



## **Supplementary Material**

**Article Title:** The Economic Burden of Schizophrenia in the United States in 2013

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**Supplementary eTable 1: Summary of 2013 Excess Direct Non-Healthcare Costs for Schizophrenia in the United States**

Direct non-healthcare item and cost	Cost (in million USD)	Components
Incarceration	3,637	
State and Federal prisons:	2,704	Excess no. patients: 31,317 <sup>1-3</sup> Daily cost of incarceration: \$236.39 <sup>4-7</sup>
Jails:	933	Excess no. patients: 18,128 <sup>1-3</sup> Daily cost of incarcerations: \$140.85 <sup>4-7</sup>
Judicial and legal services	2,504	Annual arrest rate: 7.20% <sup>8</sup> Excess annual arrest rate: 3.38% (calculated) <sup>9</sup> No. patients at risk: 3,370,854 (calculated) <sup>10,11</sup> Excess no. patient arrests: 113,817 (calculated) No. arrests in US: 12,196,959 <sup>9</sup> Excess rate of arrest in patients: 0.93% (calculated) <sup>8,9</sup> Judicial and legal expenditures: \$268,320,766,802 <sup>12</sup>

Police protection	1,024	% patients who are crime victims: 12.70% <sup>8</sup>  Excess annual crime rate of schizophrenia population: 5.52% (calculated) <sup>8</sup>  Excess no. crimes against schizophrenia patients: 191,837 <sup>8</sup>  Average police cost per crime: \$5,336 <sup>12,13</sup>
Research and training	232 <sup>14</sup>	
Shelters for the homeless	1,896	Excess no. homeless patients: 301,439 <sup>3,14-17</sup>  Excess no. patients in shelters: 114,081 (calculated) <sup>18,19</sup>  Daily cost to shelter an individual: \$45.51 <sup>20</sup>

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**Supplementary eTable 2: Impact of Sensitivity Analyses on Total Excess Costs vs. Core Analysis**

	Components Varied for Sensitivity Analyses				Total Excess Costs (in million USD)	Impact on Total Excess Costs vs. Core Analysis
	Uninsured Schizophrenia Patients	Schizophrenia Patients Victims of Crimes	Number of Hours Devoted to Caregiving (weekly)	Schizophrenia Patients in Contact with Family Caregivers		
Core Analysis	12.9%	12.7%	20	65.0%	155,694	–
Sensitivity 1	0.0%	–	–	–	161,263	3.6%
Sensitivity 2	–	17.7%	–	–	156,632	0.6%
Sensitivity 3	–	–	15.5	–	143,782	-7.7%
Sensitivity 4	–	–	–	50.0%	143,580	-7.8%
Sensitivity 5	–	–	–	80.0%	167,807	7.8%
Sensitivity 6	0.0%	17.7%	–	–	162,201	4.2%
Sensitivity 7	0.0%	–	15.5	–	149,352	-4.1%
Sensitivity 8	0.0%	–	–	50.0%	149,150	-4.2%
Sensitivity 9	0.0%	–	–	80.0%	173,377	11.4%
Sensitivity 10	–	17.7%	15.5	–	144,720	-7.0%
Sensitivity 11	–	17.7%	–	50.0%	144,518	-7.2%
Sensitivity 12	–	17.7%	–	80.0%	168,746	8.4%
Sensitivity 13	–	–	15.5	50.0%	134,418	-13.7%
Sensitivity 14	–	–	15.5	80.0%	153,147	-1.6%
Sensitivity 15	0.0%	17.7%	15.5	–	150,290	-3.5%
Sensitivity 16	0.0%	17.7%	–	50.0%	150,088	-3.6%
Sensitivity 17	0.0%	17.7%	–	80.0%	174,315	12.0%
Sensitivity 18	0.0%	–	15.5	50.0%	139,987	-10.1%
Sensitivity 19	0.0%	–	15.5	80.0%	158,716	1.9%
Sensitivity 20	–	17.7%	15.5	50.0%	135,356	-13.1%
Sensitivity 21	–	17.7%	15.5	80.0%	154,085	-1.0%
Sensitivity 22	0.0%	17.7%	15.5	50.0%	140,925	-9.5%
Sensitivity 23	0.0%	17.7%	15.5	80.0%	159,654	2.5%

Note: "–" no change from the core analysis

