

Table S1 - Occupations and activities of all exposed patients

ID	ISCO 08 classification (UN, ILO)		NAF 2008 Classification (France, INSEE)		DUR. (Years)	Task / additional information	Exposure
	Code	Occupation	Code	Activity			
99	7 123	Plasterers	4 331	Plastering	40	Plasterers	Asbestos, PAH, Silica, Paint
	7 119	Building frame and related trades workers not elsewhere classified	4 332	Carpentry work (wood, plastic, metal)	2	Carpenters, plasterers	
126	7 223	Metal working machine tool setters and operators	2 932	Automotive equipment manufacturing	17	Car shock absorber	PAH, Chrome
	3 122	Manufacturing supervisors	2 932	Automotive equipment manufacturing	29	Car shock absorber	
152	9 329	Manufacturing labourers not elsewhere classified	2 932	Automotive equipment manufacturing	10		Asbestos
	9 112	Cleaners and helpers in offices, hotels and other establishments	8 121	Buildings cleaning	10		
	9 999	Unemployed	9 820	Housewife	17		
181	7 531	Tailors, dressmakers, furriers and hatters	1 419	Clothing and Accessories Manufacturing	6		Asbestos
	9 321	Hand packers	2 222	Plastic package manufacturing	4		
	9 999	Unemployed	9 820	Housewife	-		
184	2 355	Other arts teachers	8 551	Sport teaching	32		Silica
	2 653	Dancers and choreographers	9 001	Performing Arts	6		
	7 314	Potters and related workers	9 003	Artistic creation (arts and crafts)	12	Ceramist	
193	4 120	Secretaries (general)	2 442	Aluminum production	18		PAH
197	7 211	Metal moulders and coremakers	2 932	Automotive equipment manufacturing	2	Brakes manufacturer	Asbestos, silica, PAH, DEF
	9 329	Manufacturing labourers not elsewhere classified	2 932	Automotive equipment manufacturing	1	Tiles manufacturer	
	9 329	Manufacturing labourers not elsewhere classified	3 299	Other manufacturing NOS	6	Wheels tightening	
	4 110	General office clerks	8 211	Administrative and office services	19	Delivery	

	9 121	Hand launderers and pressers	9 601	Laundry and dry cleaning	13	Maintenance	
201	5 164	Pet groomers and animal care workers	0 150	Culture and animal husbandry	9		Asbestos, Silica
	9 239	Manufacturing labourers not elsewhere classified	2 932	Automotive equipment manufacturing	33	Brakes manufacturer	
202	7 231	Motor vehicle mechanics and repairers	3 317	Transport equipments maintenance and repairing	25	Trucks mechanic	Asbestos, PAH, DEF
	7 231	Motor vehicle mechanics and repairers	4 520	Car maintenance and repair	19		
208	7 221	Blacksmiths, hammersmiths and forging press workers	2 420	Steel tubes and pipes manufacturing	9	Tap manufacturer	Asbestos, PAH
	9 111	Domestic cleaners and helpers	8 121	Buildings cleaning	12		
221	9 629	Elementary workers not elsewhere classified	1 721	Paper and cardboard package manufacturing	30	Molding	Asbestos
227	7 112	Bricklayers and related workers	4 399	Builders	40	Bricklayer	Silica
240	7 224	Metal polishers, wheel grinders and tool sharpeners	2 562	Industrial Mechanic	3	Turning, milling	PAH
	3 135	Metal production process controllers	2 562	Industrial Mechanic	17		
	1 321	Manufacturing managers	2 562	Industrial Mechanic	15		
246	7 421	Electronics mechanics and servicers	3 313	Electronic and optic equipment repairing	16	Public water department	Asbestos, Silica, PAH
	7 421	Electronics mechanics and servicers	3 313	Electronic and optic equipment repairing	8	Wastewater treatment	
	2 330	Secondary education teachers	8 531	Teaching (secondary school)	1	Sport teacher	
253	9 329	Manufacturing labourers not elsewhere classified	1 399	Textile manufacturing NOS	3		Silica, PAH
	7 211	Metal moulders and coremakers	2 454	Metal foundry	3	Foundry (noyauterie)	
	7 224	Metal polishers, wheel grinders and tool sharpeners	2 594	Screw and bolt manufacturing	3	Boring	
	4 110	General office clerks	8 211	Administrative and office services	28		

	9 999	Unemployed	9 820	Housewife	9		
254	7 313	Jewellery and precious-metal workers	3 212	Jewellery manufacturing	44		Silica
	3 322	Commercial sales representatives	6 831	Real estate agency	26		
261	3 343	Administrative and executive secretaries	8 211	Administrative and office services	2		PAH
	9 999	Unemployed	9 820	Housewife	9		
277	9 333	Freight handlers	1 629	Wood and cork product manufacturing	16	Cork manufacturer	Asbestos, Silica, PAH, Chrome
	7 121	Roofers	4 399	Waterproofing work	27	Building roofs	
280	2 113	Chemists	2 110	Basic pharmaceutical products manufacturing	37		Asbestos
290	8 332	Heavy truck and lorry drivers	4 941	Truck transport	25	Chemicals transport	PAH, DEF
	8 332	Heavy truck and lorry drivers	4 941	Truck transport	5		
297	1 420	Retail and wholesale trade managers	4 669	Wholesale in equipments for trading	52		Asbestos
	9 334	Shelf fillers	4 711	Shelving, inventory checking	11		
300	4 120	Secretaries (general)	8 211	Administrative and office services	4		PAH
	9 999	Unemployed	9 820	Housewife	11		
304	7 126	Plumbers and pipe fitters	4 322	Water and gas network installation	4		PAH, DEF
	8 332	Heavy truck and lorry drivers	4 941	Truck transport	34		
	7 231	Motor vehicle mechanics and repairers	4 520	Car maintenance and repair	5		
316	5 223	Shop sales assistants	4 532	Retail trade in automotive equipment	5		Asbestos, Silica, PAH, DEF
	1 221	Sales and marketing managers	4 799	Distance selling	10		
	1 321	Manufacturing managers	8 211	Administrative and office services	20		
320	9 111	Domestic cleaners and helpers	8 121	Buildings cleaning	19	Cooking	Asbestos, PAH

	9 112	Cleaners and helpers in offices, hotels and other establishments	8 121	Buildings cleaning	2	Cooking	
	9 112	Cleaners and helpers in offices, hotels and other establishments	8 121	Buildings cleaning	2	Cooking	
	3 212	Medical and pathology laboratory technicians	8 129	Cleaning activity NOS	1		
	3 212	Medical and pathology laboratory technicians	8 690	Medical laboratory	20	Chemicals preparation	
322	9 321	Hand packers	3 230	Games and toy manufacturing	2	Spray painting	
	5 245	Service station attendants	4 730	Retail sale of fuel	1		
	4 120	Secretaries (general)	8 211	Administrative and office services	8		PAH, DEF, Paints
	5 169	Personal services workers not elsewhere classified	9 609	Personal services NOS	3		
	9 999	Unemployed	9 820	Housewife	26		
323	4 132	Data entry clerks	8 211	Administrative and office services	31		PAH
364	7 511	Butchers, fishmongers and related food preparers	1 011	Manufacturing and storing of butcher's meat	24		
	7 318	Handicraft workers in textile, leather and related materials	1 419	Clothing and Accessories Manufacturing	7		
	8 143	Paper products machine operators	1 723	Stationery manufacturing	4		PAH
	5 312	Teachers' aides	8 560	Teacher' aides	3		
	5 311	Child care workers	8 891	Child care	2		
	5 152	Domestic housekeepers	9 609	Personal services NOS	3		
380	2 341	Primary school teachers	8 520	Teaching (primary school)	37		Silica, PAH, Chrome, Paints
383	7 212	Welders and flamecutters	2 599	Metal products manufacturing	1	Blowpipe; scrap cutting	Asbestos

	7 222	Toolmakers and related workers	2 599	Domestic metal products manufacturing	1	Brakes manufacturer	
	9 312	Civil engineering labourers	4 299	Civil engineering building	1		
	5 141	Hairdressers	9 602	Hairdressing	-		
	9 999	Unemployed	9 999	Unemployed	28		
402	3 135	Metal production process controllers	2 410	Steel Industry	1	Oven management	Asbestos, Silica, PAH, Chrome
	2 423	Personnel and careers professionals	7 010	Management	15	National railway society	
	2 149	Engineering professionals not elsewhere classified	7 010	Management	3	Maintenance in railway tunnels	
	2 423	Personnel and careers professionals	7 111	Architecture activity	9	Foreman in railway	
	2 149	Engineering professionals not elsewhere classified	7 112	Engineering, technical studies	2	Technical director in railway	
	2 149	Engineering professionals not elsewhere classified	7 112	Engineering, technical studies	2	Maintenance in railway	
	2 149	Engineering professionals not elsewhere classified	7 112	Engineering, technical studies	1		
405	9 329	Manufacturing labourers not elsewhere classified	3 213	Fashion jewellery manufacturing	4	Copper welding	Asbestos, PAH, Paints
	5 242	Sales demonstrators	4 754	Household retail sale	5		
	3 322	Commercial sales representatives	4 754	Household retail sale	5		
	5 223	Shop sales assistants	4 754	Household retail sale	15		
	8 350	Ships' deck crews and related workers	5 020	Boat transport	10		
	9 999	Unemployed	9 999	Unemployed	3	Houses construction	
406	8 332	Heavy truck and lorry drivers	4 941	Truck transport	40		PAH, DEF
	5 131	Waiters	5 610	Restaurant	4		
412	4 120	Secretaries (general)	8 211	Administrative and office services	32		PAH

418	8 152	Weaving and knitting machine operators	1 320	Weaving	1		Asbestos
	9 321	Hand packers	1 419	Clothing and Accessories Manufacturing	12		
	8 212	Electrical and electronic equipment assemblers	2 612	Electronic circuits manufacturing	1	Welding	
	9 999	Unemployed	9 820	Housewife	-	Housewife	
423	7 112	Bricklayers and related workers	4 312	Earthwork	33	Builder; plasterer	Asbestos, Silica, PAH, Chrome, Paints
438	7 222	Toolmakers and related workers	3 030	Air and space construction	37	Drilling; sgarpennig	PAH, Chrome
474	7 231	Motor vehicle mechanics and repairers	3 040	Military vehicles construction	34		Asbestos, Silica, PAH, DEF
	7 233	Agricultural and industrial machinery mechanics and repairers	9 601	Laundry and dry cleaning	1	Maintenance	
478	9 111	Domestic cleaners and helpers	2 751	Household equipments manufacturing	17		Asbestos
	9 321	Hand packers	2 751	Household equipments manufacturing	9	Welding	
	8 219	Assemblers not elsewhere classified		Missing	-		