

combvars  
Combination Variables Defined in the Data Analysis Plan

<u>SECTION</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>
	NEWID	F(5.1) Patient ID

DATA ANALYSIS PLAN APPENDIX A, PART A Environmental/Occupational Factors

<u>SECTION</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	
1.0	RA10	I(1)	Any occupational exposures 1=Yes 2=No
1.1	RA11	I(1)	Metal dust / fume assoc industry 1=Yes 2=No
1.1.1	RA111	I(1)	Contact dermatitis-causing metal 1=Yes 2=No
1.2	RA12	I(1)	Healthcare workers 1=Yes 2=No
1.3	RA131	I(1)	Childcare providers 1=Yes 2=No
1.3.2	RA132	I(1)	Educators 1=Yes 2=No
1.4	RA14	I(1)	Fire fighters X=Censored
1.5	RA15	I(1)	Military 1=Yes 2=No
1.6	RA16	I(1)	Agriculture - crop related 1=Yes 2=No
1.7.1	RA171	I(1)	Agricultural organic dusts 1=Yes 2=No
1.7.2	RA172	I(1)	Industrial organic dusts 1=Yes 2=No
1.7.3	RA173	I(1)	Rubber dusts X=Censored
1.8	RA18	I(1)	Microbials / bioaerosols 1=Yes 2=No
1.8.1	RA181	I(1)	Metal working fluid 1=Yes 2=No
1.9.1	RA191	I(1)	Chemical agents that produce HP 1=Yes 2=No
1.9.1.1	RA1911	I(1)	Pesticides that produce HP 1=Yes 2=No

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<u>SECTION</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	
1.9.1.2	RA1912	I(1)	Isocyanates that produce HP 1=Yes 2=No
1.9.2	RA192	I(1)	Organic agents that 1=Yes 2=No
1.11.1	RA1111	I(1)	Construction trades 1=Yes 2=No
1.11.2	RA1112	I(1)	Dusty trades with fiber/fabric 1=Yes 2=No
1.11.3	RA1113	I(1)	Dusty trades with wood 1=Yes 2=No
1.11.4	RA1114	I(1)	Dusty trades with crustal dust 1=Yes 2=No
1.12.1	RA1121	I(1)	Isolated employment 1=Yes 2=No
1.13	RA113	I(1)	Silica dust 1=Yes 2=No
1.14	RA114	I(1)	Employment status X=Censored
1.15	RA115	I(1)	Wood dust 1=Yes 2=No
2.0	RA20	I(1)	Any avocational exposures 1=Yes 2=No
2.1	RA21	I(1)	Metal dust/fumes avocational 1=Yes 2=No
2.1.1	RA211	I(1)	Metals contact dermatitis non-occ. 1=Yes 2=No
2.2	RA22	I(1)	Avocational exposure to children 1=Yes 2=No
2.3	RA23	I(1)	Microbial bioaerosol contam. non-occ. X=Censored
2.4	RA24	I(1)	Organic dusts non-occ. 1=Yes 2=No
2.5-A.1	RA251	I(1)	Tobacco exposure (active smoking) 1=Yes 2=No
2.5-A.2	RA252	I(1)	Tobacco exposure (passive smoking) 1=Yes 2=No

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<u>SECTION</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	
2.5- A.3	RA253	I(1)	Tobacco exposure (active or passive) 1=Yes 2=No
2.6.1	RA261	I(1)	Rural residence as child 1=Yes 2=No
2.6.2	RA262	I(1)	Rural residence last 3 yrs 1=Yes 2=No
3.0	RA30	I(1)	Environmental + occupational exp 1=Yes 2=No
3.1	RA31	I(1)	Any metal dust/fumes exposure 1=Yes 2=No
3.2	RA32	I(1)	Any exposure to children 1=Yes 2=No
3.3	RA33	I(1)	Any microbial bioaerosol exp X=Censored
3.4	RA34	I(1)	Any organic dust exposure 1=Yes 2=No
3.5	RA35	I(1)	Any exposure to animals 1=Yes 2=No
3.5.1	RA351	I(1)	Any exposure to mammals 1=Yes 2=No
3.5.2	RA352	I(1)	Any exposure to birds 1=Yes 2=No
3.5.3	RA353	I(1)	Any exposure to insects 1=Yes 2=No
3.6	RA36	I(1)	Any non-cigarette smoke exp 1=Yes 2=No

DATA ANALYSIS PLAN APPENDIX A, PART B Infectious Agents

<u>SECTION</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	
1.1	B11	I(3)	Number of home contacts
1.2	B12	I(1)	exposure large number people at work 1=Yes 2=No
2.1	B21	I(1)	Community size last 3 yrs 1=Town (population 1 - 50,000) 2=Small city (population 50,000 - 300,000) 3=Large city (population over 300,000) 4=Don' t know

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<u>SECTION</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	
3.1	B31	I(1)	Antibiotic exposure 1=Yes 2=No
4.1	B41	I(1)	Immunosuppressing agents exposure 1=Yes 2=No
5.1	B51	I(2)	Place of residence and shower shower or bath and shower 11=Town (population 1 - 50,000) 12=Small city (population 50,000 - 300,000) 13=Large city (population over 300,000) bath or neither 21=Town (population 1 - 50,000) 22=Small city (population 50,000 - 300,000) 23=Large city (population over 300,000)

DATA ANALYSIS PLAN APPENDIX A, PART D Family History

<u>SECTION</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	
1.1	D11	I(1)	Family history of sarcoidosis 1=Yes 2=No
1.2	D12	I(1)	Number of relatives with sarcoid

DATA ANALYSIS PLAN APPENDIX A, PARTE (Revised 5/5/00) Psychosocial Factors

<u>SECTION</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	
1.1	E111	F(5.1)	Depression score
	E112	I(2)	Depression - missing items 0=None 1=1,2 or 3 2=3 or more
1.2.1	E121	F(5.1)	Physical Function - score
	E1211	F(5.1)	Physical Function - raw score
	E1212	I(2)	Physical Function - missing items 0=None 1=1,2 or 3 2=3 or more
1.2.2	E122	F(5.1)	Role - Physical - score
	E1221	F(5.1)	Role - Physical - raw score
	E1222	I(2)	Role - Physical - missing items 0=None 1=1,2 or 3 2=3 or more
1.2.3	E123	F(5.1)	Bodily Pain - score
	E1231	F(5.1)	Bodily Pain - raw score
	E1232	I(2)	Bodily Pain - missing items 0=None 1=1,2 or 3 2=3 or more

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<u>SECTION</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	
1.2.4	E124	F(5.1)	Vitality - score
	E1241	F(5.1)	Vitality - raw score
	E1242	I(2)	Vitality - missing items 0=None 1=1,2 or 3 2=3 or more
1.2.5	E125	F(5.1)	Mental Health - score
	E1251	F(5.1)	Mental Health - raw score
	E1252	I(2)	Mental Health - missing items 0=None 1=1,2 or 3 2=3 or more
1.2.6	E126	F(5.1)	Role - Emotional - score
	E1261	F(5.1)	Role - Emotional - raw score
	E1262	I(2)	Role - Emotional - missing items 0=None 1=1,2 or 3 2=3 or more
1.2.7	E127	F(5.1)	General Health - score
	E1271	F(5.1)	General Health - raw score
	E1272	I(2)	General Health - missing items 0=None 1=1,2 or 3 2=3 or more
1.2.8	E128	F(5.1)	Social Function - score
	E1281	F(5.1)	Social Function - raw score
	E1282	I(2)	Social Function - missing items 0=None 1=1,2 or 3 2=3 or more
1.3	E13	F(5.1)	Social Support - overall score
1.3.1	E131	F(5.1)	Tangible Support - score
	E1311	F(5.1)	Tangible Support - raw score
	E1312	I(2)	Tangible Support - missing items 0=None 1=1,2 or 3 2=3 or more
1.3.2	E132	F(5.1)	Affectionate - score
	E1321	F(5.1)	Affectionate - raw score
	E1322	I(2)	Affectionate - missing items 0=None 1=1,2 or 3 2=3 or more

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<u>SECTION</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	
1.3.3	E133	F(5.1)	Social Interaction- score
	E1331	F(5.1)	Social Interaction- raw score
	E1332	I(2)	Social Interaction- missing items 0=None 1=1,2 or 3 2=3 or more
1.3.4	E134	F(5.1)	Emotional Support- score
	E1341	F(5.1)	Emotional Support- raw score
	E1342	F(5.1)	Emotional Support- missing items 0=None 1=1,2 or 3 2=3 or more
1.4	E141	F(5.1)	Optimism - score
	E142	I(2)	Optimism - missing 0=None 1=1,2 or 3 2=3 or more

DATA ANALYSIS PLAN APPENDIX A, PART G Socioeconomic Factors

<u>SECTION</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	
1.0	G10	I(1)	Income 1=< 20,000 2=20,000 - 49,999 3=>= 50,000
2.0	G20	I(1)	Education 1=Grades 1-12 3=High school graduate 4=College graduate 5=Post graduate
3.1-A.1	G311	I(1)	Insurance status (A1) 1=Private, Medicare, Medicaid, or other public plan 2=None/Don' t know/No answer
3.1-A.2	G312	I(1)	Insurance status (A2) 1=Private, Medicare 2=Medicaid or other public plan 3=None, Don't know/No answer
3.2.1-A.1	G3211	I(1)	Insurance restrictions (A1) 1=No restrictions 2=Pay less if visit certain doctors/ limitations on access to specialists 3=No insurance

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<u>SECTION</u>	<u>NAME</u>	<u>TYPE(LENGTH)</u>	
3.2.1- A.2	G3212	I(1)	Insurance restrictions (A2) 1=No restrictions 2=Pay less if visit certain doctors 3=Pay less if visit certain clinics/ limitations on access to specialists 4=No insurance
3.2.2	G3221	I(1)	Usual source of care 1=Doctor' s offices or clinics 2=Emergency room 3=Don' t know, other, no usual place
	G3222	I(1)	No usual source of care 1=Doctor' s offices or clinics 2=Emergency room 3=Don' t know, other, no usual place
3.2.3- A.1	G3231	I(1)	Regular doctor (A1) 1=Generalist or specialist 2=No regular doctor 3=Do not know / No Answer
3.2.3- A.2	G3232	I(1)	Regular doctor (A2) 1=General practitioner 2=Specialist 3=No regular doctor or Do not know
3.2.4- A.1	G3241	I(1)	Limited med. care - financial 1=Yes 2=No
3.2.4- B.1	G3242	I(1)	Limited med. care - other 1=Yes 2=No
3.2.5	G325	I(1)	Geographic barriers - community 1=Rural - Town 2=Non-rural - All Other Answers 3=Don' t know
3.2.6- A.1	G3261	I(1)	Barriers to medication use (A1) 1=Yes 2=No
3.2.6- A.2	G3262	I(1)	Barriers to medication use (A2) X=Censored
3.2.7	G327	I(1)	Lack of social support 1=Most or all of the time 2=All other answers
3.2.8- A.1	G3281	I(1)	Effect of sarcoidosis on care (A1) 1=Yes 2=No
3.2.8- A.2	G3282	I(1)	Effect of sarcoidosis on care (A2) X=Censored

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<u>SECTION</u>	<u>NAME</u>	<u>TYPE(LENGTH)</u>	
3.2.9	G3291	I(1)	Missed appointments for sarcoid care 1=Yes 2=No
	G3292	I(1)	Missed sarcoidosis medication 1=None 2=Did not take some or all of it 3=Took more of it

DATA ANALYSIS PLAN APPENDIX A, PART H Co-Morbidity

<u>SECTION</u>	<u>NAME</u>	<u>TYPE(LENGTH)</u>	
1.1	H11	I(1)	Cardiovascular system 1=Yes 2=No
1.2	H12	I(1)	Pulmonary system 1=Yes 2=No
1.3	H13	I(1)	Cancer 1=Yes 2=No
1.4	H14	I(1)	Endocrine 1=Yes 2=No
1.5	H15	I(1)	Kidney 1=Yes 2=No
1.6	H16	I(1)	Liver 1=Yes 2=No
1.7	H17	I(1)	Rheumatologic 1=Yes 2=No
1.8	H18	I(1)	Neurologic 1=Yes 2=No

DATA ANALYSIS PLAN APPENDIX A, ADDENDUM 1 Environmental/Occupational Factors based on SIC Coding

<u>SECTION</u>	<u>NAME</u>	<u>TYPE(LENGTH)</u>	
1.1	IA11	I(1)	SIC: Metal dust / fume assoc industry 1=Yes 2=No
1.1.1	IA111	I(1)	SIC: Contact dermatitis-causing metals 1=Yes 2=No
1.2	IA12	I(1)	SIC: Healthcare workers 1=Yes 2=No
1.3.1	IA131	I(1)	SIC: Childcare providers 1=Yes 2=No
1.3.2	IA132	I(1)	SIC: Educators 1=Yes 2=No



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<u>SECTION</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	
1.4	IA14	I(1)	SIC: Fire fighters X=Censored
1.5	IA15	I(1)	SIC: Military 1=Yes 2=No
1.6	IA16	I(1)	SIC: Agriculture - crop related 1=Yes 2=No
1.7	IA17	I(1)	SIC: Organic dusts X=Censored
1.7.1	IA171	I(1)	SIC: Agricultural organic dusts 1=Yes 2=No
1.7.2	IA172	I(1)	SIC: Industrial organic dusts 1=Yes 2=No
1.7.3	IA173	I(1)	SIC: Rubber dusts 1=Yes 2=No
1.8	IA18	I(1)	SIC: Microbials / bioaerosols 1=Yes 2=No
1.8.1	IA181	I(1)	SIC: Metal working fluid 1=Yes 2=No
1.9.1	IA191	I(1)	SIC: Chemical agents that produce HP X=Censored
1.9.1.1	IA1911	I(1)	SIC: Pesticides that produce HP 1=Yes 2=No
1.9.1.2	IA1912	I(1)	SIC: Isocyanates that produce HP 1=Yes 2=No
1.9.2	IA192	I(1)	SIC: Organic agents that produce HP 1=Yes 2=No
1.11.1	IA1111	I(1)	SIC: Construction trades 1=Yes 2=No
1.11.2	IA1112	I(1)	SIC: Dusty trades with fiber/fabric 1=Yes 2=No
1.11.3	IA1113	I(1)	SIC: Dusty trades with wood 1=Yes 2=No
1.11.4	IA1114	I(1)	SIC: Dusty trades with crustal dust 1=Yes 2=No

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<u>SECTION</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	
1.12.1	IA1121	I(1)	SIC: Isolated employment X=Censored
1.13	IA113	I(1)	SIC: Silica dust 1=Yes 2=No
1.15	IA115	I(1)	SIC: Wood dust 1=Yes 2=No
3.5.1	IRA351	I(1)	SIC: Exposure to mammals 1=Yes 2=No
3.5.2	IRA352	I(1)	SIC: Exposure to birds X=Censored
3.5.3	IA353	I(1)	SIC: Exposure to insects 1=Yes 2=No

**DATA ANALYSIS PLAN APPENDIX A, ADDENDUM 2 Environmental/Occupational Factors based on SOC Coding**

<u>SECTION</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	
1.1	OA11	I(1)	SOC: Metal dust / fume assoc industry 1=Yes 2=No
1.1.1	OA111	I(1)	SOC: Contact dermatitis-causing metals 1=Yes 2=No
1.2	OA12	I(1)	SOC: Healthcare workers 1=Yes 2=No
1.3.1	OA131	I(1)	SOC: Childcare providers 1=Yes 2=No
1.3.2	OA132	I(1)	SOC: Educators 1=Yes 2=No
1.4	OA14	I(1)	SOC: Fire fighters X=Censored
1.5	OA15	I(1)	SOC: Military X=Censored
1.6	OA16	I(1)	SOC: Agriculture - crop related 1=Yes 2=No
1.7	OA17	I(1)	SOC: Organic dusts 1=Yes 2=No
1.7.1	OA171	I(1)	SOC: Agricultural organic dusts 1=Yes 2=No
1.7.2	OA172	I(1)	SOC: Industrial organic dusts X=Censored

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<u>SECTION</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	
1.7.3	OA173	I(1)	SOC: Rubber dusts 1=Yes 2=No
1.8	OA18	I(1)	SOC: Microbials / bioaerosols X=Censored
1.8.1	OA181	I(1)	SOC: Metal working fluid 1=Yes 2=No
1.9.1	OA191	I(1)	SOC: Chemical agents that produce HP 1=Yes 2=No
1.9.1.1	OA1911	I(1)	SOC: Pesticides that produce HP 1=Yes 2=No
1.9.1.2	OA1912	I(1)	SOC: Isocyanates that produce HP 1=Yes 2=No
1.9.2	OA192	I(1)	SOC: Organic agents that produce HP 1=Yes 2=No
1.11	OA1110	I(1)	SOC: Dusty trades X=Censored
1.11.1	OA1111	I(1)	SOC: Construction trades 1=Yes 2=No
1.11.2	OA1112	I(1)	SOC: Dusty trades with fiber/fabric 1=Yes 2=No
1.11.3	OA1113	I(1)	SOC: Dusty trades with wood X=Censored
1.11.4	OA1114	I(1)	SOC: Dusty trades with crustal dust 1=Yes 2=No
1.12.1	OA1121	I(1)	SOC: Isolated employment 1=Yes 2=No
1.13	OA113	I(1)	SOC: Silica dust 1=Yes 2=No
1.15	OA115	I(1)	SOC: Wood dust 1=Yes 2=No
3.5	OA35	I(1)	SOC: Exposure to animals 1=Yes 2=No
3.5.1	OA351	I(1)	SOC: Exposure to mammals 1=Yes 2=No
3.5.2	OA352	I(1)	SOC: Exposure to birds
3.5.3	OA353	I(1)	SOC: Exposure to insects 1=Yes 2=No

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DATA ANALYSIS PLAN APPENDIX A, ADDENDUM 3 Environmental/Occupational Factors  
based on SIC/SOC Coding

<u>SECTION</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	
1.1	SA11	I(1)	S_S: Metal dust / fume assoc industry 1=Yes 2=No
1.1.1	SA111	I(1)	S_S: Contact dermatitis-causing metals 1=Yes 2=No
1.2	SA12	I(1)	S_S: Healthcare workers 1=Yes 2=No
1.3.1	SA131	I(1)	S_S: Childcare providers 1=Yes 2=No
1.3.2	SA132	I(1)	S_S: Educators 1=Yes 2=No
1.4	SA14	I(1)	S_S: Fire fighters X=Censored
1.5	SA15	I(1)	S_S: Military 1=Yes 2=No
1.6	SA16	I(1)	S_S: Agriculture - crop related 1=Yes 2=No
1.7	SA17	I(1)	S_S: Organic dusts X=Censored
1.7.1	SA171	I(1)	S_S: Agricultural organic dusts 1=Yes 2=No
1.7.2	SA172	I(1)	S_S: Industrial organic dusts 1=Yes 2=No
1.7.3	SA173	I(1)	S_S: Rubber dusts 1=Yes 2=No
1.8	SA18	I(1)	S_S: Microbials / bioaerosols 1=Yes 2=No
1.8.1	SA181	I(1)	S_S: Metal working fluid 1=Yes 2=No
1.9.1	SA191	I(1)	S_S: Chemical agents that produce HP 1=Yes 2=No

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<u>SECTION</u>	<u>NAME</u>	<u>TYPE (LENGTH)</u>	
1.9.1.1	SA1911	I(1)	S_S: Pesticides that produce HP 1=Yes 2=No
1.9.1.2	SA1912	I(1)	S_S: Isocyanates that produce HP 1=Yes 2=No
1.9.2	SA192	I(1)	S_S: Organic agents that produce HP 1=Yes 2=No
1.11	SA1110	I(1)	S_S: Dusty trades X=Censored
1.11.1	SA1111	I(1)	S_S: Construction trades 1=Yes 2=No
1.11.2	SA1112	I(1)	S_S: Dusty trades with fiber/fabric 1=Yes 2=No
1.11.3	SA1113	I(1)	S_S: Dusty trades with wood 1=Yes 2=No
1.11.4	SA1114	I(1)	S_S: Dusty trades with crustal dust 1=Yes 2=No
1.12.1	SA1121	I(1)	S_S: Isolated employment 1=Yes 2=No
1.13	SA113	I(1)	S_S: Silica dust 1=Yes 2=No
1.15	SA115	I(1)	S_S: Wood dust 1=Yes 2=No
3.5	SA35	I(1)	S_S: Exposure to animals 1=Yes 2=No
3.5.1	SA351	I(1)	S_S: Exposure to mammals 1=Yes 2=No
3.5.2	SA352	I(1)	S_S: Exposure to birds X=Censored
3.5.3	SA353	I(1)	S_S: Exposure to insects 1=Yes 2=No