ST0164388

DOW EPIDEMIOLOGY COMPUTER SUPPORT & DEVELOPMENT
PROJECT DOCUMENTATION

Pg 1 of

Date:

USERCODE= VINYLCHL

PROJECT NAME: Vinyl Chloride Update

PROJECT NUMBER:

BRIEF DESCRIPTION:

INITIATOR:

PROGRAMMER: W. DAHAR

File Name	on	All areas on VINYLCHL Usercode	Purpose	Input To/Files *	Output From/Files *
VNYLCHL DATA			Ott OS data set used in original study		
VIN SAS			Creates VIN.PRAC - reads above	VNYLCHL DATA	VIN.PRAC (N=667
VINYL SAS			creates DOW.VNYL (...)	OTT.VYNLCHL	DOW.VNYL
VINYL2 SAS			creates VINYL DATA - list of manns's	DOW.VNYL	VINYL DATA
EXTRACT3 EXEC			updates list of cohort with current SSR information	VINYL DATA	VINYL1 DATA
ROUNUP SAS			Reads vinyl data and creates UPD.VYNL	VINYL1 DATA	UPD.VYNL (N. 66.
VIN2 SAS			Prints list of people who began in VCL after 1960 (excluded from study)	VINYLCHL DATA	listing pre60 (N=77
VIN3 SAS			creates pre60.vynl	VNYLCHL DATA and UPD.VYNL	PRE60.VYNL (N=590) *

* Assume 'To' and 'From' if file type indicates data

* Three additional individuals were added to the data set using FSEDIT. They were identified by reviewing the OTT computer

R&S 020410

ST0164389

DOW EPIDEMIOLOGY COMPUTER SUPPORT & DEVELOPMENT
PROJECT DOCUMENTATION

Date:

PROJECT NAME:

PROJECT NUMBER:

BRIEF DESCRIPTION:

INITIATOR:

PROGRAMMER:

File Name	on	Usercode	Purpose	Input To/Files*	Output From/Files*
VCHLUPD. WKHX		vinylchl	Raw wk. hx of 593 people var: Bldg 1-17, job, dept, datin, datout, mst, ss		
VCHL.LST			list of depts, jobs, first + last date, exposure	← Added via panel by Elsie	
VIN5 SAS			calculates start + end date (SAS date)	VCHLUPD. WKHX	VCHL. WKHX
VIN6 SAS			computes total duration of VC exposure (mann, cumul)	VCHL. WKHX	VCHL2. WKHX
VIN7 SAS			Abstracts date of first exposure Merges w/ duration of exposure	VCHL. WKHX VCHL2. WKHX	VIN. COHORT
VINVIT SAS			creates OS dataset of 593 manns.	VIN. COHORT	VCHL DATA
EXTRACT3 EXEC			extracts demogr. + variables from MTVSR to update cohort	VCHL DATA	VCHL1 DATA
VINVIT1 SAS			Reads VCHL1 DATA into SAS data set	VCHL1 DATA	VIN. UPD
VIN 8 SAS			Merges to add variables from USR.	VIN. COHORT VIN. UPD	VIN1 COHORT
MORT SAS			creates OS data set of 155 manns	VIN. COHORT	VIN DEAD
EXTRACTM EXEC			extracts mort data from mort file	VIN DEAD	VIN1 DEAD
FU MORT SAS		✓	creates SAS data set with ICOD variables	VIN1 DEAD	VIN. DEAD
CONVERT SAS			converts to MONSON codes	VIN. DEAD	VIN. CODE

* Assume 'To' and 'From' if file type indicates data
Assume 'Files' if file type indicates an exec or program

Western District of New York
Case No 94-CV-0... Material Produced Pursuant ...
R&S 020411

ST0164390

DOW EPIDEMIOLOGY COMPUTER SUPPORT & DEVELOPMENT
PROJECT DOCUMENTATION

Date:

PROJECT NAME:

PROJECT NUMBER:

BRIEF DESCRIPTION:

INITIATOR:

PROGRAMMER:

File Name	on	Usercode	Purpose	Input To/Files*	Output From/Files*
VIN9 SAS		VINYLCHL	Merges with VIN.code to add cause of death info. converted to Mon codes	VIN1.COHORT; VIN.CODE	VIN2.COHORT
ADDARS SAS		↓	Adds arsenic variable to dataset	VIN2.COHORT	VIN2.COHORT
VIN10 SAS		↓	Creates OS data to be used for comparison	VIN2.COHORT	VIN[illegible] DATA
VIN10L SAS		↓	same as above w/15 yr. latency	VIN2.COHORT	VINLAT DATA
		↓			
VIN11 SAS		↓	Freq. dist. of Scode + VS	VIN2.COHORT	
VIN12 SAS		↓	Freq. dist. by yr. of first + duration of exposure	VIN2.COHORT	

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R&S 020412

Dow Chemical Company
Western District of New York

ST0164391

DOW EPIDEMIOLOGY COMPUTER SUPPORT & DEVELOPMENT
PROJECT DOCUMENTATION

Date: ______

PROJECT NAME: ______ PROJECT NUMBER: ______

BRIEF DESCRIPTION: ______ INITIATOR: ______

PROGRAMMER: ______

File Name	on	Usercode	Purpose	Input To/Files*	Output From/Files*
VINEXP SAS			converts dates in exposure file into SAS dates	VCHL.LST	VIN.EXP
VINEXP1 SAS			obtains earliest exposure level for [illegible]	VIN.EXP	VINN.EXP
VINEXP2 SAS			Assigns highest exposure level associated with [illegible] (ROM)	VCHL1.WKHX VINN.EXP	VCHL3.WKHX
VINEXP3 SAS			Selects next earliest exposure level associated with a particular [illegible]	VIN.EXP VINN.EXP	VINN1.EXP
VINEXP4 SAS			Assigns next highest exposure level; creates new records for jobs that span time periods (Tot. prgm)	VCHL3.WKHX VINN1.EXP	VCHL4.WKHX
VINEXP5 SAS			selects next earliest exposure level	VIN.EXP VINN.EXP [illegible]EXP	VINN2.EXP
VINEXP6 SAS			Program to assign next level of exposure; CREATES FINAL WK HX/EXP FILE	VCHL4.WKHX VINNL.EXP	VCHL5.WKHX
VIN13 SAS			creates VCHL.EXPEV with [illegible] at each exposure level	VCHL5.WKHX VINZ.COHORT	VCHL.EXPEV
VIN14 SAS			Freq. dist. of exposure level and within by decade & duration of first exposure (this creates [illegible] of that level)	VCHL.EXPEV	
VIN15 SAS			creates exposure groups with persons in the highest group for 1+ months	VCHL.EXPEV	HI.EXP MED.EXP LOW.EXP [illegible].EXP
VIN15Z SAS			creates duration of time in high, med, and low groups — total duration and duration in each exp. group	HI.EXP, etc and VINZ.COHORT	

Exhibit [illegible] Produced Pursuant To Protective Order
Case No. 90-4037
[illegible]
Smith v. The Dow Chemical Company
Case No. [illegible]
Western District of New York

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STO164392

DOW EPIDEMIOLOGY COMPUTER SUPPORT & DEVELOPMENT
PROJECT DOCUMENTATION

Date:

PROJECT NAME: VINYL CHLORIDE UPDATE

PROJECT NUMBER:

BRIEF DESCRIPTION:

INITIATOR:

PROGRAMMER: W. DAMAR

Programs with L = Latency 15 years

File Name	on	Usercode	Purpose	Input To/Files *	Output From/Files *
vin16 sas			High exposure 1+ months Time in high only		
16a sas			" <1 yr. duration of hi. exposure		
17			Med exposure 1+ months		
17a			Med exposure: <1 yr. duration		
18			Undetermined exposure 1+ months		
18a			Undetermined <1 yr duration		
19			Low exposure		
19a			Low exposure <1 yr. duration		
Vin 20 sas			creates subset of VC employees not exposed to arsenic (assigned exp = 2)	VIN2.COHORT MICH. WHOLE	TEMP.VIN (521 ob. 13 vars.
vin 21 sas			MIGMS males not exposed to arsenic + not in VC cohort	~~ARS. TOTAL VINYL.COHORT~~	MICH.VIN (3905 obs.
vin 21b sas			excludes those hired after 1960	MICH.VIN	MICH.VIN (24,410)
Vin 22 sas			Above data set in format for running M-H programs	MICH.VIN	MICH.VIN1
vin 23 sas			merges TEMP.VIN and MICH.VIN1 adds exp=1 for unexposed	TEMP.VIN MICH.VIN1	MH.VIN

IGMS sprode

Assume 'To' and 'From' if file type indicates data

R&S 020414

ST0164393

DOW EPIDEMIOLOGY COMPUTER SUPPORT & DEVELOPMENT
PROJECT DOCUMENTATION

Date:

PROJECT NAME:

PROJECT NUMBER:

BRIEF DESCRIPTION:

INITIATOR:

PROGRAMMER:

	File Name	on	Usercode	Purpose	Input To/Files*	Output From/Files*
on 116MS usercode	vin 25 sas			M-H analysis risk program (driver program)	MH.VIN VIN26 sas	VINYL listing
	vin 26 sas			M-H analysis		sum data
[illegible]itional [illegible]grams [illegible] first [illegible]written			VINYICHL			
	vin 27 sas		↓	creates dataset in which followup ends in 1974, altered VS date, VS MON	vina.cohort	vinx.cohort (N=521)
	vin 28 sas			Monson analysis on altered dataset followup ends 1974	vinx.cohort	vinanal data
	vin 29 sas			creates dataset of those alive as of 1974, altered follow-up date	vina.cohort	p.vin (N=438)
	vin 30 sas			creates datasets of above categorized by hi med low und exp	p.vin hi.exp med.exp und.exp low.exp	hip.exp medp.exp undp.exp lowp.exp
	vin 31 sas			Monson analysis of 1974-1982 follow-up period	p.vin	vinpost data
	vin 32 sas			above run on the 4 exposure groups	hip.exp undp.exp medp.exp lowp.exp	

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Western District of New York
R&S 020415