

SUBJECT

Positive Health Exam questions in 72 vinyl chloride expose population and matched controls for selected questions
Exam Period 1/71 - 3/74 high Exposure Group

Health Question	VCL Group	Control Group
Shortness of breath with walking	7	4
Cough lasting over 3 months	4	3
Numbness in hands and feet	7	6
Yellow Jaundice	1	1
Liver Trouble	2	4
Cancer or Malignant Growth	1 *	—
Anemia or Blood Problems	—	1
* 1655-8 skin Cancer (presumed from arsenic exposure)		

R&S 000507

Dow Chemical Confidential Material Produced Pursuant
To Protective Order
Re: v. Dow Chemical Co., Case No. 84-0337
U.S. District Court, Western District of New York
Southern District of New York Company
Case No. 84-CV-0393 S(H)
Western District of New York

Positive Health Exam questions in 47 vinyl chloride expose
population and matched controls for selected questions
Exam Period 1/71 - 3/74 undefined Exposure Group

Health Question	VCL Group	Control Group
Shortness of breath with walking	4	7
Cough lasting over 3 months	3	2
Numbness in hands and feet	8	7
Yellow Jaundice	—	1
Liver Trouble	2	—
Cancer or Malignant Growth	—	—
Anemia or Blood Problems	1	—

Low Chemical Confidential Material Produced Pursuant
to Court Order in Case No. 94-CV-0393 S(H)
Signed by The Dow Chemical Company
Case No. 94-CV-0393 S(H)
Western District of New York

R&S 000508

SUBJECT

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SUBJECT Positive Health Exam questions in 56 vinyl chloride expose population and matched controls for selected questions

Exam. Period	1/71 - 3/74	low	Exposure Group
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Health Question	VCL Group	Control Group
Shortness of breath with walking	4	7
Cough lasting over 3 months	—	—
Numbness in hands and feet	6	2
Yellow Jaundice	—	—
Liver Trouble	4	4
Cancer or Malignant Growth	—	—
Anemia or Blood Problems	—	2

Excluded Material Produced Pursuant to

10 Relative and

Reese v. Conoco Inc. Case No. 89-4837

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Case No. 94-CV-0393 S(H)

Western District of New York

R&S 000509

SUBJECT

Comparison of Vinyl Chloride exposed population with
Matched Controls for selected Laboratory Tests, Exam Period
1/21-3/74 High exposure Group

Test Procedure	Number of Pairs	VCL Group Mean $\bar{x}$	VCL Standard Deviation SD_x	VCL Group less Controls $\bar{x} \pm SD_d$	
FVC	70	3.96	.56	$-.06 \pm .77$	.55
FEV 1 sec	70	3.50	.51	$.05 \pm .75$	
BP sys	71	127.4	18.5	$-.1 \pm 21.9$	
BP dias	71	82.7	11.7	-1.2 ± 14.7	
Hemoglobin	71	15.5	.92	$-.1 \pm 1.31$	
WBC	71	7630	1830	100 ± 2430	
Tot Bilirubin	62	.42	.17	$.00 \pm .31$	
SGO-T	62	26.1	7.1	$-.7 \pm 10.8$	
LDH	67	156.2	38.5	$-.4 \pm 55.9$	
Tot Protein	62	7.11	.35	$-.09 \pm .43$	
Protein, Albumin	62	4.45	.50	$-.09 \pm .68$	
Protein Globulin	62	2.65	.52	$.00 \pm .66$	

R&S 000510

Dow Chemical Company Confidential Material
To Protect Order
Produced Pursuant
to Protective Order
Case No. 94-CV-0393
Calcasieu Parish, LA
Smith v. The Dow Chemical Company
Case No. 94-CV-0393 (SH)
Western District of New York