



# Disclaimer

#### Disclaimer for Materials Posted on this Web Page

The model, accompanying documentation, and methodologies contained herein do not represent an official position, statement, or endorsement on behalf of the Society of Actuaries or its members, nor should the material be construed to do so. It is the product of a research effort commissioned by the Society of Actuaries to add to the library of resource tools for the estimation of long-term health care cost trends and further knowledge in that area. The model is neither intended to preclude the use of other methodologies for estimation of long-term health care cost trends for any purpose nor provide a statement or position on the use, application, or preferability of other methodologies as compared to the methodology described herein.

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## STEP 1

#### INPUT SHORT TERM RATES

- SOA-Getzen Model 3.1 (Dec 2007): Baseline Default Assumptions and User Inputs
- General input instructions: To change baseline default assumptions,
- input user-desired values in the shaded cells with bold blue numbers

Tread	Implied	Short	Deselies
Years	cost	Rates	Assumptions
2007	\$7,488		
2008	\$8,050	7.5%	7.5%
2009	\$8,653	7.5%	7.5%
2010	\$9,302	7.5%	7.5%
	\$10,000	7.5%	7.5%

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STEP 2 - INPUT 2011	BASELINE COSTS: % GDP	SHARE AND PER C	APITA MEDICAL COS
share (user input):	17.5%	\$ 10,000	2011 per Capita Medical Cost (u input)
Baseline Assumption:	17.5%	\$ 10,000	Baseline Assumption:
Suggested Range:	(16.0% - 18.5%)		
Note: Raise	[2011] cost up or dow	n in [Cell G17] t	o make
2007 costs in	n [Cell G10] match de	esired value.	

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Step 3					
	Inflation (cpi)	Real GDP (per capita)	Income Multiplier	Technology / Taste	Aggregate Factor
Baseline Assumptions:	3.2%	1.9%	1.40	1.2%	7.2%
Suggested Rate:	(1.8 - 5.5)	(0.8 - 3.0)	(0.90 - 1.70)	(0.0 - 2.5)	
User Input for Years 2012+	3.2%	1.9%	1.40	1.2%	7.2%
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STEP 4 (optional) - INPUT DESIRED CAPACITY CONS	TRAINTS AS	SUMPTIONS
	User Input	Baseline Assumption
Health Share of GDP above which cost growth is assumed to meet resistance:	25%	25%
Year after which growth in medical costs is limited to rate of growth in GDP:	2075	2075
Based on the input entries above:	Results	
Projected per capita medical costs in 2025 would be	\$ 25,779	\$25,779
implying a health share of GDP in 2025 of	22.3%	22.3%

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#### Step 5 (Optional ) INPUT OPTIONAL REFINED GROWTH FACTORS ASSUMPTIONS

	Inflation (cpi)	Real GDP (per capita)	Income Multiplier	Technology / Taste	Aggregate Factor
2020 - 2030	3.2%	1.9%	140.0%	1.2%	7.2%
years 2031+	3.2%	1.9%	140.0%	1.2%	7.2%

Note: The default is to use the same parameter assumptions throughout 2012-2099, however the input boxes above can be used to change the parameter values for 2020 - 2030 and 2031+.



		User Input/	
Year	Baseline	Results	Source
2006		* *	{not yet reported by CMS}
2007		* *	н н
2008	7.5%	9.2%	user estimate
2009	7.5%	9.2%	
2010	7.5%	8.4%	
2011	7.5%	6.3%	
2012	7.2%	7.8%	% growth Model Generated
2013	7.2%	10.9%	и п
2014	7.1%	10.2%	н н
2015	7.1%	10.5%	н н

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Year	Baseline	Results	Source
2020	6.9%	6.9%	% growth Model Generated
2025	6.8%	6.8%	" "
2040	6.2%	6.2%	" "
2050	5.9%	5.9%	
2060	5.8%	5.8%	н н
2070	5.7%	5.7%	н н
2080	5.2%	5.2%	
2090	5.2%	5.2%	
2099	5.2%	5.2%	
2100	5.2%	5.2%	
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