PopSim   — ☐ ✕

Introduction
Years
Response
PM changes
Ages affected
Lag type
Other
Run

Step1: Enter scenario name   US Run

Step 2: Select start and end years

    Start year   1990 ▲▼

    End year   2050 ▲▼
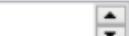
[<Back]   [Next>]

PopSim

Introduction	**Step 3: Choose dose-response technique and beta source**
Years	**Dose-response technique**
Response	⦿ **Aggregated**
PM changes	◯ **Disaggregated**
Ages affected	**Beta source**
Lag type	⦿ **Beta from study**
Other	◯ **Input beta on this form**
Run	

Study to use for beta value | Krewski et al., 2009 ▾

PM threshold for beta?
⦿ **No PM threshold**
◯ **Yes - PM threshold exists**

<Back   Next>

PopSim

Introduction

Years

Response

PM changes

Ages affected

Lag type

Other

Run

Step 4: PM changes by year

Year	PM change (ug/m^3)
1995	1.5
2000	1.1
2004	0.8
2010	2.2
2013	0.8

PM trajectory

- ● **Linear**
- ○ **Step**

<Back   Next>

PopSim

Introduction	
Years	
Response	
PM changes	
Ages affected	
Lag type	
Other	
Run	

Step 5: Specify age range affected

Youngest	Oldest
30	100

Age-specific adjustment factors

	Start (youngest)	End (oldest)	Adjustment factor
Range 1	0	0	1
Range 2	0	0	1
Range 3	0	0	1
Range 4	0	0	1
Range 5	0	0	1

<Back   Next>

PopSim

□ □ ✕

Introduction

Years

Response

PM changes

Ages affected

Lag type

Other

Run

Step 6: Specify lag type

Lag type

◉ **Single lag**

Lag function type

◉ **HES default**

○ **Smooth**

○ **User defined**

<Back

Next>

PopSim

Introduction

Years

Response

PM changes

Ages affected

Lag type

Other

Run

Step 7: Other options

Should births be based on dynamic view of maternal survival rates?

○ Yes ◉ No

<Back

Next>

PopSim

Introduction

Years

Response

PM changes

Ages affected

Lag type

Other

Run

Step 8: Run model

Run model

<Back

Step 1: Choose Country

Chile

Step 2: Input begin and end years ⓘ

Begin Year: 1990

End Year: 2050

Step 3: Concentration-response relationship

Select Beta type
- ◉ Study Beta
- ○ User-Entered Beta

Study

Krewski et al., 2009

Beta: 0.005826890812

If no Beta is specified here by the user, the model will pull the Beta value from the relevant study.

Step 4: Input PM changes (Units: ug/m3) ⓘ

Change in Particulate Matter Concentration

Year	PM Change
1995	12.2
2000	22.4
2005	9.1
2010	0.2
2014	-1.9

PM Trajectory ⓘ
- ◉ Linear
- ○ Step

Step 5: Specify lag type ⓘ

Lag Function Type
- ◉ HES Default
- ○ Smooth
- ○ User-Defined

Single Lag

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Step 6: Other options

Should births be based on dynamic view of maternal survival rates?

- ○ Yes
- ◉ No

Step 7: Input scenario name and run model

Scenario Name

Santiago Run