocrit		39.5				X				47.0										
Thymol Turbidity						X				1.3										
SGOT										17.0										
Prothrombin		92.4																		
B Protein										13.3										
Alk Phos		7.7 KA																		

R&S 033752

Man Number Name birth date 1712
 Jaundice yes X no Year started 1954

Year 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66
 Exposure TWA 0 0 0 0 0 0 0 0 45 40 40 35 35 30
 TOJ 1

Date of Exam code	Month	12 ^P	1	5	5	8		
		1945	1958	1959	1961	1965		
1	Weight	175	163	X	165	160		
2	Height	70	70	X	69	70		
3	BP Sys	132	120	X	120	110		
4	BP Dias	80	80	X	82	83		
5	BSP					2.2		
6	Hemoglobin		X		13.4	X		
7	Hematocrit			X	41.0	50.0		
8	Thymol Turbidity				1.1	2.0		
9	SGOT					14.0		
10	Prothrombin			X				
11	B Protein					17.1		
12	Icterus Index							
13	Alk Phos			X				

68

no jaundice

birth date Oct 1930
year started 1950

Year	47	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA TOJ			10	10	60	60	10	10	5	5	5	5	5	5	5	5	5	0	0	0	
Date of Exam	9P 1950	9 1958	1 1960	7 1961							11 1965	1954									
Weight	153	154	166	167							166										
Height	70	70 1/2	70 1/2	70 1/2							71										
BP Sys	96	130	124	125							122										
BP Dias	66	70	74	76							70										
BSP											1.8										
Hemoglobin		15.8		14.0							15.1										
Hematocrit			39.0	43.0							45.0										
Thymol Turbidity				5.3							5.6										
SGOT											19.0										
Prothrombin			10.0																		
B Protein											12.8										
Alk Phos			5.4	5.4																	

R&S 033754

20

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birth Date Apr., 1916
year start-d 1956

jaundice X
yes No

Exposure	year TWA TOJ	49	50	51	52	53	54	55	60	65	66	67	68
		25	25	25	25	25	70	25	40	35	35	30	
		3	4	5	6	7	9	9	10	11	12	13	
DATE OF EXAM		1942	1945	1953	1956	1957	1959	1961	1954	1961			
weight		177	165	180	181	182	186	182	X	X			
Height		67"	66"	67"	67"	67"	66	67	X	X			
BP Sys		135	132	142	146	140	142	142	X	X			
BP DIA		80	92	90	92	90	86	88	X	X			
BSP													
Hemoglobin									14.9	X	X		
Hematocrit									43.0				
SGOT W.C. (Exp 2b)												X	
T₁ T₂ T₃													
Alk Phos.								7.1					
Thymol Turbidity									0.6		X		
B Protein											X		
Prothrombin Time								97.6					
Autoanalyser		Tot bil		SGPT		Tst Prot							
1967													
1968													

R&S 033756

51

Man Number Name birth date 31 07
Jaundice yes X no Year started 1962

Year 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66
Exposure TWA 10 90 10 25 15
TOJ

		Month	5P					10	
Date of Exam			1962	195	1958	19	1961	1965	1967
code									
1	Weight		138					142	
2	Height		68					66	
3	BP Sys		150					146	
4	BP Dias		90					82	
5	BSP							4.4	
6	Hemoglobin							15.7	
7	Hematocrit							46.0	
8	Thymal Turbidity							1.0	
9	SGOT							22.0	
10	Prothrombin								
11	B Protein							15.5	
12	Icterus Index								
13	Alk Phos								

R&S 033757

no jaundice

birth date Jun, 1917
yr. started 1956

Year	48	49	50	55	56	60	65	66	67	68
Exposure TWA				55	10	10	60	10	10	40
TSS				1	2	3	4	5	6	7
Date of Exam	3P 1956	6 1959	1 1960	8 1961						
Weight	141	142	141	144	X	X				
Height	69	69	68	69	X	X				
BP Sys	110	106	108	X	X	X				
(Diast)	72	72	70							
BP Dias	70	66	72	X	X	X				
BSP							X	X		
Hemoglobin				15.3	X	X				
Hematocrit			41.0	46.0						
Thyroid Turbidity				X			X			
SGOT Index							X			
Prothrombin			102.3							
B Protein							X			
ALK Phos			8.5 KA							

R&S 033758

72

[REDACTED]

birth date Apr. 1921
year started 1953

(Jaundice 1953) jaundice X
yes no

year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA						5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOJ						1	2	3	4	5	6	7	8	9	10	11	12	13	14	15

DATE OF EXAM	8P 1951	12 1959	9 1961	1951	1966
Weight	160	195	193	X	X
Height	66	66	66	X	X
BP Sys	100	148	146	X	X
(pulse)	72	52	58		
BP DIAS	72	98	96	X	X
BSP					X
Hemoglobin			15.3	X	X
Hematocrit		39.0	46.0		X
Thymol turbidity			X		X
SGOT Index					X
Prothrombin		93.5			
β Prot.					X
Alk Phos		13.5 ^{kt}			

Autoanalyse	1967	Tot Bil	SGPT	Tot Prot
	1969			

R&S 033759

~~no jaundice~~

birth date Nov 1933
yr. started 1958

Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA																				
TOJ																				

Date of Exam	9P 1955	13 1955	11 1957	6 1961	1966			
Weight	189	204	206	202	X			
Height	71	71 1/2	71 1/2	72	X			
BP Sys	120	142	110	112	X			
BP Dias	76	92	70	68	X			
BSP					X			
Hemoglobin		15.1		15.3	X			
Hematocrit			40.0	48.0	X			
Thymol Turbidity			W	2	X			
SGOT					X			
Prothrombin			37.7					
B Protein					X			
Icterus Index								
Alk Phos			8.2					

R&S 033761

~~_____~~ ~~_____~~

no jaundice

birth date. Mar 1937
year started 1957

Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA TOJ								25	25	25	45	40	40	35	25	25				
Date of Exam	5P 1956	1957	7 1961	12 1966	10 1958	10 1959														
Weight	169	170	180	187	X	X														
Height	71	70	72	72	X	X														
BP Sys	132	130	130	104	X	X														
BP Dias	78	78	80	80	X	X														
BSP				2.8																
Hemoglobin			15.4	X	X															
Hematocrit			X	48.0		X														
Thymol Turbidity			1.3	3.2																
SGOT				24.0																
Prothrombin						X														
B Protein				15.7																
Icterus Index				8.2																
Alk Phos						X														

R&S 033762

no jaundice

birth date Aug 1937
yr started 1962

Year	49	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA T0J													X	X	X	10	10	35	35	30	30
Date of Exam	1955	1958	1											11	1765						
Weight	145	153												178							
Height	70	70												70 1/2							
BP Sys	110	120												125							
BP Dias	80	80												87							
BSP														unsat							
Hemoglobin														15.5							
Hematocrit														49.0							
Thymol Turbidity														3.7							
SGOT														16.0							
Prothrombin																					
B Protein														17.1							
Alk Phos																					

R&S 033763

Name [REDACTED] birth date 2607
 Jaundice X yes no Year started 1956

Year 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66
 Exposure TWA 10 60 5 5 5 5 5 5 0 0 0
 TOJ

		Month	1 P	9	1	6	12		
Date of Exam			1956	1958	1960	1961	1965		
code									
1	Weight		143	142	149	157	156		
2	Height		73	73	73	73	73		
3	BP Sys		126	100	138	123	128		
4	BP Dias		84	60	80	72	72		
5	BSP				X		4.6		
6	Hemoglobin			14.9		14.9	15.9		
7	Hematocrit				39.0	50.0	50.0		
8	Thymol Turbidity					1.0	2.7		
9	SGOT						18.0		
10	Prothrombin				98.3				
11	B Protein						9.5		
12	Icterus Index								
13	Alk Phos				5.3				

59

no jaundice

birth date sept 1924
yr started 1949

Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA	10	5	10	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOJ																				

Date of Exam	8 P 1946	7 1958	10 1959	9 1961	1966	11 1967
Weight	155	164	168	167	X	172
Height	65 1/2	69 1/2	68 1/2	69	X	68
BP Sys	144	120	132	124	X	104
BP Dias	92	84	82	80	X	82
BSP					X	
Hemoglobin		X		14.4	X	
Hematocrit			38.0	46.0	X	47.0
Thymol Turbidity				X	X	
SGOT					X	
Prothrombin			115.0			
B Protein					X	
Icterus Index						4.3
Alk Phos			5.7 RA			

R&S 033765

Auto analyser SGPT- 13.0
Alk Phos 7.00

Man Number Name birth date 17 11
 Jaundice yes X no Year started 1957

Year 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66
 Exposure TWA 5 0 0 50 10 10 10 15 15 30
 TOT

		Month	10P		2	5	10		
Date of Exam			1956	1958	1960	1961	1965		
1	Weight		180	X	189	192	197		
2	Height		71	X	71	71	71		
3	BP Sys		136	X	122	130	128		
4	BP Dias		84	X	72	80	88		
5	BSP				X		2.2		
6	Hemoglobin			X		X	13.1		
7	Hematocrit				X	X	48.5		
8	Thymol Turbidity					X	1.3		
9	SGOT						21.0		
10	Prothrombin				X				
11	B Protein						12.6		
12	Icterus Index				X				
13	Alk Phos								

[REDACTED]

birth date Apr. 1920
year started 1956

jaundice Yes ~~No~~

Exposure	year	TWA											
		JOB											
		49 50	55	60	65	66	67	68					
			5	6	5	5	0	0	0	0	0	0	0
			1	2	3	4	5	6	7	8	9	10	11
Date of Exam		1P 1956	S 1959	7 1958	1960	1961	1165						
Weight		155	158	160	X	X	X						
Height		73	73	72	X	X	X						
BP Sys		136	130	124	X	X	X						
Pulse		72		72									
BP Dia		74	84	64	X	X	X						
BSP							X						
Hemoglobin				X		X	X						
Hematocrit					X	X	X						
Icterus Icterus													
Thymol Turbidity						X							
SGOT							X						
Prothrombin					X								
B. Protein							X						
Alk Phos					X								

Autoanalyser 1967	Tot Bil	SGPT	Tot Prot
1968			

birth date Sept. 1932
year started 1959

	Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	
Exposure	TWA																					
	TOJ																					
Date of Exam		8 1961	12 1955	47 1959	W 1959	7 1961	11 1966															
Weight		121	142	142	138	137	144															
Height		69	71	71	71	71	72															
BP Sys		126	120	130	128	118	X															
(pulse)		82	78		12	72																
BP Dias		86	80	80	86	68	X															
BSP							2.2															
Hemoglobin						14.4	13.5															
Hematocrit					37.5	X	43.5															
Thymol turbidity						X	1.8															
SGOT							27.0															
Icterus Index							6.6															
Prothrombin					90.8																	
B Protein							11.7															
Alk Phos					6.2																	

R&S 033769

Jaundice Yes X
No

birth date July 1901
yr started 1949

Year 49 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68
Exposure TWA S S S S S S S S S S S S S S R R
TOD

Date of Exam	4P 1944	7 1958	10 1959	9 1961			
Weight	120	125	127	127			
Height	63	63	63	63			
BP Sys	112	138	128	116			
BP Dias	82	92	82	62			
BSP							
Hemoglobin		X		X			
Hematocrit			41.0	46.0			
Thymol Turbidity				X			
SGOT							
Prothrombin			94.0				
β Protein							
Alk Phos			9.5				

R&S 033770

85

no jaundice

birth date. Sept 1922
year started 1962

(1960 To Pres)

Year Exposure TWA TOJ

49 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68
10 10 10 10

Date of Exam	12 1952	7 1956	8 P 1960	2 1962	10 1962	9 1965	3 1967
Weight	153	147	159	158	148	150	176
Height	69	69	69	69	69	69	69
BP Sys	132	124	132	136	120	112	118
BP Dias	80	75	84	85	76	68	88
BSP						1.8	
Hemoglobin						X	
Hematocrit						48.0	47.5
Thymol Turbidity						1.3	
SGOT						22.0	
Prothrombin							
B. Protein						14.0	
Icterus Index							7.5
Alk Phos							

R&S 033771

no jaundice

birth date Aug 1925
year started 1950

Year	49	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5
TOJ																					
Date of Exam	CP 1950	1 1960	1958	1961	1966																
Weight	148	162	X	X	X																
Height	71	71	X	X	X																
BP Sys	122	120	X	X	X																
BP Dias	78	65	X	X	X																
BSP					X																
Hemoglobin			X	X	X																
Hematocrit		40.5		X	X																
Thymal Turbidity				X	X																
SGOT					X																
Prothrombin		95.3																			
B Protein					X																
Alk Phos		6.6 10.4																			

37

br. th. 1st May 1952
yr started 1952

Year	47	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15</
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no jaundice

birth date July 7/4
yr started 1952

Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA TOJ					5	5	5	0	0	0	5	0	10	0	5	5	5	5	5	5
Date of Exam	3 P 1951	3 1958	8 1961			1959	1966													
Weight	165	170	183			X	X													
Height	67	67 1/2	67 1/2			X	X													
BP Sys	136	130	150			X	X													
BP Dias	88	78	90			X	X													
B S P							X													
Hemoglobin		14.4	14.4				X													
Hematocrit			42.0			X	X													
Thymol Turbidity			X				X													
SGOT							X													
Prothrombin						X														
B Protein							X													
Alk Phos						X														

R&S 033774

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birth date Nov 1911
year started 1957

Exposure	Year	TWA													
	TWA	T.O.J.													
	T.O.J.	49	49	50	55	57	60			65	66	67	68		
					5	5	5	5	5	5	5	5	15	10	
					1	2	3	4	5	6	7	8	9	10	11
Date of Exam	3 P	6	1	11											
	1956	1959	1960	1961	1959	1961									
Weight	214	202	204	225	X	X									
Height	67	67	67	67	X	X									
BP sys	140	138	118	128	X	X									
BP Dia	90	90	74	88	X	X									
BSP				X		X									
Hemoglobin				X	X										
Hematocrit			40.0	X		X									
Thymol Turbidity			X	X											
SGOT Icterus Index				X											
Prothrombin			98.4												
B Protein			5.4	X											
ALK Phos															

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R&S 033775

		Tot Bil	SGPT	Tot Prot
Autoanalyser	1967			
	1968			

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birth date June 1933

no jaundice

year started 1959

Exposure	year TWA TOJ	49	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
														5	5	5	5	5	5	0	0	0
														1	2	3	4	5	6	7	8	9
DATE OF EXAM		5 ^P 1955	12 1959	9 1961	8 1965	10 1967																
Weight		173	173	181	175	181																
Height		67	67	67	67	67																
BP Sys		126	124	125	130	130																
Pulse		78	62			80																
BP Dias		76	62	70	80	88																
BS P					2.2																	
Hemoglobin				14.4	X																	
Hematocrit			34.0	43.5	45.0	44.5																
Thymol turbidity				X	1.3																	
SGOT trans fer					19.0																	
Prothrombin			10.0																			
B Protein					13.7																	
ALK Phos			7.3																			
		Tot Bil		SGPT		Tot Prot																
Autoanalyser 1967		.55		6.00		7.00																
1968																						

R&S 033776

91

[redacted] [redacted]

no jaundice

birth date Aug 1940
year started 1963

Year	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA																				
TOJ																				
Date of Exam		9 P 1963									1 1965	2 1967								
Weight		243									236	247								
Height		74									74	75								
BP Sys		140									124	136								
BP Dias		85									76	84								
BSP											2.6									
Hemoglobin											52.5									
Hematocrit											52.5	54.0								
Thymol Turbidity											1.3									
SGOT											17.0									
Prothrombin																				
B Protein																				
Alk Phos																				

Auto - SGPT 8.2
Alk Phos 7.2

R&S 033777

5-
BSP
(7)

-1964

STOCK FORM 2-4100
PRINTED IN U.S.A. 9-2-55

THE DOW CHEMICAL COMPANY

92

SUBJECT

Jaundice

X

birth date July 1909

yr started 1953

USE NO

SHEET

yes

no

BY

DATE

OF

Year	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA							5	5	5	5	5	5	5	5	5	5	5					
TOJ																						
Date of Exam	4 P 1943	7 1958	10 1959																			
Weight	128	139	134																			
Height	68	67 1/2	67 1/2																			
BP Sys	120	118	110																			
BP Dias	82	82	70																			
BSP																						
Hemoglobin		X																				
Hematocrit			37.0																			
Thymal Turbidity																						
SGOT																						
Prothrombin			87.8																			
B Protein																						
Alk Phos			7.1																			

R&S 033778

93

no jaundice

birth date Oct. 1934
year started 1960

Exposure	Year TWA TOJ	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
														5	0	5	5	5	5	5	5
														1	2	3	4	5	6	7	8
Date OF EXAM		11	3P	8	12																
		1952	1957	1961	1966																
Weight		152	153	156	161																
Height		69	70	70	70																
BP Sys		128	130	122	114																
BP Dia		80	78	72	68																
BSP					10																
Hemoglobin				14.0	15.1																
Hematocrit				48.0	46.0																
Thymol Turbidity				6.8	6.8																
SGOT				14.0	14.0																
Icterus Index					7.20																
Prothrombin																					
ALK Phos																					
Auto analyser	1967																				
	1968																				
		Tot bil	SGPT	Tst Prot																	

R&S 033779

94 ~~93~~

~~_____~~

birth date June 1936

no Jaundice

year started 1964

Year	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA																						
TOT																				10	10	10
Date of Exam																						
Weight																						
Height																						
BP Sys																						
BP Dias																						
BSP																						
Hemoglobin																						
Hematocrit																						
Thymol Turbidity																						
SGOT																						
Prothrombin																						
B Protein																						
Alk Phos																						

R&S 033780

93 95

[REDACTED]

DOSE

20

not used
Jerry

R&S 033781

● 63507 (53507?)

53507

96. ~~94~~

DOSE

15

R&S 033782

[REDACTED]

birth date July, 1935

no jaundice

yr started 1957

Year	49	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure TWA																					
TOJ																					

Date of Exam	4P 1956	2 1958	76 1959	1 1960	1961	1966
Weight	165	166	170	170	X	X
Height	71	71	71	70 3/4	X	X
BP Sys	110	110	110	110	X	X
BP Dias	65	80	82	50	X	X
BSP						X
Hemoglobin		X			X	X
Hematocrit				40.0	X	X
Thymol Turbidity					X	X
SGOT						X
Prothrombin				87.5		
B Protein						X
Alk Phos				8.2		

R&S 033783

BSR
(1)

no jaundice

97 ~~98~~
birth date May 1939
year started 1963

	Year	49	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68
Exposure	TWA																					
	TOJ																					

Date of Exam		7P 1962								12 1965												
Weight		174								172												
Height		68 1/2								69												
BP Sys		132								108												
BP Dias		78								68												
BSP										0.1												
Hemoglobin										15.1												
Hematocrit										50.0												
Thymol Turbidity										1.3												
SGOT										19.0												
Prothrombin																						
B Protein										11.3												
Alk Phos																						

5-
058
(13)