

Appendix E. Exposure Related Assumptions Associated with Specific NHAPS Activities and Ages

NHAPS Activity	Activity class	Dermal transfer (1/hr)	Effective Dermal Exposure Duration (hr)	Clothing factor (unitless)	Hand to mouth frequency (events/hr)	Fraction of hand in mouth (unitless)	Replenishment ratio (unitless)	Soil intake (mg/hr)	Grass intake (cm²/hr)
active sports									
0 yr(r) to 1 yr(s)	Moderate	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Heavy	2.4	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Heavy	0.74	24	1	0	0	0	0	0
animal care									
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Moderate	0.66	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Moderate	0.49	24	1	0	0	0	0	0
art									
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Light	0.43	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Light	0.19	24	1	0	0	0	0	0
attending fulltime school									
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Light	0.43	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Light	0.19	24	1	0	0	0	0	0
baby care									
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Moderate	0.66	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Moderate	0.49	24	1	0	0	0	0	0
bars/lounges									
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0
bathing, etc									
0 yr(r) to 1 yr(s)	Moderate	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Moderate	0	24	1	20	0.063	0	0	0
6 yr(r) to 85 yr(s)	Moderate	0	24	1	0	0	0	0	0
breaks									
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Light	0.43	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Light	0.19	24	1	0	0	0	0	0
car repair/maintenance									
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Moderate	0.66	24	1	20	0.063	1	0	0

6 yr(r) to 85 yr(s)	Moderate	0.49	24	1	0	0	0	0	0	
car repair/services										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Moderate	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Moderate	0.49	24	1	0	0	0	0	0	
child care										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0	
child care travel										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0.001	0	0	
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0	
child/youth/family										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Moderate	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Moderate	0.49	24	1	0	0	0	0	0	
cleaning house										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Moderate	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Moderate	0.49	24	1	0	0	0	0	0	
clothes care										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Moderate	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Moderate	0.49	24	1	0	0	0	0	0	
computer use										
0 yr(r) to 1 yr(s)	Sedentary	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Sedentary	0.43	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Sedentary	0.19	24	1	0	0	0	0	0	
conversations										
0 yr(r) to 1 yr(s)	Sedentary	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Sedentary	0.43	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Sedentary	0.19	24	1	0	0	0	0	0	
domestic crafts										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.43	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.19	24	1	0	0	0	0	0	
dressng, etc										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0	

6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0	
eating										
0 yr(r) to 1 yr(s)	Moderate	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Moderate	0	24	1	20	0.063	0	0	0	
6 yr(r) to 85 yr(s)	Moderate	0	24	1	0	0	0	0	0	
entertainment										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0	
errands										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0	
exercise										
0 yr(r) to 1 yr(s)	Moderate	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Heavy	2.4	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Heavy	0.74	24	1	0	0	0	0	0	
food cleanup										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0	
food preparation										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0	
games										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Moderate	2.4	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Moderate	0.74	24	1	0	0	0	0	0	
gardening										
0 yr(r) to 6 yr(s)	Unknown	0	2	0	0	0	0	0	0	
6 yr(r) to 12 yr(s)	Unknown	0	2	0	0	0	0	0	0	
12 yr(r) to 85 yr(s)	Unknown	0.28	2	1	0	0	0	0	0	
govt financial services										
0 yr(r) to 1 yr(s)	Sedentary	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Sedentary	0.43	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Sedentary	0.19	24	1	0	0	0	0	0	
help and care										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0	

6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0	
helping/teaching										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0	
hobbies										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.43	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.19	24	1	0	0	0	0	0	
homework										
0 yr(r) to 1 yr(s)	Sedentary	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Sedentary	0.43	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Sedentary	0.19	24	1	0	0	0	0	0	
indoor playing										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Moderate	2.4	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Moderate	0.74	24	1	0	0	0	0	0	
letters/writing/paperwork										
0 yr(r) to 1 yr(s)	Sedentary	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Sedentary	0.43	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Sedentary	0.19	24	1	0	0	0	0	0	
magazines, etc										
0 yr(r) to 1 yr(s)	Sedentary	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Sedentary	0.43	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Sedentary	0.19	24	1	0	0	0	0	0	
main job										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0	
medical appointments										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0	
medical care										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0	
medical care-child										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0	

6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0	
movies/videos										
0 yr(r) to 1 yr(s)	Sedentary	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Sedentary	0.43	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Sedentary	0.19	24	1	0	0	0	0	0	
music/drama/dance										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Moderate	2.4	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Moderate	0.74	24	1	0	0	0	0	0	
na activities										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0	
other classes										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.43	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.19	24	1	0	0	0	0	0	
other education										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.43	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.19	24	1	0	0	0	0	0	
other household work										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.43	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.19	24	1	0	0	0	0	0	
other organization										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.43	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.19	24	1	0	0	0	0	0	
other repair services										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Moderate	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Moderate	0.49	24	1	0	0	0	0	0	
other repairs										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Moderate	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Moderate	0.49	24	1	0	0	0	0	0	
other services										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Moderate	0.66	24	1	20	0.063	1	0	0	

6 yr(r) to 85 yr(s)	Moderate	0.49	24	1	0	0	0	0	0	
other social										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0	
outdoor cleaning										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Moderate	0.66	24	1	20	0.63	1	0	0	
6 yr(r) to 85 yr(s)	Moderate	0.49	24	1	0	0	0	0	0	
outdoor playing										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Moderate	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Moderate	0.49	24	1	0	0	0	0	0	
outdoor recreation										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Moderate	2.4	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Moderate	0.74	24	1	0	0	0	0	0	
parties										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0	
personal care services										
0 yr(r) to 1 yr(s)	Moderate	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Moderate	0	24	1	20	0.063	0	0	0	
6 yr(r) to 85 yr(s)	Moderate	0	24	1	0	0	0	0	0	
personal hygiene										
0 yr(r) to 1 yr(s)	Moderate	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Moderate	0	24	1	20	0.063	0	0	0	
6 yr(r) to 85 yr(s)	Moderate	0	24	1	0	0	0	0	0	
plant care										
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0	
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0	
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0	
playing golf										
0 yr(r) to 12 yr(s)	Unknown	0	0	0	0	0	0			
12 yr(r) to 85 yr(s)	Unknown	0.042	24	1	0	0	0	0	0	
playing with pet										
0 yr(r) to 1 yr(s)	Rest	0	24	0	60	0.5	0			
1 yr(r) to 6 yr(s)	Moderate	0.1	24	1	26	0.05	1			
6 yr(r) to 85 yr(s)	Moderate	0.1	24	1	0	0	0			

professional union

0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Light	0.43	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Light	0.19	24	1	0	0	0	0	0

radio

0 yr(r) to 1 yr(s)	Sedentary	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Sedentary	0.43	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Sedentary	0.19	24	1	0	0	0	0	0

reading books

0 yr(r) to 1 yr(s)	Sedentary	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Sedentary	0.43	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Sedentary	0.19	24	1	0	0	0	0	0

reading newspaper

0 yr(r) to 1 yr(s)	Sedentary	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Sedentary	0.43	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Sedentary	0.19	24	1	0	0	0	0	0

records/tapes

0 yr(r) to 1 yr(s)	Sedentary	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Sedentary	0.43	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Sedentary	0.19	24	1	0	0	0	0	0

religious groups

0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0

religious prices

0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0

second job

0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0

shopping for clothes/hh items

0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0

shopping for food

0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0

sleeping/napping									
0 yr(r) to 1 yr(s)	Moderate	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Moderate	0	24	1	20	0.063	0	0	0
6 yr(r) to 85 yr(s)	Moderate	0	24	1	0	0	0	0	0
special interest									
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Light	0.43	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Light	0.19	24	1	0	0	0	0	0
sports event									
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Moderate	2.4	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Moderate	0.74	24	1	0	0	0	0	0
talking/reading									
0 yr(r) to 1 yr(s)	Sedentary	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Sedentary	0.43	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Sedentary	0.19	24	1	0	0	0	0	0
thinking/relaxing									
0 yr(r) to 1 yr(s)	Sedentary	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Sedentary	0.43	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Sedentary	0.19	24	1	0	0	0	0	0
travel to/from work									
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0
travel, passive leisure									
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0
tv									
0 yr(r) to 1 yr(s)	Sedentary	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Sedentary	0.43	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Sedentary	0.19	24	1	0	0	0	0	0
unemployment									
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Light	0.43	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Light	0.19	24	1	0	0	0	0	0
using library									
0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Light	0.43	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Light	0.19	24	1	0	0	0	0	0

visiting

0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0

volunteer helping

0 yr(r) to 1 yr(s)	Light	0	24	1	60	0.5	0	0	0
1 yr(r) to 6 yr(s)	Light	0.66	24	1	20	0.063	1	0	0
6 yr(r) to 85 yr(s)	Light	0.49	24	1	0	0	0	0	0