



MAR-21-1996 08:10

CHEMSTAR

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CHEMSTAR

FAX

CHEMICAL SELF-FUNDED TECHNICAL ADVOCACY AND RESEARCH

TO: Ken Mundt
Jonathan Rambow

NO. PAGES: 8 (including cover)

DATE: 3/21/96

COMPANY: _____

413/256-3503

FAX #: 517/636-1875

PHONE: _____

FROM: **HAS SHAH**

FAX #: **703/741-6091**

DIRECT DIAL: **703/741-5637**

1300 Wilson Boulevard
Arlington, VA 22209

R&S145391

ENSR

ENSR Consulting and Engineering



Facsimile Cover Sheet

TO:	Hasmukh Shah		
	Name	Firm/Location	Fax Number
FROM:	Lin Westberg		
	Name	Division/Dept.	Tel. Ext.
DATE:	3/11/96		
	Date	Time	
RE:	Vinyl Chloride Study		

COMMENTS:Cover Page + 6 Pages

Accounting No: _____

Call (508) 635-8500 regarding problems with this transmission.

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March 11, 1996

VIA FACSIMILE: (703-741-8091)

ENSR Ref. No: 1410-015-400
ENSR Doc. No: LPW/525

Mr. Hasnmukh C. Shah, Ph.D.
Manager
Vinyl Chloride Panel
Chemical Manufacturers Association
2501 "M" Street, N.W.
Washington, DC 20037

Re: Vinyl Chloride Study

Dear Mr. Shah:

As we discussed during our most recent telephone conversation on February 28th, I am pleased to be able to provide you a copy of the letter which was sent to Mr. Richard Ganovese with the New York City Department of Health. We continue to remain optimistic about the release of the data tapes and will keep you informed of our progress in this regard.

Please do not hesitate to contact me if you have questions.

Sincerely,

Sincerely,



Linnea P. Westberg
Senior Contracts Administrator

Enclosure

Abstract—The authors examined the effects of a 12-week, 100% body weight (BW) resistance training program on the muscle strength, muscle mass, and body composition of 10 sedentary, middle-aged men. The subjects were randomly assigned to either a control group (CON) or a resistance training group (RT). The RT group performed a 12-week, 100% BW resistance training program, while the CON group remained sedentary. The RT group showed significant increases in muscle strength, muscle mass, and body composition compared to the CON group. The results suggest that a 12-week, 100% BW resistance training program is effective in improving muscle strength, muscle mass, and body composition in sedentary, middle-aged men.

PR&S145393

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1420 Harbor Bay Parkway
Suite 160
Alameda, CA 94502
(510) 748-6700
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VIA FACSIMILE: (212) 768-4585

March 11, 1996

Mr. Richard Genovese
Director, Vital Statistics Quality Assurance
New York City Department of Health
Box 7
125 Worth Street
New York, NY 10013

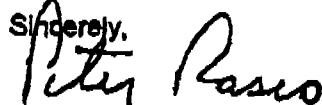
Subject: Transfer of Master Computer Data Tapes for Chemical Manufacturers
Association (CMA) Study

Dear Mr. Genovese:

As we had discussed on the telephone in January, I have enclosed the listing of variables on the data tape that contains information on the mortality of vinyl chloride workers. Please note that there are no variables on the data tape which indicate state of death, location of death, or death certificate number. In order to destroy the data on the deaths that occurred in New York City as you requested, we would have to destroy all of the data as we are not able to differentiate death records by location.

Please allow ENSR to release this information to CMA's new Vinyl Chloride Study contractor, AEI, so that they may continue their study. If you have any questions, please contact Ms. Linn Westberg at (508) 835-8500 or me at (510) 748-6700. I apologize for the length of time it has taken for ENSR to obtain the listing of the variables on the data tapes for you.

Sincerely,



Peter Rasco
Acting General Manager

Enclosure

MAR-11-1996 14:49

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P.01

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Gordon & Associates**Statistical Consulting • SAS Programming Data Management**

1411 Josephine Street
Berkeley, CA 94703
Phone: (510) 526-0123
Fax: (510) 526-0475

TO: Peter Rasco

FROM: Nancy Gordon

DATE: March 8, 1996

RE: CMA - Vinyl Chloride Data

Please find enclosed content listings for the two master data sets for the Vinyl Chloride project. Each listing provides information about the creation of the data set and the variable names in the data set. The variables on these data sets include demographic information (DOB, DOH, AGEHIRE, AGEDEATH, JOBSTATM, etc.), exposure information (AGEEXP, DEXP, DEXPDOH, MONTHEXM, etc.), and vital status and cause of death information (STATM, FCOD, PVIT, FVIT82, ANGIODC, CODCAT, etc.). Please note there is not a variable which indicates state of death, location of death or death certificate number.

It would be impossible to mask death information for deaths that occurred in New York City since there is no identifier for place of death. It is only possible to delete death information for everyone in the cohort.

othworklumave6.mem

03/25/1996 16:44

5185268475

NANCY GORDON

PAGE 03

The SIS System

CONTENTS PROCEDURE

Data set Name: DASAVC.VCALL
 Number Type: DATA
 Engine: VS
 Created: 19:50 Tuesday, May 27, 1996
 Last Modified: .
 Protection:
 Data Set Type:
 Label:

Observations: 10173
 Variables: 20
 Indexes: 0
 Observation Length: 121
 Deleted Observations: 0
 Compressed: NO
 Sorted: NO

-----Engine/Host Dependent Information-----

Physical Name:
 Release Created: 2.3
 Created by: IBATCHA3
 Last Modified by:
 Protection: NONE
 CPU Id: PP-3081-022033
 Blocksize: 8111
 Lrecl: 121

-----Alphabetic List of Variables and Attributes-----

I	Variable	Type	Len	Pos	Format	Label
8	ANGIODE	NUM	8	53		
12	CODLN	CHAR	1	65		
3	DEXP	NUM	8	76		
4	DLR	NUM	8	28		
2	DOB	NUM	8	12		
3	DOB	NUM	8	20		
6	DSTOPEXP	NUM	8	44		
18	FCOD	NUM	8	102	MLFMT37.	FINAL CAUSE OF DEATH, CODED
19	FOOYES	NUM	8	110	PCOOYEPI8.	DO WE HAVE CAUSE OF DEATH
15	PDOD	NUM	8	78		
16	FVIT	NUM	8	86	VS01FMT7.	FINAL 3 LEVEL VITAL STATUS
17	FVIT82	NUM	8	94	VS06FMT10.	FINAL 4 LEVEL VITAL STATUS
12	JOBSTATN	NUM	2	66	RECSTFMT16.	JOB STATUS--MASTER FILE
10	LIVERM	NUM	2	63		LIVER CANCER--MASTER FILE
7	MOOC	CHAR	1	52		
20	MONTHEIN	NUM	3	118		TOTAL MONTHS EXPOSED--MASTER FILE
9	PLANTN	NUM	2	61	PLTFMT20.	PLANT NUMBER DERIVED FROM MASTER ID
1	SID	NUM	8	4		SUBJECT ID NUMBER
13	STATN	NUM	2	68	STATFMT16.	STATUS--MASTER FILE
14	VITCON	NUM	8	70	VS05FMT8.	FINAL DETAIL VITAL STATUS

The SAS System

CONTENTS PROCEDURE

Data Set Name: DATA.VCPR2PRO
 Member Type: DATA
 Engine: V5
 Created: 18:52 Monday, July 7, 1986
 Last Modified:
 Protection:
 Data Set type:
 Label:

Observations: 10173
 Variables: 55
 Indexes: 0
 Observation Length: 401
 Deleted Observations: 0
 Compressed: NO
 Sorted: NO

-----Engine/Host Dependent Information-----

Physical Name:
 Release Created: 2.3
 Created by: IDATCHD1
 Last Modified by:
 Protection: NONE
 CPU Id: FY-3081-022033
 Blocksize: 4024
 Lrecl: 401

-----Alphabetic List of Variables and Attributes-----

#	Variable	Type	Len	Pos	Format	Label
50	AGEDEATH	Num	8	353		AGE AT DEATH
52	AGEEXP	Num	8	369		AGE AT FIRST EXPOSURE
45	AGENTIRE	Num	8	313		AGE AT HIRE
8	ANGILOC	Num	8	53		
53	COCCAT	Num	8	377	MLFMT37.	
11	-CODLM	Char	1	65		
5	DEXP	Num	0	36	WEDDY8.	
22	DEXPDOY	Num	8	129		DATE FIRST EXPOSURE AND DATE OF HIRE
4	DLN	Num	8	28	WEDDY8.	
27	DLSTEXP	Num	8	169		DATE LAST HIRE AND DATE STOP EXP
28	DLSTN	Num	8	177		DATE LAST HIRE AND DATE STOP EXP
2	DOB	Num	8	12	WEDDY8.	
3	DOH	Num	8	20	WEDDY8.	
23	DORDOB	Num	8	121		DATE OF HIRE AND DATE OF BIRTH
6	RSTOPEXP	Num	8	44		
31	END1972	Num	8	201		
36	ENDDLN	Num	8	241		END DATE AND DATE LAST HIRE
13	ENDDOB	Num	8	217		END DATE AND DATE OF DEATH
32	ENDEXP	Num	8	209		
18	PCOB	Num	8	102		FINAL CAUSE OF DEATH, CODED
19	PCOYES	Num	8	110	PCOYESF18.	DO WE HAVE CAUSE OF DEATH
15	PCOB	Num	8	78	WEDDY8.	
14	PCODDLN	Num	8	225		DATE OF DEATH AND DATE LAST HIRE
35	PCODDLN	Num	8	233		DATE OF DEATH AND DATE LAST HIRE
30	PCODEXP	Num	8	193		END OF 1972 AND DATE LAST EXP
16	PVIT	Num	8	86	V801PMT7.	VITAL STATUS AS OF 12/82
17	PVIT82	Num	8	94	V806PMT10.	FINAL 4 LEVEL VITAL STATUS
17	HIREEXP	Num	8	249		HIRE DATES COINCIDE WITH EXP DATES
12	JOBSTATN	Num	2	66	W807PMT16.	JOB STATUS--MASTER FILE
29	LAST1972	Num	8	185		
54	LIVERCEN	Num	8	345		
10	LIVERM	Num	2	63		LIVER CANCER--MASTER FILE

The SAS System

CONTENTS PROCEDURE

#	Variable	Type	Len	Pos	Format	Label
7	MONC	Char	1	52		
20	MONTHEN	Num	3	118		TOTAL MONTHS EXPOSED-MASTER FILE
9	PLANTH	Num	2	61	PLTHMT20.	PLANT NUMBER DERIVED FROM MASTER ID
1	SID	Num	8	4		SUBJECT ID NUMBER
38	STARTD	Num	8	257		
13	STATN	Num	2	68	STATMT16.	STATUS--MASTER FILE
39	STOPD	Num	8	265		
41	STOPDAT	Num	8	281		
42	STOPDATC	Num	8	289		
24	STOPEIP	Num	8	145	NOOY18.	
23	STRTDAT	Num	8	137	NOOY18.	
25	STST	Num	8	153		DATE STOP EXP. AND START DATE
26	STSTN	Num	8	161		DATE STOP EXP. AND START DATE
14	VITCOM	Num	8	70	VS05FMT6.	FINAL DETAIL VITAL STATUS
40	VITCOMND	Num	8	273	VS05FMT8.	DETAILED VITAL STATUS
47	VITSTAT	Num	8	329	VITSTAT733.	EMPLOYMENT STATUS
43	YEARBRTH	Num	8	297		YEAR OF BIRTH
44	YEARHIRE	Num	8	305		YEAR HIRED
46	YEARTERM	Num	8	321	YR01FMT9.	YEAR TERM
49	YRDEATH	Num	8	345		YEAR DEATH
48	YRSEMP	Num	8	337		YEARS EMPLOYED
51	YRSEXP	Num	8	361		YEARS EXPOSED
55	YRSLAT	Num	8	393		YEARS LATENCY