

Supplementary Material

Societal Costs of Dementia: 204 Countries, 2000–2019

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Societal costs of dementia: 204 countries, 2000-2019	Error! Bookmark not defined.
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GATHER Checklist

Supplementary Table 1. GATHER Checklist

#	GATHER checklist item	Description of compliance	Reference
Objectives and funding			
1	Define the indicators, populations, and time periods for which estimates were made.	Narrative provided in paper and supplementary methods describing indicators, definitions, and populations	Main text (Methods) and supplementary methods
2	List the funding sources for the work.	Funding sources listed in paper	Main text (Acknowledgments)
Data Inputs			
<i>For all data inputs from multiple sources that are synthesized as part of the study:</i>			
3	Describe how the data were identified and how the data were accessed.	Narrative provided in paper and PRISMA diagrams in supplementary material describing data-seeking methods	Main text (Methods) and supplementary material
4	Specify the inclusion and exclusion criteria. Identify all ad-hoc exclusions.	Narrative provided in paper and supplementary methods describing inclusion and exclusion criteria	Main text (Methods) and supplementary methods
5	Provide information on all included data sources and their main characteristics. For each data source used, report reference information or contact name/institution, population represented, data collection method, year(s) of data collection, sex and age range, diagnostic criteria or measurement method, and sample size, as relevant.	Metadata for data sources by component, geography, cause, risk, or impairment is available through an interactive, online data record	Link to the GHDx to be provided upon publication.
6	Identify and describe any categories of input data that have potentially important biases (e.g., based on characteristics listed in item 5).	Summary of known biases included in paper narrative	Main text (Limitations)
<i>For data inputs that contribute to the analysis but were not synthesized as part of the study:</i>			
7	Describe and give sources for any other data inputs.	Will be included in GHDx link	Link to the GHDx to be provided upon publication.
<i>For all data inputs:</i>			
8	Provide all data inputs in a file format from which data can be efficiently extracted	Downloads of input data available through online tools such as the Global Health Data	The Global Health Data Exchange, http://ghdx.healthdata.org

	(e.g., a spreadsheet as opposed to a PDF), including all relevant meta-data listed in item 5. For any data inputs that cannot be shared due to ethical or legal reasons, such as third-party ownership, provide a contact name or the name of the institution that retains the right to the data.	Exchange website;online tools, including data visualization tools; input data not available in tools will be made available upon request. Contacts and institution names will be provided for any input data that could not be shared.	
Data analysis			
9	Provide a conceptual overview of the data analysis method. A diagram may be helpful.	Flow diagrams, write ups of the overall methodological processes, as well as specific modeling processes, have been provided	Main text (Methods) and supplementary methods
10	Provide a detailed description of all steps of the analysis, including mathematical formulae. This description should cover, as relevant, data cleaning, data pre-processing, data adjustments and weighting of data sources, and mathematical or statistical model(s).	Flow diagrams and corresponding methodological write-ups have been provided	Main text (Methods) and supplementary methods
11	Describe how candidate models were evaluated and how the final model(s) were selected.	Details on evaluation of model performance have been provided	Supplementary methods
12	Provide the results of an evaluation of model performance, if done, as well as the results of any relevant sensitivity analysis.	Details on evaluation of model performance have been provided	Main text (Methods – 3.2 Sensitivity Analyses) and supplementary methods
13	Describe methods for calculating uncertainty of the estimates. State which sources of uncertainty were, and were not, accounted for in the uncertainty analysis.	Details on uncertainty calculations have been provided	Main text (Methods)
14	State how analytic or statistical source code used to generate estimates can be accessed.	Access statement provided	Code is provided in an online repository, link to the GHDx to be provided upon publication.
Results and Discussion			
15	Provide published estimates in a file format from which data can be efficiently extracted.	Results are available through the Global Health Data Exchange	Link to the GHDx to be provided upon publication.
16	Report a quantitative measure of the uncertainty of the estimates (e.g. uncertainty intervals).	Uncertainty intervals are provided for final estimates	Main text, supplementary methods, and online data tools (the Global Health Data Exchange, link to the

			GHDx to be provided upon publication.)
17	Interpret results in light of existing evidence. If updating a previous set of estimates, describe the reasons for changes in estimates.	Discussion of methodological differences between our estimates and other available evidence provided in the paper and supplementary methods	Main text (Methods and Discussion) and supplementary methods
18	Discuss limitations of the estimates. Include a discussion of any modelling assumptions or data limitations that affect interpretation of the estimates.	Discussion of limitations was provided	Main text (Limitations)

Literature Reviews

Supplementary Table 2. Parameters from each study, by country

Citation	Author year	Location	Direct costs			Diagnosis rates			Institutionalization rate	Caregiver sex	Caregiving time				
			Community [cost]	Institution [cost]	other [cost]	Community [beta]	Institution [beta]	other [beta]	% in nursing home	% female	ADL	ADL+IADL	IADL	supervision	total
[6]	Allegri 2007	Argentina			X										
[7]	Allegri 2007	Argentina	X					X							
[208]	Panyavin 2015	Argentina							X						X
[226]	Rojas 2011	Argentina		X											
[234]	Schaller 2015	Argentina	X	X											
[24]	Australian 2006	Australia			X										
[39]	Braun 2020	Austria			X										
[177]	Meijer 2022	Austria									X				
[125]	Jönsson 2006	Belgium			X										
[177]	Meijer 2022	Belgium									X				
[184]	Misplon 2004	Belgium	X												X
[240]	Scuvee-Moreau 2002	Belgium	X	X											
[259]	Vandepitte 2020	Belgium	X												
[82]	Ferretti 2018	Brazil			X										
[98]	Gratao 2010	Brazil							X						X
[195]	Nakamura 2015	Brazil													
[8]	Alzheimer 2016	Canada						X							
[40]	Bronskill 2004	Canada			X										
[66]	Colucci 2014	Canada	X												
[73]	DeKosky 2001	Canada			X										
[110]	Herrmann 2010	Canada	X												
[189]	Moïse 2004	Canada			X										
[247]	Sternberg 2000	Canada				X									
[112]	Hojman 2017	Chile	X					X							
[52]	Cheng 2012	China					X								
[114]	Hu 2015	China			X			X							

[118]	Jia 2018	China			X		X												
	Keogh-Brown																		
[133]	2015	China					X												
[163]	Li 2012	China											X						X
[166]	Liu 2019	China											X						X
[167]	Liu, 2013	China				X													
	Mould-Quevedo																		
[188]	2013	China		X															
[265]	Wang 2008	China				X													
[263]	Wang 2014	China											X						X
[276]	Xu 1990	China	X	X	X														
[277]	Yan 2019	China				X													
[279]	Yu 2015	China											X						X
[280]	Yu 2021	China				X													
[211]	Prada 2017	Colombia				X													
	Holmerováj																		
[113]	2017	Czechia				X													
[174]	Marešová 2016	Czechia		X		X													
[177]	Meijer 2022	Czechia																	
	Frahm-																		
[87]	Falkenberg 2016	Denmark				X													
[146]	Kronborg 1999	Denmark				X													
[162]	Leung 2003	Denmark				X													
[177]	Meijer 2022	Denmark																	
[252]	Søgaard 2009	Denmark				X													
[251]	Søgaard2014	Denmark				X													
[234]	Schaller 2015	Denmark				X													
[177]	Meijer 2022	Estonia																	
[274]	Wübker 2015	Estonia	X	X															
[117]	Jetsonen 2021	Finland				X													
[253]	Taipale 2016	Finland				X													
[257]	Tolppanen 2015	Finland		X															
[29]	Belger 2019	France				X													
[30]	Bellanger 2011	France																	
[92]	Gervès 2014	France				X							X				X		X
[177]	Meijer 2022	France																	
	Rapp 2012	France	X																

[219]	Rapp 2012	France	X																
[217]	Rapp 2018	France	X																
[222]	Reed 2016	France																	
[221]	Reed 2020	France																	
[225]	Rigaud 2003	France																	
[255]	Takizawa 2015	France																	
[269]	Wimo 2013	France	X																
[43]	Brüggenjürgen 2015	Germany																	
[44]	Brüggenjürgen 2015	Germany																	
[79]	Eichler 2014	Germany																	
[150]	König 2014	Germany	X																
[137]	Kiencke 2010	Germany																	
[136]	Kiencke 2011	Germany																	
[144]	Konig 2014	Germany	X																
[157]	Leicht 2011	Germany																	
[158]	Leicht 2011	Germany																	
[177]	Meijer 2022	Germany																	
[181]	Michalowsky 2016	Germany	X																
[180]	Michalowsky 2018	Germany	X																
[198]	Neubauer 2008	Germany																	
[199]	Neubert 2021	Germany	X																
[221]	Reed 2020	Germany																	
[223]	Reese 2011	Germany	X																
[236]	Schwarzkopf 2011	Germany	X																
[238]	Schwarzkopf 2012	Germany	X																
[239]	Schwarzkopf 2012	Germany																	
[237]	Schwarzkopf 2013	Germany	X																
[187]	Mougias 2015	Greece																	
[34]	Bharmal 2012	Hungary																	
[203]	Oberfrank 2014	Hungary																	

[2]	Aajami 2019	Iran (Islamic Republic of)	X	X																
[129]	Kamalzadeh 2022	Iran (Islamic Republic of)																		X
[45]	Butler 2016	Ireland																		X
[46]	Cahill 2010	Ireland																		X
[49]	Carter 2021	Ireland																		X
[77]	Dowd, 2018	Ireland	X																	
[96]	Gillespie 2013	Ireland	X																	
[95]	Gillespie 2015	Ireland	X																	
[258]	Trepel 2011	Ireland																		X
[27]	Beeri 2002	Israel	X	X																X
[28]	Beeri 2002	Israel																		X
[42]	Bruno 2018	Italy	X																	
[50]	Cavallo 1997	Italy																		X
[53]	Cherubini 2012	Italy																		X
[55]	Chiatti 2015	Italy																		X
[56]	Chiatti 2015	Italy																		X
[65]	Colucci 2018	Italy																		X
[116]	Isaia 2009	Italy	X																	
[177]	Meijer 2022	Italy																		X
[200]	Nobili 2004	Italy																		X
[245]	Socci 2021	Italy																		X
[273]	Wulff 2020	Italy																		X
[21]	Arai 2007	Japan																		X
[102]	Hanaoka 2019	Japan																		X
[103]	Hanaoka 2019	Japan																		X
[107]	Hasegawa 2019	Japan																		X
[185]	Montgomery 2018	Japan																		X
[194]	Nakabe 2018	Japan																		X
[196]	Nakanishi 2020	Japan	X																	X
[229]	Sado 2018	Japan	X	X	X															X
[254]	Takechi 2019	Japan																		X
[23]	Atance 2004	Mexico																		X
[26]	Bakker 2012	Netherlands																		X
[104]	Handels 2013	Netherlands																		X

[105]	Handels 2013	Netherlands			X												
[119]	Joling 2015	Netherlands			X												
[140]	Klein 2022	Netherlands	X	X													
[145]	Kraijo 2014	Netherlands									X						X
[152]	Lang 2017	Netherlands				X											
[255]	Takizawa 2015	Netherlands	X	X													
[76]	Deloitte 2016	New Zealand			X												
[212]	Prince 2004	Nigeria									X	X			X		
[152]	Lang 2017	Norway				X											
[202]	Nygaard 2003	Norway				X											
[260]	Vossius 2014	Norway			X					X							
[261]	Vossius 2015	Norway			X												
[214]	Pudelewicz 2019	Poland									X						X
[47]	Caravau 2015	Portugal			X												
[48]	Caravau 2015	Portugal		X													
[101]	Han 2021	Republic of Korea			X					X							
[132]	Kang 2007	Republic of Korea	X														
[209]	Park 2015	Republic of Korea									X						X
[250]	Suh 2002	Republic of Korea	X	X													
[3]	Abdin 2016	Singapore			X												
[54]	Cheung 2020	Singapore									X						X
[59]	Chong 2013	Singapore									X	X		X	X		
[60]	Chong 2016	Singapore							X								
[130]	Kandiah 2016	Singapore			X												
[155]	Lau 2015	Singapore									X						X
[233]	Saxena 2018	Singapore			X												
[272]	Woo 2017	Singapore								X							
[177]	Meijer 2022	Slovenia										X					
[33]	Bergvall 2011	Spain									X						X
[36]	Boada, 1999	Spain			X												
[64]	Coduras 2010	Spain			X					X							
[70]	Darbà 2015	Spain			X												
[71]	Darbà 2015	Spain			X												

[72]	Darbà 2021	Spain		X																
[81]	Farré 2016	Spain	X																	
	Gustavsson																			
[99]	2011	Spain																		X
[127]	Jönsson 2009	Spain																		X
[170]	Lopez 2012	Spain																		X
	Lopez-Bastida																			X
[171]	2006	Spain																		X
	Lopez-Bastida																			X
[172]	2006	Spain																		X
[177]	Meijer 2022	Spain																		X
[205]	Olazarán 2017	Spain																		X
	Peña-																			X
	Longobardo																			X
[210]	2015	Spain																		X
[216]	Rabasa 2008	Spain																		X
[230]	Salva 2012	Spain	X																	X
[241]	Sicras 2005	Spain																		X
	Soto-Gordoa																			X
[246]	2014	Spain	X																	X
				X																X
[288]	Åkerborg 2016	Sweden																		X
[289]	Åkerborg 2016	Sweden																		X
[20]	Annerstedt 2000	Sweden																		X
[33]	Bergvall 2011	Sweden																		X
[37]	Bokberg 2018	Sweden																		X
	Gustavsson																			X
[100]	2010	Sweden																		X
[126]	Jönsson 2006	Sweden																		X
[152]	Lang 2017	Sweden																		X
[177]	Meijer 2022	Sweden																		X
[179]	Mesterton 2010	Sweden																		X
[201]	Nordberg 2005	Sweden																		X
[204]	Olafsdóttir 2000	Sweden																		X
[268]	Wimo 2002	Sweden																		X
[273]	Wulff 2020	Sweden																		X
[83]	Ferretti 2010	Switzerland																		X
[38]	Boluktas 2021	Türkiye																		X
[281]	Zencir 2005	Türkiye																		X

[51]	Chan 2009	Taiwan (Province of China)			X			X							
[58]	Chiu 1999	Taiwan (Province of China)	X	X											
[57]	Chiu 2001	Taiwan (Province of China)	X	X											
[63]	Chung 2014	Taiwan (Province of China)		X											
[88]	Fuh 2008	Taiwan (Province of China)			X										
[147]	Ku 2016	Taiwan (Province of China)			X										
[149]	Kuo 2010	Taiwan (Province of China)	X	X				X							
[164]	Lin 2017	Taiwan (Province of China)							X	X		X	X		X
[61]	Chuakhamfoo 2020	Thailand													X
[62]	Chuakhamfoo 2020	Thailand			X										
[143]	Kongpakwattana 2019	Thailand	X												
[242]	Sittironnarit 2020	Thailand							X						X
[33]	Bergvall 2011	United Kingdom							X						X
[67]	Connolly 2011	United Kingdom					X								
[93]	Getsios 2012	United Kingdom						X							
[109]	Henderson 2019	United Kingdom			X										
[9]	Hutchings 2018	United Kingdom			X										
[121]	Jones 2015	United Kingdom	X					X							
[128]	Kahle-Wrobleski 2015	United Kingdom	X		X			X							

[134]	Khan 2019	United Kingdom			X														
[141]	Knapp 2017	United Kingdom	X																
[142]	Knapp, 2007	United Kingdom	X																
[159]	Lenox-Smith 2016	United Kingdom				X													
[165]	Lithgow 2012	United Kingdom						X											
[168]	Livingston 2004	United Kingdom								X									
[169]	Livingston 2004	United Kingdom				X													
[173]	Macdonald 2003	United Kingdom						X											
[186]	Morris 2015	United Kingdom				X													
[197]	Netten 2001	United Kingdom				X				X									
[213]	Prince, 2014	United Kingdom								X									
[227]	Romeo 2017	United Kingdom				X													
[228]	Romeo 2019	United Kingdom		X															
[231]	Sampson 2009	United Kingdom						X											
[235]	Schneider 2002	United Kingdom									X		X		X		X		X
[262]	Walker 2006	United Kingdom									X								X
[266]	Ward 2003	United Kingdom	X		X					X									
[1]	2018 2018	States of America				X				X									
[4]	Albert 1998	States of America											X						
[5]	Albert 2002	States of America								X									
[10]	Alzheimer's 2008	States of America				X													

[11]	Alzheimer's 2009	United States of America			X				
[12]	Alzheimer's 2010	United States of America			X				
[13]	Alzheimer's 2011	United States of America	X	X	X				
[14]	Alzheimer's 2012	United States of America	X	X	X				
[15]	Alzheimer's 2013	United States of America	X		X				
[16]	Alzheimer's 2014	United States of America	X	X	X				
[17]	Alzheimer's 2015	United States of America	X	X	X				
[18]	Alzheimer's 2016	United States of America	X	X	X		X		
[19]	Amjad 2018	United States of America				X			
[22]	Arling 2013	United States of America	X	X			X		
[25]	Ayyagari 2007	United States of America	X	X	X		X		
[31]	Bender 2017	United States of America			X				
[32]	Bentkover 2012	United States of America			X		X		
[33]	Bergvall 2011	United States of America						X	X
[35]	Bloom 2004	United States of America	X	X			X		

[41]	Brummel-Smith 2001	United States of America						X				
[68]	Costa 2013	United States of America									X	
[69]	Covinsky 2003	United States of America										X
[74]	Deb 2017	United States of America									X	
[75]	Delavande 2013	United States of America	X								X	
[78]	Dura 1990	United States of America										X
[80]	Ernst 1994	United States of America									X	
[84]	Fillit 2002	United States of America									X	
[85]	Fillit 2002	United States of America									X	
[86]	Fisher 2011	United States of America									X	X
[89]	Gaugler 2003	United States of America									X	X
[91]	Geldmacher 2013	United States of America	X									
[90]	Geldmacher 2014	United States of America									X	
[94]	Gilden 2015	United States of America									X	
[97]	Gilligan 2013	United States of America									X	

[106]	Harrow 2004	United States of America		X				
[108]	Hauber 2000	United States of America		X				
[111]	Hill 2002	United States of America		X				
[115]	Hurd 2013	United States of America						X
[120]	Jones 2021	United States of America		X				
[122]	Joyce 2007	United States of America		X				
[123]	Juarez, 2014	United States of America	X					
[124]	Jutkowitz 2017	United States of America		X				
[131]	Kane 2000	United States of America	X	X		X		
[135]	Khandker 2018	United States of America		X				
[138]	Kim 2012	United States of America					X	X
[139]	Kirson 2016	United States of America		X				
[148]	Kuo 2008	United States of America		X				
[151]	Lacey 2013	United States of America		X				
[153]	Langa 2001	United States of America						X

[278]	Yang 2012	United States of America	X					
[282]	Zhao 2008	United States of America	X		X			
[286]	Zhu 2006	United States of America	X					
[283]	Zhu 2008	United States of America	X					
[284]	Zhu 2008	United States of America	X					
[285]	Zhu 2008	United States of America	X					
[287]	Zhu 2008	United States of America	X					

Supplementary Table 3. Number of primary data sources per parameter, by region

Region	Direct costs			Diagnosis rates			Institutionalization rate	Caregiver sex	Caregiving time				
	Community [cost]	Institution [cost]	other [cost]	Community [beta]	Institution [beta]	other [beta]	% in nursing home	% female	ADL	IADL	ADL+IADL	supervision	total
High-income Asia Pacific	4	3	7	1	0	1	7	6	2	2	0	2	5
High-income North America	18	16	57	5	2	3	23	11	2	1	2	1	12
Western Europe	32	18	55	4	8	8	23	21	10	10	11	12	21
Southern Latin America	3	2	1	0	0	0	2	1	0	0	0	0	1
East Asia	4	6	10	0	1	0	8	5	1	1	0	1	5
Central Latin America	0	0	2	0	0	0	1	0	0	0	0	0	0
North Africa and Middle East	1	1	1	0	0	0	1	2	0	0	0	0	2

Central Europe	0	1	5	0	0	0	0	1	0	0	2	0	1
Australasia	0	0	2	0	0	0	0	0	0	0	0	0	0
Tropical Latin America	0	0	1	0	0	1	0	1	0	0	0	0	1
Eastern Europe	1	1	0	0	0	0	0	0	0	0	1	0	0
Southeast Asia	1	0	1	1	0	0	0	1	0	0	0	0	2
Western Sub-Saharan Africa	0	0	0	0	0	0	0	1	1	0	0	1	0

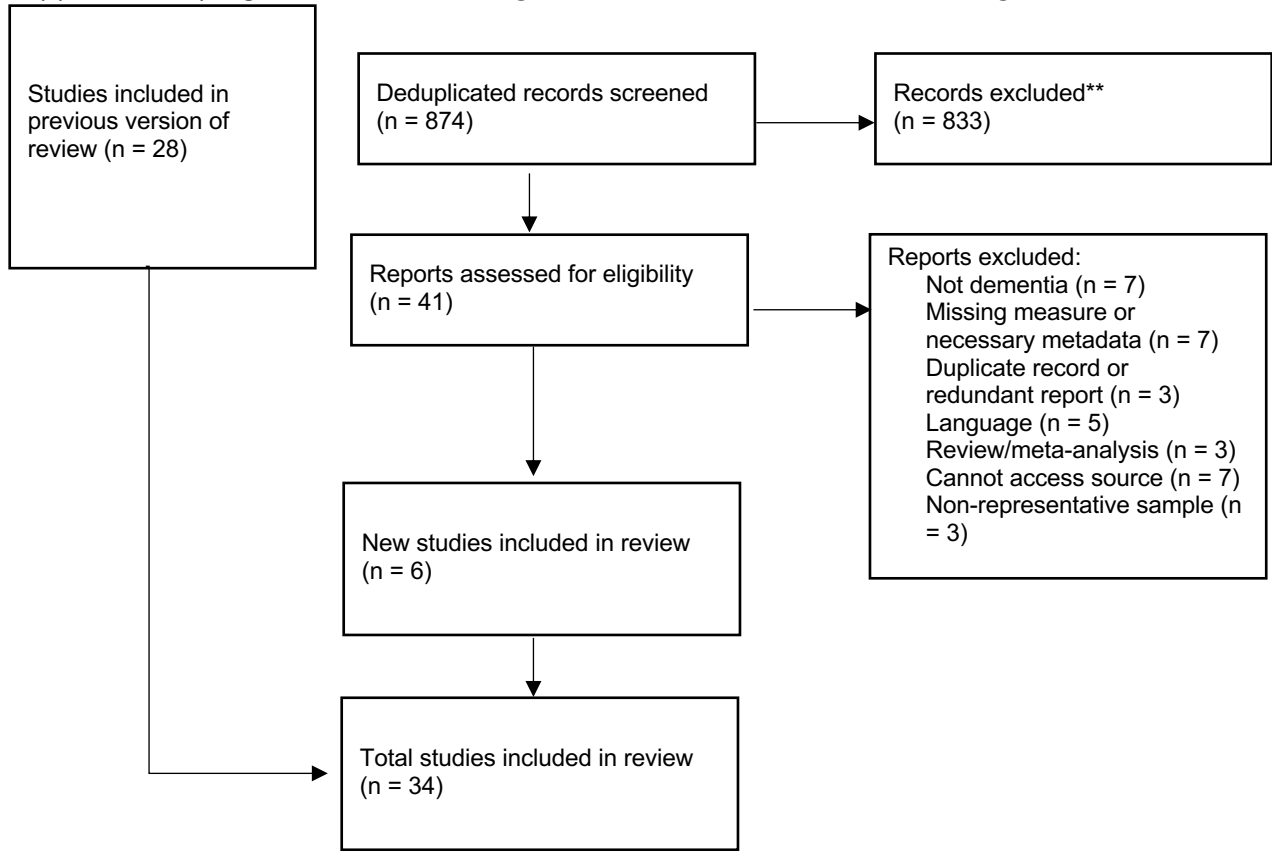
1. Dementia diagnosis rate literature review

The purpose of this review was to find the percent of individuals living with dementia symptoms who have received a dementia diagnosis. Three values were extracted from this literature review – the overall percent of individuals with dementia who are diagnosed, the percent living in the community who are diagnosed, and the percent living in nursing homes who are diagnosed.

Supplementary Table 4. Dementia diagnosis rate systematic review search terms

Date	Database	Years	Search terms
November 29, 2022	PubMed	1990 – 2022	(dementia[MeSH Terms] OR alzheimer* OR dementia) AND (diagnosis[MeSH Terms] OR diagnosis) AND ("undiagnosed diseases"[MeSH Terms] OR "undiagnosed" OR "un-diagnosed" OR "under-diagnosed" OR "underdetected" OR "under-detected" OR "underdetection" OR "under-detection" OR "underrecognition" OR "under-recognition")
November 29, 2022	Web of Science	1990 - 2022	(TS=(dementia) OR TS=(alzheimer*)) AND (TS=(diagnosis)) AND (TS=("undiagnosed diseases") OR TS=("undiagnosed") OR TS=("un-diagnosed") OR TS=("under-diagnosed") OR TS=("underdetected") OR TS=("under-detected") OR TS=("underdetection") OR TS=("under-detection") OR TS=("underrecognition") OR TS=("under-recognition"))
November 29, 2022	Embase	1990 - 2022	('dementia'/mj OR 'alzheimer disease'/mj) AND ('diagnosis'/mj) AND ('undiagnosed disease'/mj OR "undiagnosed" OR "un-diagnosed" OR "under-diagnosed" OR "underdetected" OR "under-detected" OR "underdetection" OR "under-detection" OR "underrecognition" OR "under-recognition")

Supplementary Figure 1. Dementia diagnosis rates literature review flow diagram



Supplementary Table 5. Dementia diagnosis rates bibliography

The papers in the table below are those from which data on diagnosis rates was extracted. As previously mentioned, we extracted dementia diagnosis rates by care setting. The possible care settings are community, institution, both, or not reported.

Publication year	Title	Authors	Care Setting
2022	Characteristics of people living with undiagnosed dementia: findings from the CFAS Wales study.	Laura D. Gamble, Fiona E. Matthews, Ian R. Jones, Alex E. Hillman, Bob Woods, Catherine A. Macleod, Anthony Martyr, Rachel Collins, Claire Pentecost, Jennifer M. Rusted and Linda Clare	Both
2020	Undiagnosed dementia in primary care: a record linkage study	Clare F Aldus, Antony Arthur, Abi Dennington-Price, Paul Millac, Peter Richmond, Tom Denning, Chris Fox, Fiona E Matthews, Louise Robinson, Blossom CM Stephan, Carol Brayne and George M Savva	Both
2020	Characteristics of detected and undetected dementia among community-dwelling older people in Metropolitan Tokyo.	Chiaki Ura, Tsuyoshi Okamura, Hiroki Inagaki, Madoka Ogawa, Hirotohi Niikawa, Ayako Edahiro, Mika Sugiyama, Fumiko Miyamae, Naoko Sakuma, Ko Furuta, Akira Hatakeyama, Fumiko Ogisawa, Michiko Konno, Takahiro Suzuki and Shuichi Awata	Community
2018	Underdiagnosis of Dementia: an Observational Study of Patterns in Diagnosis and Awareness in US Older Adults	Halima Amjad, MD, MPH, David L. Roth, PhD, Orla C. Sheehan, MD, PhD, Constantine G. Lyketsos, MD, MHS, Jennifer L. Wolff, PhD, and Quincy M. Samus, PhD	Community
2018	Electronic medical record (EMR) predictors of undiagnosed dementia	Sei J. Lee, Eric B. Larson, Sascha Dublin, Rod L. Walker, Zachary Marcum, Deborah E. Barnes	Not Reported
2017	Prevalence and determinants of undetected dementia in the community: A systematic literature review and a meta-analysis.	Lang L, Clifford A, Wei L, et al.	Both
2016	Diagnosis of dementia by medical practitioners: a national study among older adults in Singapore	Siow Ann Chonga, Edimansyah Abdina, Janhavi Vaingankara, Li Ling Ngb and Mythily Subramaniam	Not Reported
2015	Dementia underdiagnosis in Brazil	Antonio Eduardo Nakamura, Davi Opaleye, Giovanni Tani, Cleusa P. Ferri	Not Reported
2015	Who has undiagnosed dementia? A cross-sectional analysis of participants of the Aging, Demographics and Memory Study.	George M. Savva and Antony Arthur	Both
2014	Rates of formal diagnosis in people screened positive for dementia in primary care: Results of the Delphi-trial.	Eichler T, Thyrian JR, Hertel J, et al.	Community
2013	Dementia: a state of the nation report on dementia care and support in England	Department of Health, UK.	Not Reported
2012	Under-recognition of dementia in long-term care homes in Hong Kong	Sheung-Tak Chenga, Linda C.W. Lamb and Pizza K. Chowa	Institution

2012	Underrecognition and Undertreatment of Dementia in Italian Nursing Homes	Antonio Cherubini MD, PhD, Carmelinda Ruggiero MD, PhD, Giuseppina Dell'Aquila MD, Paolo Eusebi PhD, Beatrice Gasperini MD, Elisa Zengarini MD, Annarita Cerenzia MD, Giovanni Zuliani MD, PhD, Antonio Guaita MD, Fabrizia Lattanzio MD, PhD	Institution
2011	Underdiagnosis of dementia in primary care: Variations in the observed prevalence and comparisons to the expected prevalence	Amanda Connolly, Ella Gaehla, Helen Martin, Julie Morrisc and Nitin Purandarea	Not Reported
2011	Estimating the prevalence of dementia: cognitive screening in Glasgow nursing homes.	Lithgow S1, Jackson GA, Browne D.	Institution
2010	New diagnoses of dementia among older patients admitted to postacute care.	Ferretti M, Seematter-Bagnoud L, Martin E, Vila CJ.	Not Reported
2009	Dementia in the acute hospital: prospective cohort study of prevalence and mortality	Elizabeth L. Sampson, Martin R. Blanchard, Louise Jones, Adrian Tookman and Michael King	Not Reported
2009	The underdetection of cognitive impairment in nursing homes in the Dublin area. The need for on-going cognitive assessment	SUZANNE CAHILL, ANA M. DIAZ-PONCE, ROBERT F. COEN, CATHAL WALSH, Dementia Services Information and Development Centre (DSIDC),	Institution
2009	Undiagnosed dementia and value of serial cognitive impairment screening in developing countries: a population-based study.	Sutthichai Jitapunkul, Sirintorn Chansirikanjana and Jittima Thamarpirat	Community
2007	Dementia undiagnosed in poor older adults with functional impairment	Wilkins CH, Wilkins KL, Meisel M, Depke M, Williams J, Edwards DF.	Community
2003	Missing the diagnosis: senile dementia in patients admitted to nursing homes.	Nygaard HA, Ruths S.	Institution
2003	The recognition of dementia in non-EMI nursing home residents in South East England.	MacDonald AJD, Carpenter GI.	Institution
2000	Undetected dementia in community-dwelling older people: The Canadian Study of Health and Aging.	Sternberg SA, Wolfson C, Baumgarten M.	Community
2000	Detection of dementia in primary care: the Linköping study.	Olafsdóttir M, Skoog I, Marcusson J.	Not Reported

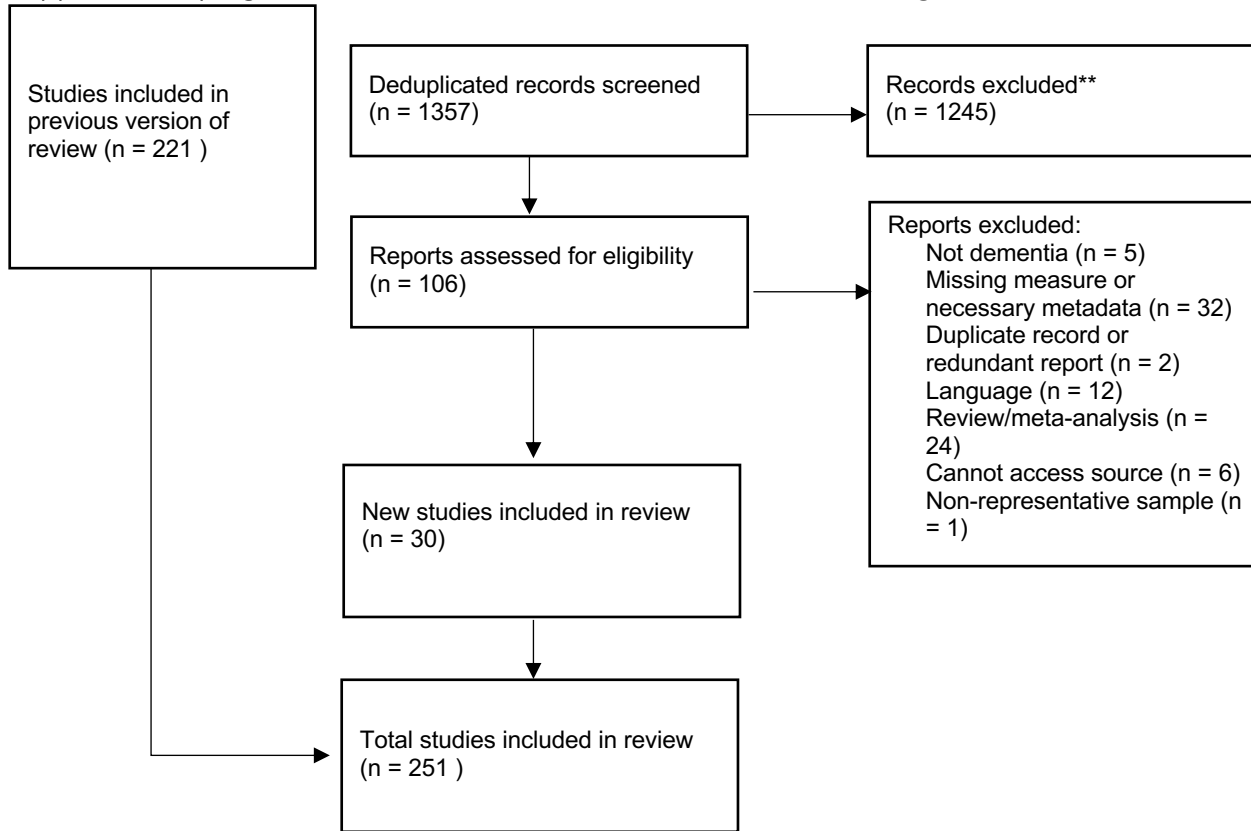
2. Dementia unit cost literature review

The purpose of this review was to find information on per-person direct costs of dementia and the percent of individuals living with dementia who reside in nursing homes. This search was an update of a literature review conducted by Pedroza and colleagues.¹ Their review screened sources from PubMed from 1990-2019; therefore, our PubMed search only includes sources published after the previous search. Three values were extracted from this literature review – the unit cost for a person living with dementia in the community, the unit cost for a person living with dementia in nursing homes, and the percent of people living with dementia who reside in nursing homes.

Supplementary Table 6. Dementia unit cost systematic review search terms

Date	Database	Years	Search terms
November 7, 2022	PubMed	2019 – 2022	("Dementia"[MeSH Terms] OR alzheimer* OR dementia) AND ("Costs and Cost Analysis"[MeSH Terms] OR "Health Expenditures"[MeSH Terms] OR "Cost of Illness"[MeSH Terms])
November 7, 2022	Web of Science	1990 - 2022	(TS=(dementia) OR TS=(alzheimer*)) AND (TS=(health expenditures) OR TS=(cost of illness))
November 7, 2022	Embase	1990 - 2022	('dementia'/mj OR 'alzheimer disease'/mj) AND ('cost of illness'/mj OR 'health care cost'/mj) AND [1990-2022]/py

Supplementary Figure 2. Dementia unit cost literature review flow diagram



Supplementary Table 7. Dementia unit costs bibliography

The papers in the table below are those that after going through our literature review process meet our requirements for data extraction.

Publication year	Title	Authors
2022	Costs of Persons with Dementia Living in Nursing Homes in The Netherlands	Klein PCG, Huygens S, Handels R, Wester V, Kanter TA
2021	Intensive home care supports, informal care and private provision for people with dementia in Ireland	Carter L, O'Neill S, Keogh F, Pierce M, O'Shea E
2021	Hospital incidence, mortality and costs of Alzheimer's disease in Spain: a retrospective multicenter study	Darbà J, Marsà A
2021	Total cost of care increases significantly from early to mild Alzheimer's disease: 5-year ALSOVA follow-up	Jetsonen V, Kuvaja-Köllner V, Välimäki T, Selander T, Martikainen J, Koivisto AM
2021	Agitation in Dementia: Real-World Impact and Burden on Patients and the Healthcare System	Jones E, Aigbogun MS, Pike J, Berry M, Houle CR, Husbands J
2021	Excess costs of dementia in old age (85+) in Germany: Results from the AgeCoDe-AgeQualiDe study	Neubert L, König H, Lobner M, Lupp M, Pentzek M, Fuchs A, et al
2021	The Economic Burden of Alzheimer's Disease in Zhejiang Province	Yu E, Liao Z, Fan W, Hu W, Tian G, Chen K, et al
2020	Cost of care for persons with dementia: using a discrete-time Markov chain approach with administrative and clinical data from the dementia service Centres in Austria	Braun A, Kurzmann P, Hofler M, Haber G, Auer S
2020	Cost of dementia care in rural Thai households	Chuakhamfoo NN, Phantunane P, Chansirikan S, Sakunphanit T, Pannarunothai S
2020	Socioeconomic Costs of Dementia Based on Utilization of Health Care and Long-Term-Care Services: A Retrospective Cohort Study	Han EJ, Lee J, Cho E, Kim H
2020	Costs and Resource Use Associated with Community-Dwelling Patients with Alzheimer's Disease in Japan: Baseline Results from the Prospective Observational GERAS-J Study	Nakanishi M, Igarashi A, Ueda K, Brnabic AJM, Treuer T, Sato M, et al
2020	Factors associated with costs of care in community-dwelling persons with dementia from a third party payer and societal perspective: a cross-sectional study	Vandepitte S, Van Wilder L, Putman K, Van Den Noortgate N, Verhaeghe S, Trybou J, et al
2019	Direct and indirect cost of managing Alzheimer's disease in the Islamic Republic of Iran	Aajami Z, Kebriaeezadeh A, Nikfar S
2019	AGING AND DIVERSITY OF MEDICAL NEEDS: COST OF ILLNESS OF CEREBROVASCULAR DISEASE IN EACH PREFECTURE OF JAPAN	Hasegawa T, Matsumoto K, Hirat K

2019	Use and costs of services and unpaid care for people with mild-to-moderate dementia: Baseline results from the IDEAL cohort study	Henderson C, Knapp M, Nelis S, Quinn C, Martyr A, Wu Y, et al
2019	A Real-World Evidence Analysis of Associations Among Costs, Quality of Life, and Disease-Severity Indicators of Alzheimer's Disease in Thailand	Kongpakwattana K, Dejthevaporn C, Krairit O, Dilokthornsakul P, Mohan D, Chaiyakunapruk N
2019	Increase in direct social care costs of Alzheimer's disease in Japan depending on dementia severity	Takechi H, Kokuryu A, Kuzuya A, Matsunaga S
2019	Associated Factors of Total Costs of Alzheimer's Disease: A Cluster-Randomized Observational Study in China	Yan X, Li F, Chen S, Jia J
2018	HEALTH CARE COSTS AMONG NEWLY DIAGNOSED ALZHEIMER'S DISEASE PATIENTS IN A REAL-WORLD ADMINISTRATIVE CLAIMS DATABASE	Khandker RK, Lipton RB, Thiel E, Brouillette M, Black CM
2018	Healthcare utilization and costs in primary care patients with dementia: baseline results of the Delphi-trial.	Michalowsky B, Flessa S, Eichler T, Hertel J, Dreier A, Zwingmann I, Wucherer D, Rau H, Thyrian JR, Hoffmann W.
2018	2018 Alzheimer's Disease Facts and Figures	Joseph Gaugler, Bryan James, Tricia Johnson
2018	A Comprehensive Measure of the Costs of Caring for a Parent: Differences According to Functional Status	Norma B. Coe, Meghan M. Skira, Eric B. Larson
2018	An Exploratory Cost-Effectiveness Analysis of the Connected Health Intervention to Improve Care for People with Dementia: A Simulation Analysis	William N. Dowd, Alexander J. Cowell, Daniel Regan
2018	Attributable Cost of Dementia: Demonstrating Pitfalls of Ignoring Multiple Health Care System Utilization	Lianlian Lei, Susan G. Cooley, Ciaran S. Phibbs
2018	Bruno 2018 JPAD cost and resource use associated with AD in Italy	Bruno
2018	Comprehensive cost of illness of dementia in Japan: a time trend analysis based on Japanese official statistics	Shimpei Hanaoka Kunichika Matsumoto Takefumi Kitazawa
2018	Dementia -- the true cost: Fixing the care crisis	Rachel Hutchings, Dominic Carter, Katie Bennett
2018	Does Structured Exercise Improve Cognitive Impairment in People with Mild to Moderate Dementia? A Cost-Effectiveness Analysis from a Confirmatory Randomised Controlled Trial: The Dementia and Physical Activity (DAPA) Trial	Iftekhar Khan, Stavros Petrou, Kamran Khan
2018	Evaluation of an integrated primary care-led dementia shared care program in Singapore: An effectiveness and cost-effectiveness study	Nakul Saxena, Pradeep Paul George, Kelvin WS Teo

2018	Ferretti 2018 PO An assesement of direct and indirect costs of dementia in Brazil	Ferretti
2018	Improving the quality of life of care home residents with dementia: Cost-effectiveness of an optimized intervention for residents with clinically significant agitation in dementia	Renee Romeoa, Darshan Zalaa, Martin Knapp
2018	Resource Use and Cost of Alzheimer's Disease in France: 18-Month Results from the GERAS Observational Study.	Rapp T, Andrieu S, Chartier F
2018	The cost of Alzheimer's disease in China and re-estimation of costs worldwide	Jia J, Wei C, Chen S
2018	The estimated cost of dementia in Japan, the most aged society in the world	Mitsuhiro Sadol, Akira Ninomiya, Ryo Shikimoto
2018	The personal cost of dementia care in Japan: A comparative analysis of residence types	Takayo Nakabe Noriko Sasaki Hironori Uematsu
2017	Monetary cost of family caregiving for people with dementia in Singapore.	Woo LL, Thompson CL, Magadi H.
2017	Economic impact of cognitive impairment and dementia.	Cantarero Prieto D.
2017	Actual expense associated with patients with Alzheimer's disease in Colombia	Sergio I Prada; Yuri Takeuchi; Angela M Merchán-Galvis; Yoseth Ariza-Araújo
2017	Costs and quality of life in community-dwelling patients with Alzheimer's disease in Spain: results from the GERAS II observational study	Javier Olazarán; Luis Agüera-Ortiz; Josep María Argimón; Catherine Reed; Antonio Ciudad; Paula Andrade; Tatiana Dilla
2017	Deloitte 2017 Economic Impacts of Dementia 2016 in New Zealand	Deloitte
2017	Dementia in sub-Saharan Africa: Challenges and opportunities	Maëlenn Guerchet, Rosie Mayston, Pter Lloyd-Sherlock
2017	Direct and indirect cost of managing alzheimer's disease and related dementias in the United States	Arijita Deb; James Douglas Thornton; Usha Sambamoorthi; Kim Innes
2017	Economic cost of demenita in Australia	Laurie Brown, Erick Hansnata and Hai Anh La
2017	Executive function, episodic memory, and Medicare expenditures	Bender AC, Austin AM, Grodstein F
2017	Cost of dementia in the Czech Republic	Holmerova
2017	Literature Review of The Cost of Dementia on China	Gurnani M
2017	Monetary cost of family caregiving for people with dementia in Singapore	Lai Leng Woo, Claire L. Thompson, Harish Magadi
2017	Societal and Family Lifetime Cost of Dementia: Implications for Policy	Eric Jutkowitz. Robert L. Kane, Joseph E. Gaugler

2017	The cost of care homes for people with dementia in England: a modelling approach	Renee Romeo, Martin Knapp, Suzanne Salverda
2017	The cost of dementia in an unequal country: The case of Chile	Daniel A. Hojman, Fabian Duarte, Jaime Ruiz-Tagle
2017	Trends in prevalence, incidence, health system use and cost by persons with dementia in Ontario from 2004 and 2013: a population-based study	Susan Bronskill, Jun Guan, Marian Vermeulen
2017	What Drives Country Differences in Cost of Alzheimer's Disease? An Explanation from Resource Use in the GERAS Study	Catherine Reed; Michael Happich; Josep Maria Argimon
2017	WHO the economic burden of dementia in China 1990 to 2013	Xu
2016	Cost Related to Dementia in the Young and the Impact of Etiological Subtype on Cost.	Kandiah N, Wang V, Lin X, Nyu MM, Lim L, Ng A, Hameed S, Wee HL.
2016	Cost of Dementia and Its Correlation With Dependence.	Åkerborg Ö, Lang A, Wimo A, Sköldunger A, Fratiglioni L, Gaudig M, Rosenlund M.
2016	Direct and indirect costs and resource use in dementia care: A cross-sectional study in patients living at home.	Farré M, Haro JM, Kostov B, Alvira C, Risco E, Miguel S, Cabrera E, Zabalegui A.
2016	2016 Alzheimer's disease facts and figures	Alzheimer's Association
2016	Abdin 2016 JAD the societal cost of dementia in Singapore	Abdin
2016	Alzheimer's and Parkinson's Diseases: Expected Economic Impact on Europe-A Call for a Uniform European Strategy	Blanka Klimova; Michal Novotny; Kamil Kuca
2016	Alzheimer's and other dementias in Canada, 2011 to 2031: a microsimulation Population Health Modeling (POHEM) study of projected prevalence, health burden, health services, and caregiving use	Kim Reimer; Larry W Chambers; Julie Bernier
2016	Assessing the economic burden of Alzheimer's disease patients first diagnosed by specialists	J Scott Andrews; Daniel Ball; Kristin Kahle-Wroblewski
2016	Consequences of Anosognosia on the Cost of Caregivers' Care in Alzheimer's Disease	Laia Calvó-Perxas; Jordi Gascón-Bayarri; Josep-Lluís Conde-Sala
2016	Cost of Dementia and Its Correlation With Dependence	Åkerborg Ö, Lang A, Wimo A, Sköldunger A, Fratiglioni L, Gaudig M, Rosenlund M.
2016	Cost-effectiveness of donepezil and memantine in moderate to severe Alzheimer's disease (the DOMINO-AD trial)	Martin Knapp; Derek King; Renée Romeo
2016	Frailty: a costly phenomenon in caring for elders with cognitive impairment	Butler A, Gallagher D, Gillespie P
2016	Health, social and economic consequences of dementias: a comparative national cohort study	S Frahm-Falkenberg; R Ibsen; J Kjellberg; P Jennum

2016	Hospital care and drug costs from five years before until two years after the diagnosis of Alzheimer's disease in a Finnish nationwide cohort	Antti Tanskanen; Jari Tiihonen; Sirpa Hartikainen
2016	Identifying factors of activities of daily living important for cost and caregiver outcomes in Alzheimer's disease.	Reed C, Belger M, Vellas B
2016	Economic impact of dementia by disease severity exploring the relationship between stage of dementia and cost of care in Taiwan	Ku
2016	Prevalence and Monetary Costs of Dementia in Canada	larry Chambers, Christina Bancej, Ian McDowell
2016	Resource utilisation, costs and clinical outcomes in non-institutionalised patients with Alzheimer's disease: 18-month UK results from the GERAS observational study	Jeremie Lebrech; Mark Belger; Roy W Jones
2016	Socio-economic Aspects of Alzheimer's Disease	Hana Mohelská; Josef Dolejš; Kamil Kuca
2016	The Impact of Alzheimer's Disease in an Aging Rural Population	Vivian Minkemeyer; Courtney Wellman; Lynne Goebel
2016	The Impact of Alzheimer's Disease on the Chinese Economy	Henning Tarp Jensen; H Michael Arrighi; Richard D Smith
2016	The economic burden of the care and treatment for people with AD. The outlook for the Czech Republic	
2016	The worldwide costs of dementia 2015 and comparisons with 2010	Anders Wimo, MaCelenn Guerchet, Gemma-Claire Ali
2016	economic analysis of formal care informal care and productivity losses in primary care patients in Germany	Michalowsky2016
2015	Direct costs of dementia in nursing homes	Caravau H, Martin I
2015	Predictors of societal costs in dementia patients and their informal caregivers.	Joling
2015	2015 Alzheimer's disease facts and figures	Alzheimer's Association
2015	An Analysis of the Public Financial Support Eligibility Rule for French Dependent Elders with Alzheimer's Disease.	Rapp T, Lacey L, Ousset PJ
2015	Caravau 2015 AN direct costs of dementia in nursing homes	Caravau
2015	Dependence in Alzheimer's disease and service use costs, quality of life, and caregiver burden: the DADE study	Derek King; Timothy Niecko; Loretto Lacey;
2015	Determinants of societal costs in Alzheimer's disease: GERAS study baseline results	Giuseppe Bruno; Bruno Vellas; Josep Maria Haro
2015	Diagnostic Pathways to Alzheimer Disease: Costs Incurred in a Medicare Population	Joanna M Kubisiak; Khaled Sarsour; Craig A Hunter

2015	Epidemiological and economic burden of Alzheimer's disease: a systematic literature review of data across Europe and the United States of America	Anneloes van Walsem; Céline Faure; William C Maier
2015	Gender Differences: A Lifetime Analysis of the Economic Burden of Alzheimer's Disease	Zhou Yang; Allan Levey
2015	Hospital admissions, outpatient visits and healthcare costs of community-dwellers with Alzheimer's disease	Marjaana Koponen; Hilikka Soininen; Sirpa Hartikainen
2015	Longitudinal costs of caring for people with Alzheimer's disease	Paddy Gillespie, Eamon O'Shea, John Cullinan
2015	Medical management, costs and consequences of Alzheimer's disease in Germany: an analysis of health claims data	Bernd Brüggjenjürgen, Frank Andersohn, Nadja Ezzat
2015	Medical management, costs, and consequences of Alzheimer's disease in Germany: an analysis of health claims data.	Bernd Brüggjenjürgen, Frank Andersohn, Nadja Ezzat
2015	Memantine for treatment of moderate or severe Alzheimer's disease patients in urban China: clinical and economic outcomes from a health economic model	Emilie Clay; Mondher Toumi; Dominique Milea
2015	Methodological challenges in assessing the impact of comorbidities on costs in Alzheimer's disease clinical trials	Jonathan Kurlander; Catherine Reed; Mark Belger
2015	Monetary costs of agitation in older adults with Alzheimer's disease in the UK: prospective cohort study	Cornelius Katona; Claudia Cooper; Gill Livingston
2015	PMH18 - Observational Study of Resource use and Cost of Alzheimer's Disease in Europe (Geras) - 18-Month Results from the French Cohort	Chartier F, Baraille L, Belger M.
2015	REDIC 2015 Rapport Kortversjon Norway	REDIC
2015	Relationship between global severity of patients with Alzheimer's disease and costs of care in Spain; results from the co-dependence study in Spain	J Darbà; L Kaskens; L Lacey
2015	Relationship between patient dependence and direct medical-, social-, indirect-, and informal-care costs in Spain	Darbà J, Kaskens L
2015	The economic impact of moderate stage Alzheimer's disease in Italy: evidence from the UP-TECH randomized trial	Antonio Cherubini; Andrea Corsonello; Fabrizia Lattanzio; UP-TECH research group
2015	The hidden cost of dementia in Wales	Bo Hu, Raphael Wittenberg, Martin Knapp
2015	The main cost drivers in dementia: a systematic review	Sandra Schaller, Josephine Mauskopf, Christine Kriza
2015	World Alzheimer Report 2015: The Global Impact of Dementia	Martin Prince, Anders Wimo, Meelenn Guerchet
2015	Outpatient Care of People with Dementia within Residential Communities in Germany--Care Potential and Cost.	Wübbeler M1, Aßmann G1, Blaut S2, Lueke S1, Hoffmann W1, Fleßa S2.
2015	The Epidemiology of Dementia and Alzheimer Disease in Portugal: Estimations of Prevalence and Treatment-Costs	Sandra Freitas; Vítor Rodrigues; Álvaro Carvalho

2014	The Costs of Dementia From the Societal Perspective: Is Care Provided in the Community Really Cheaper than Nursing Home Care?	Konig H, Leicht H, Brettschneider C, Bachmann C, Bickel H, Fuchs A, et al
2014	Health Insurance Cost Of Alzheimer Dementia In Hungary: A Cost Of Illness Study	Oberfrank F, Donka-Verebes _E, Boncz I
2014	2014 Alzheimer's disease facts and figures	Alzheimer's Association
2014	Alzheimer's disease costs: what we know and what we should take into account	Giuseppe Lucio Gaeta; Giovanna Ricci; Francesco Amenta
2014	Analysis of burden in caregivers of people with Alzheimer's disease using self-report and supervision hours	Haro JM, Kahle-Wroblewski K, Bruno G
2014	Connolly 2014 dem estimating the economic and social cost of dem in Ireland	Connolly
2014	Cost and burden of informal caregiving of dependent older people in a rural Indian community	Ethel M Brinda, Anto P Rajkumar, Ulrika Enemark
2014	Cost of care attributable to Alzheimer's Disease for Medicare enrollees	Juarez D, Davis J
2014	Dementia UK: Update, Second Edition	Prince, M., Knapp, M., Guerchet, M.
2014	Early psychosocial intervention in Alzheimer's disease: cost utility evaluation alongside the Danish Alzheimer's Intervention Study (DAISY)	Dorte V Buss; Kieu T T Phung; Gunhild Waldemar; DAISY Study Investigators
2014	Economic valuation and determinants of informal care to people with Alzheimer's disease	Luz María Peña-Longobardo; Juan Oliva-Moreno
2014	Evaluation of full costs of care for patients with Alzheimer's disease in France: the predominant role of informal care	Chloé Gervès; Pauline Chauvin; Martine Marie Bellanger
2014	Health economic evaluation of treatments for Alzheimer's disease: impact of new diagnostic criteria	L Jonsson; A S Khachaturian; M Kramberger
2014	Implications of early treatment among Medicaid patients with Alzheimer's disease	David S. Geldmacher, Noam Y. Kirson, Howard G. Birnbaum
2014	Increased Healthcare Service Utilizations for Patients with Dementia: A Population-Based Study	Shiu-Dong Chung , Shih-Ping Liu , Jau-Jiuan Sheu , Ching-Chun Lin, Heng-Ching Lin
2014	Cost of dementia in the pre enlargement countries of the EU	LuengoFernandez
2014	The costs of dementia from the societal perspective: is care provided in the community really cheaper than nursing home care?	König HH, Leicht H, Brettschneider C,
2014	Cost of care for people with dem in 8 EU countries	Wubker
2014	The cost of applying the Dependency Law to Alzheimer disease	Arantza Aiarza; Luis Carlos Abecia; Javier Mar

2013	Determinants of care costs of patients with dementia or cognitive impairment.	Handels RL, Wolfs CA, Aalten P, Verhey FR, Severens JL.
2013	2013 Alzheimer's disease facts and figures	Alzheimer's Association
2013	Are community-living and institutionalized dementia patients cared for differently? Evidence on service utilization and costs of care from German insurance claims data	Larissa Schwarzkopf, Petra Menn, Reiner Leidl
2013	Association between illness progression measures and total cost in Alzheimer's disease	Lacey LA, Niecko T, Leibman C
2013	Comparison of informal care time and costs in different age-related dementias: a review	Michel Lamure; Alain Grand; Laurent Molinier
2013	Cost of dementia care in India: Delusion or reality?	Girish N Rao, Srikala Bharath
2013	Cost-effectiveness analyses for mirtazapine and sertraline in dementia: randomised controlled trial.	Romeo R, Knapp M, Hellier J
2013	Determinants of care costs of patients w dementia or cog inp	Handels
2013	Health disparities in cost of care in patients with Alzheimer's disease: an analysis across 4 state Medicaid populations	Daniel C Malone; Terri L Warholak; Edward P Armstrong
2013	Impact of Dementia on Payments for Long-term and Acute Care in an Elderly Cohort	Greg Arling, Wanzhu Tu, Christopher Callahan
2013	Monetary Costs of Dementia in the United States	Michael D. Hurd, Paco Martorell, Adeline Delavande
2013	Pre-Diagnosis Excess Acute Care Costs in Alzheimer's Patients among a US Medicaid Population	David S. Geldmacher, Noam Y. Kirson, Howard G. Birnbaum
2013	Road to the nursing home: costs and disease progression among medicare beneficiaries with ADRD	Lisa Mucha; Michael Treglia; Vincent Mor
2013	The GERAS Study: a prospective observational study of costs and resource use in community dwellers with Alzheimer's disease in three European countries--study design and baseline findings	Diego Novick; Bruno Vellas; Josep Maria Haro
2013	The burden of caring for dementia patients: caregiver reports from a cross-sectional hospital-based study in China	Joaquín F Mould-Quevedo, Boxiong Tang, Eran Harary
2013	The clinical and economic burden of newly diagnosed Alzheimer's disease in a medicare advantage population	Ashish V Joshi; Warachal E Faison; Sonali N Shah
2013	The effects of dependence and function on costs of care for Alzheimer's disease and mild cognitive impairment in Ireland	D Gallagher; A Ni Mhaolain; B. Lawlor for the Enhancing Care in Alzheimer's Disease (ECAD) Study Team
2013	The impact of memantine in combination with acetylcholinesterase inhibitors on admission of patients with	Anna Granghaud; Benoit Rive; Sébastien Bineau

	Alzheimer's disease to nursing homes: cost-effectiveness analysis in France	
2013	The use and costs of formal care in newly diagnosed dementia: a three-year prospective follow-up study	Ingelin Testad; Anders Wimo; Dag Aarsland
2012	12-Month Cost of Illness Study Of Moderate Alzheimer's Disease Patients In Spain: The EVOCOST Study	Salva A, Frank-Garcia A, Lereun C, Gimeno V, Milea D, Bineau S
2012	A longitudinal analysis of the lifetime cost of dementia.	Yang Z, Zhang K, Lin PJ, Clevenger C, Atherly A.
2012	Excess costs of dementia disorders and the role of age and gender - an analysis of German health and long-term care insurance claims data.	Schwarzkopf L, Menn P, Leidl R, Wunder S, Mehlig H, Marx P, Graessel E, Holle R.
2012	Schwarzkopf vih cost of care for dementia patients in community setting Germany	Schwarzkopf
2012	2012 Alzheimer's disease facts and figures	Alzheimer's Association
2012	An economic evaluation of early assessment for Alzheimer's disease in the United Kingdom	Khajak J Ishak; Grant Maclaine; Luis Hernández
2012	Comorbidity burden, health care resource utilization, and health care costs among Medicare Advantage members with Alzheimer's disease.	Suehs B, Davis C, Shah S
2012	Comparison of the impact of Alzheimer's Disease on Medicare and Medicaid.	Mucha L, Forys A, Shih H-C
2012	Cost and care of patients with Alzheimer's disease: clinical predictors in German health care settings	Frank Jessen; Monika-Balzer Geldsetzer; Richard Dodel
2012	Deloitte Updated Dementia Economic Impact Report 2012 New Zealand	Deloitte
2012	Dementia and Out-of-Pocket Spending on Health Care Services	Adeline D., Michael H., Francisco M.
2012	Disease progression and costs of care in Alzheimer's disease patients treated with donepezil: a longitudinal naturalistic cohort	Gustavsson A, Jonsson L, Parmler J
2012	Incremental Dementia-Related Expenditures in a Medicaid Population	Bharmal F., Dedhiya S., Bruce A.
2012	Exploring the relationship between AD severity and longitudinal costs	Rapp
2012	The costs of Alzheimer's disease and the value of effective therapies	Richard G Stefanacci
2012	The societal costs of dementia in Sweden 2012	Wimo

2011	Costs of care for dementia patients in community setting: an analysis for mild and moderate disease stage.	Schwarzkopf L, Menn P, Kunz S, Holle R, Lauterberg J, Marx P, Mehlig H, Wunder S, Leidl R, Donath C, Graessel E.
2011	Net costs of dementia by disease stage.	Leicht H, Heinrich S, Heider D, Bachmann C, Bickel H, van den Bussche H, Fuchs A, Lupp M, Maier W, Mösch E, Pentzek M, Rieder-Heller SG, Tebarth F, Werle J, Weyerer S, Wiese B, Zimmermann T, König HH; AgeCoDe study group.
2011	2011 Alzheimer's disease facts and figures	Alzheimer's Association
2011	A review of the methods used to estimate the cost of Alzheimer's disease in the United States	Josephine Mauskopf; Lisa Mucha
2011	A systematic review to assess the policy-making relevance of dementia cost-of-illness studies in the US and Canada	Mark Oremus; S Carolina Aguilar
2011	Clinical and economic characteristics associated with direct costs of Alzheimer's, frontotemporal and vascular dementia in Argentina	ecilia M Serrano; Monica Iturry; Ricardo F Allegri
2011	Cost of disorders of the brain in Europe 2010	Gustavsson A, Svensson M, Jacobi F
2011	Costs of care in a mild-to-moderate Alzheimer clinical trial sample: Key resources and their determinants	Gustavsson A, Cattelin F, Jonsson L.
2011	Costs of informal care for people suffering from dementia	Reiche T, Nissen NP, Gundgaard J
2011	Direct costs of Alzheimer's disease in Germany	Dietmar Daniel; Christine Grimm; Reinhard Rychlik
2011	Direct medical costs in patients with Alzheimer's disease in Taiwan: A population-based study	Chan AL, Cham TM, Lin SJ.
2011	Net costs of dementia by disease stage Germany	Leicht
2011	Predictors of costs of care in Alzheimer's disease: A multinational sample of 1222 patients	Bergvall N, Kolasa K, Wimo A, Winblad B, et al.
2011	Relative importance of patient disease indicators on informal care and caregiver burden in Alzheimer's disease	Gustavsson A, Wimo A, Winblad B
2011	The relation between disease severity and cost of caring for patients with Alzheimer disease in Canada	Robert Sambrook; Nadia Lesnikova; Krista L Lanctôt; Canadian Outcomes Study in Dementia (COSID) Investigators
2010	Dementia care costs and the patient's quality of life (QoL) in Taiwan: Home versus institutional care services	Kuo Y, Lan C, Chen L, Lan V
2010	Costs of dement in Hungary	Érsek2010
2010	2010 Alzheimer's disease facts and figures	Alzheimer's Association

2010	Assessing the relationship between health utilities, quality of life, and health care costs in Alzheimer's disease: the CATIE-AD study	E A Miller; R A Rosenheck; L S Schneider
2010	Cost of dementia in Switzerland	Michael Marti; Sarah Werner; Heini Sommer
2010	Cross sectional observational study on the societal costs of Alzheimer's disease	S Langworth; B Winblad; L Jönsson
2010	Cross sectional observational study on the societal costs of Alzheimer's disease.	Mesterton J, Wimo A, By A, Langworth S, Winblad B, Jönsson L.
2010	Differences in resource use and costs of dementia care between European countries: baseline data from the ICTUS study.	Reynish E, Ousset PJ, Andrieu S, et al
2010	Dementia2010 UK	LuengoFernandez
2010	Prospective one-year cost-of-illness study in a cohort of patients with dementia of Alzheimer's disease type in Spain: the ECO study	Juan Del Llano; Teresa León; Javier Rejas
2010	Cost of illness in Alzheimer's disease	Reinhard Rychlik; Christine Grimm; Dietmar Daniel
2009	Costs of the in-home patients affected by dementia.	Isaia G, M Bo, Nobili G, Cappa G, Mondino S, Pilon S, Massaia M.
2009	2009 Alzheimer's disease facts and figures	Alzheimer's Association
2009	Comparison of costs of care between patients with Alzheimer's disease and dementia with Lewy bodies	Deborah Blacker; Mary Sano; Yaakov Stern
2009	Economic impact of dementia in developing countries: an evaluation of Alzheimer-type dementia in Shanghai, China	Yu-Lei Deng; Wei Xu; Ying Wang; Sheng-Di Chen
2009	Implications of comorbidity on costs for patients with Alzheimer disease	Sharada Weir; Marilyn Schlein Kramer; Arlene S Ash
2009	Modelling costs of dementia in Australia: evidence, gaps, and needs	Geetha Ranmuthugala; Laurie Brown; Marc Budge
2009	Patient dependence and longitudinal changes in costs of care in Alzheimer's disease	Deborah Blacker; Mary Sano; Yaakov Stern
2009	Private costs almost equal health care costs when intervening in mild Alzheimer's: a cohort study alongside the DAISY trial	Ane Eckermann; Dorthe V Buss; Gunhild Waldemar
2009	The cost of dementia in Europe: a review of the evidence, and methodological considerations	Linus Jönsson; Anders Wimo
2009	The effects of patient function and dependence on costs of care in Alzheimer's disease	Deborah Blacker; Mary Sano; Yaakov Stern
2008	Yearly longitudinal prospective healthcare costs of Alzheimer disease in routine medical practice: A Spanish perspective	Rabasa I, Coduras A, Frank A, Bermejo F, Làpez-Pousa S, Làpez-Arrieta JM, et al
2008	2008 Alzheimer's disease facts and figures	Alzheimer's Association

2008	Alzheimer's disease and managed care: a convincing case for action	Stephen Gorshow
2008	Cost-effectiveness analysis of donepezil for mild to moderate Alzheimer's disease in Taiwan	Jong-Ling Fuh and Shuu-Jiun Wang
2008	Disability in Alzheimer's disease: causes, consequences, and economic considerations	George J Demakis
2008	Evaluated need, costs of care, and payer perspective in degenerative dementia patients cared for in the United States	Paula R Sherwood; Jersey Liang; Christopher C Colenda
2008	Healthcare costs and utilization for Medicare beneficiaries with Alzheimer's	Sharada Weir; Marilyn S Kramer; Arlene S Ash
2008	Home health and informal care utilization and costs over time in Alzheimer's disease	Deborah Blacker; Mary Sano; Yaakov Stern
2007	Effects of diagnosed dementia on medicare and medicaid program costs	Ayyagari P, Salm M, Sloan FA
2007	Burden of illness among commercially insured patients with Alzheimer's disease	Joyce A, Zhao Y, Bowman L, Lb J, Carter C, Ollendorf D
2007	Australia2007 AUS inst of health and welfare 2006 Dementia in Australia	Australia2007
2007	Dementia: international comparisons. Summary report for the National Audit Office	Martin Knapp, Adelina Comas-Herrera, Ami Somani
2007	Economic cost of dementia patients according to the limitation of the activities of daily living in Korea	Im Ok Kang, Sang-Yi Lee, Su Young Kim
2007	Economic impact of dementia in developing countries: an evaluation of costs of Alzheimer-type dementia in Argentina	Allegri RF, Butman J, Arizaga RL, Machnicki G
2007	Economic impact of dementia in developing countries: an evaluation of costs of Alzheimer-type dementia in Argentina	Fernando E Taragano; Diego Sarasola; Leandro Lon
2007	Dementia UK Full Report 2007	Knapp
2006	Clinical Characteristics and Longitudinal Changes of Informal Cost of Alzheimer's Disease in the Community	Torgan R, Albert M, Brandt J, Blacker D, et al.
2006	Determinants of costs of care for patients with Alzheimer's disease	Niels Andreasen; Bengt Winblad; Anders Wimo
2006	Longitudinal study of effects of patient characteristics on direct costs in Alzheimer disease	Albert M, Brandt J, Blacker D, et al.
2006	Social-economic costs and quality of life of Alzheimer disease in the Canary Islands, Spain	Pedro Serrano-Aguilar; Lilisbeth Perestelo-Perez; Juan Oliva-Moreno
2006	Social-economic costs and quality of life of Alzheimer disease in the Canary Islands, Spain.	Lopez-Bastida, Serrano-Aguilar P, Perestelo-Perez L

2006	The economic costs of dementia in Korea 2002	Suh
2006	Longitudinal study of effects of patient characteristics on direct costs in AD USA	Zhu
2005	Cost of Alzheimer's disease in a developing country setting	Zencir, M; Kuzu, N; Beser, NG; Ergin, A; Catak, B; Sahiner, T
2005	Jönsson et al-2005-European Journal of Neurology	Jönsson
2005	Prevalence, resource utilization and costs of vascular dementia compared to Alzheimer's dementia in a population setting	Sicras, A; Rejas, J; Arco, S; Flores, E; Ortega, G; Esparcia, A; Suárez, A; Gordillo, MJ
2005	The cost of severe dementia	Joël, ME
2004	A dependency model for patients with Alzheimer's disease: its validation and relationship to the costs of care – the LASER-AD Study	Katona C, Roch B, Guillaume C, Rive B.
2004	A dependency model for patients with Alzheimer's disease: its validation and relationship to the costs of care--the LASER-AD Study	Livingston, G; Katona, C; Roch, B; Guillaume, C; Rive, B
2004	Cost effects of a specialized care center for people with Alzheimer's disease	Bloom, BS; Chhatre, S; Jayadevappa, R
2004	Moise 2004 OECD dementia care in 9 OECD countries a comparative analysis	Moise
2004	Out-of-pocket health care expenditures among older Americans with dementia	Langa, KM; Larson, EB; Wallace, RB; Fendrick, AM; Foster, NL; Kabeto, MU; Weir, DR; Willis, RJ; Herzog, AR
2004	Variation in cost of informal caregiving and formal-service use for people with Alzheimer's disease	Harrow, BS; Mahoney, DF; Mendelsohn, AB; Ory, MG; Coon, DW; Belle, SH; Nichols, LO
2004	Cost relation between severity of Alzheimer's disease and cognitive and functional impairment	López-Pousa, S; Garre-Olmo, J; Turon-Estrada, A; Hernández, F; Expósito, I; Lozano-Gallego, M; Hernández-Ferrándiz, M; Gelada-Batlle, E; Pericot-Nierga, I; Vilalta-Franch, J
2004	Costs study in Alzheimer's disease	Atance Martínez, JC; Yusta Izquierdo, A; Grupeli Gardel, BE
2003	An Estimate of the Worldwide Prevalence and Direct Costs of Dementia in 2003	A. Wimo L. Jonsson B. Winblad
2003	Assessment of health economics in Alzheimer's disease (AHEAD): treatment with galantamine in the UK	Ward, A; Caro, JJ; Getsios, D; Ishak, K; O'Brien, J; Bullock, R; AHEAD Study Group
2003	Brodaty 2003 Nat AE economic impact of Dem in Australia	Brodaty
2003	Economic evaluation of galantamine in the treatment of mild to moderate Alzheimer's disease in the United States	Migliaccio-Walle, K; Getsios, D; Caro, JJ; Ishak, KJ; O'Brien, JA; Papadopoulos, G; AHEAD Study Group

2003	Patients with Alzheimer's disease living at home in France: costs and consequences of the disease	Rigaud, AS; Fagnani, F; Bayle, C; Latour, F; Traykov, L; Forette, F
2003	Resource utilisation and cost analysis of memantine in patients with moderate to severe Alzheimer's disease.	Stoffler A, Wirth Y, Mobius HJ.
2003	The economics of Alzheimer disease	Leung, GM; Yeung, RY; Chi, I; Chu, LW
2002	Alzheimer's disease and related dementias increase costs of comorbidities in managed Medicare	Hill, JW; Futterman, R; Duttagupta, S; Mastey, V; Lloyd, JR; Fillit, H
2002	Costs of dementia	Bianchetti, A; Castelletti, F; Trabucchi, M
2002	Economic cost of Alzheimer disease in Israel	Beeri, MS; Werner, P; Adar, Z; Davidson, M; Noy, S
2002	Effect of Alzheimer disease on the cost of treating other diseases	Sloan, FA; Taylor, DH
2002	Health care utilization and costs of Alzheimer's disease: the role of co-morbid conditions, disease stage, and pharmacotherapy	Fillit, H; Hill, JW; Futterman, R
2002	Primary care expenditures before the onset of Alzheimer's disease	Albert, SM; Glied, S; Andrews, H; Stern, Y; Mayeux, R
2002	The cost of behavioral and psychological symptoms of dementia (BPSD) in community dwelling Alzheimer's disease patients.	Beeri MS, Werner P, Davidson M, Noy S.
2002	The costs of vascular dementia: a comparison with Alzheimer's disease	Fillit, H; Hill, J
2002	The impact of symptom severity on the cost of Alzheimer's disease	Small, GW; McDonnell, DD; Brooks, RL; Papadopoulos, G
2002	The incremental direct costs associated with behavioral symptoms in AD	Murman, DL; Chen, Q; Powell, MC; Kuo, SB; Bradley, CJ; Colenda, CC
2001	Alzheimer disease: diagnosis, costs, and dimensions of treatment	DeKosky, ST; Orgogozo, JM
2001	Alzheimer's disease in the UK: comparative evidence on cost of illness and volume of health services research funding	Lowin, A; Knapp, M; McCrone, P
2001	Estimation of the family cost of private nursing home care versus home care for patients with dementia in Taiwan	Chiu, L; Shyu, WC
2001	Healthcare utilization and costs in managed care patients with Alzheimer's disease during the last few years of life	McCormick, WC; Hardy, J; Kukull, WA; Bowen, JD; Teri, L; Zitzer, S; Larson, EB
2001	How much does it really cost to care for persons with Alzheimer's disease?	Brummel-Smith, K
2001	Prevalence, Costs, and Treatment of Alzheimer's Disease and Related Dementia: A Managed Care Perspective	Dorothy P. Rice; Howard M. Fillit; Wendy Max
2001	Residential and nursing home care of elderly people with cognitive	Netten A, Darton R, Bebbington A

	impairment: prevalence, mortality and costs	
2001	The costs of caring: medical costs of Alzheimer's disease and the managed care environment	Murman, DL
2000	The economic and social cost of dementia in Ireland.	O'Shea E, O'Reilly S.
2000	Dementia: the cost of care for behaviourally disturbed patients living in the community	Kirchner V, Elloy MD, Silver LE, Kelly CA.
2000	Medicare expenditures associated with Alzheimer disease	Robert L. Kane; Adam Atherly
2000	Potential savings in the cost of caring for Alzheimer's disease. Treatment with rivastigmine.	Hauber AB, Gnanasakthy A, Snyder EH
2000	Model of costs of care for dementia: community-dwelling vs. institutionalization.	van der Roer N, Goes ES, Blom M, Busschbach JJ.
1999	Andersen 1999 DGCD the cost of dem in Denmark the odense study	Andersen
1999	Boada 1999 MC costs AD Spain	Boada
1999	Chiu 1999 JAN cost comparisons between family based care and nursing home care for dementia in Taiwan	Chiu
1999	Economic impact of Alzheimer's disease in the United Kingdom: Cost of care and disease severity for non-institutionalised patients with Alzheimer's disease	Sou�tre E, Thwaites RM, Yearley HL.
1999	Leon 1999 AJMC the cost of AD in managed care USA	Leon
1999	ScuveeMoreau 1999 ANB the economic impact of dementia in Belgium	ScuveeMoreau
1999	The Economic Cost of Alzheimer's Disease and Related Dementias to the California Medicaid Program ("Medi-Cal") in 1995	Menzin J, Lang K, Friedman M, Neumann P, Cummings JL.
1998	Alzheimer's Disease Care: Costs And Potential Savings	Joel Leon, Chang-Kuo Cheng, and Peter J. Neumann
1998	Alzheimer's disease under managed care: implications from Medicare utilization and expenditure patterns.	Weiner M, Powe NR, Weller WE, Shaffer TJ, Anderson GF
1998	Cognitive Function and the Costs of Alzheimer Disease An Exploratory Study	Richard L. Ernst; Joel W. Hay; Catharine Fenn
1998	Economic considerations in Alzheimer's disease	Meek PD, McKeithan K, Schumock GT
1997	Cavallo 1997 ADAD the economic & social burden of AD on families in Italy	Cavallo
1996	The economic burden of Alzheimer's disease in Israel.	Rothstein Z , Prohovnik I , Davidson M ,
1995	Alzheimer's disease. The unpaid burden of caring.	Max W, Webber P, Fox P.

1995	Economic analysis of Alzheimer's disease in outpatients: impact of symptom severity	Sou�tre EJ, Qing W, Vigoureux I
1994	The US economic and social costs of Alzheimer's disease revisited.	Ernst RL, Hay JW.
1993	Alzheimer's disease: the burden of the illness in England.	Gray A , Fenn P
1993	The economic burden of Alzheimer's disease care.	Rice DP, Fox PJ, Max W
1992	The Cost of Institutional Care in Alzheimer's Disease: Nursing Home and Hospital Use in a Prospective Cohort	H. Gilbert Welch, John S. Walsh, Eric B. Larson

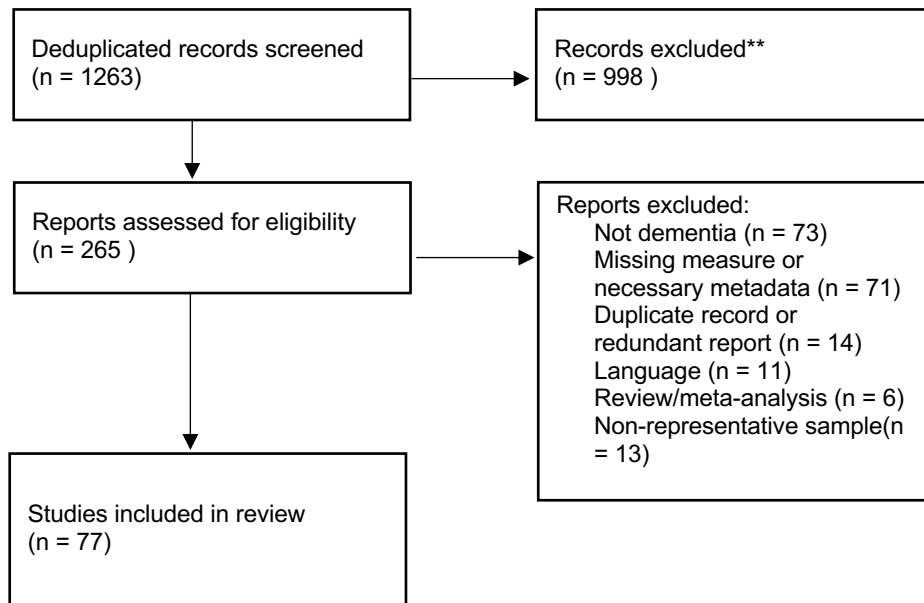
3. Dementia caregiving literature review

The purpose of this review was to find information on the number of hours of informal (unpaid) care provided to people living with dementia and the percent of caregivers who are female. Table 8 below shows the search terms used for this review. In addition to the papers returned with these search terms, one paper was identified via reference lists and included in our analysis. Three pieces of information were extracted from this review – caregiving hours per person living with dementia, the percent of caregivers who were female, and the fraction of caregiving hours that are attributable to dementia.

Supplementary Table 8. Caregiving systematic review search terms

Date	Database	Years	Search terms
December 20, 2022	PubMed	1990 – 2022	("Dementia"[MeSH Terms] OR alzheimer* OR dementia) AND ((patient care[MeSH Terms]) OR (informal care)) AND ((hours) OR ("caregiving time"))
December 20, 2022	Web of Science	1990 - 2022	(TS=(Dementia) OR TS=(alzheimer*)) AND (TS=(patient care) OR TS=(informal care)) AND (TS=(hours) OR TS=("caregiving time"))
December 20, 2022	Embase	1990 - 2022	('dementia'/exp OR 'dementia' OR 'alzheimer disease'/exp OR 'alzheimer disease') AND ('patient care'/exp OR 'patient care' OR 'informal care'/exp OR 'informal care' OR 'informal caregiving'/exp OR 'informal caregiving') AND ('hours' OR 'caregiving time') AND [1990-2023]/py

Supplementary Figure 3. Dementia caregiving literature review flow diagram



Supplementary Table 9. Dementia caregiving bibliography

The papers in the table below are those that after going through our literature review process meet our requirements for data extraction.

Publication Year	Title	Authors
2021	Assessment of the burden among family caregivers of patients with Alzheimer's disease	Boluktas RP
2011	Informal Cost of Dementia Care - A Proxy-Good Valuation in Ireland	Trepel D
2022	Impact of additional community services provision on dementia caregiver burden: an interrupted time-series analysis of 12-year interRAI assessments in Hong Kong.	Chan Crystal Ying, Chau Patsy Y. K., Yeoh Eng-Kiong et. al.
2003	Respite for dementia caregivers: the effects of adult day service use on caregiving hours and care demands.	Gaugler Joseph E., Jarrott Shannon E., Zarit Steven H. et. al.
1999	Prevalence and impact of caregiving: a detailed comparison between dementia and nondementia caregivers.	Ory M. G., Hoffman R. R. 3rd, Yee J. L. et. al.
1990	Sample bias in caregiving research.	Dura J. R., Kiecolt-Glaser J. K.
2018	Family Caregivers of Older Adults, 1999-2015: Trends in Characteristics, Circumstances, and Role-Related Appraisal.	Wolff Jennifer L., Mulcahy John, Huang Jin et. al.
2015	The burden of caring for patients with dementia and its predictors.	Mougias A. A., Politis A., Mougias M. A. et. al.
2015	The UP-TECH project, an intervention to support caregivers of Alzheimer's disease patients in Italy: preliminary findings on recruitment and caregiving burden in the baseline population.	Chiatti Carlos, Rimland Joseph M., Bonfranceschi Franco et. al.
2013	Cultural differences are reflected in variables associated with carer burden in FTD: a comparison study between India and Australia.	Mekala Shailaja, Alladi Suvarna, Chandrasekar Kammammettu et. al.
2020	Development and evaluation of the Singapore Caregiver Quality of Life Scale - Dementia.	Cheung Yin Bun, Teo Irene, Lim Wee Shiong et. al.
2002	The impact of symptom severity on the cost of Alzheimer's disease	Small GW, McDonnell DD, Brooks RL et. al.
2017	Disease Progression in Mild Dementia due to Alzheimer Disease in an 18-Month Observational Study (GERAS): The Impact on Costs and Caregiver Outcomes	Jones RW, Lebec J, Kahle-Wroblewski K et. al.
2012	Spirituality and self-efficacy in dementia family caregiving: trust in God and in yourself	Lopez J, Romero-Moreno R, Marquez-Gonzalez M et. al.
2020	Quality of life and subjective burden of primary dementia caregivers in Bangkok, Thailand	Sittironnarit G, Emprasertsuk W, Wannasewok K
2021	Caregiving intensity and caregiver burden among caregivers of people with dementia: The moderating roles of social support	Xu L, Liu YW, He H et. al.
2022	Perceived burden of dementia care, clinical, psychological and demographic characteristics of patients and primary caregivers in Iran	Kamalzadeh L, Salehi M, Rashedi V et. al.
2015	Caregiver Burden Looking Beyond the Unidimensional Total Score	Lau S, Chong MS, Ali N et. al.
2016	Identifying factors of activities of daily living important for cost and caregiver outcomes in Alzheimer's disease.	Reed Catherine, Belger Mark, Vellas Bruno et. al.

2015	The Impact of Caregiving on Caregivers' Medication Adherence and Appointment Keeping.	Wang XiaoRong, Robinson Karen M., Hardin Heather K.
2015	Economic valuation and determinants of informal care to people with Alzheimer's disease.	Peña-Longobardo Luz María, Oliva-Moreno Juan
2014	Factors contributing to caregiver burden in dementia in a country without formal caregiver support.	Wang Jing, Xiao Lily Dongxia, He Guo-Ping et. al.
2012	Caring burden and associated factors of care providers for senile dementia patients in an urban-rural fringe of Fuzhou City, China.	Li Hong, Zhang Honghui, Huang He et. al.
2012	Predictors of caregiver burden in caregivers of individuals with dementia.	Kim Heejung, Chang Mido, Rose Karen et. al.
2010	The demands of family caregivers of elderly individuals with dementia.	Gratao Aline Cristina Martins, do Vale Francisco de Assis Carvalho, Roriz-Cruz Matheus et. al.
2007	Do family caregivers perceive more difficulty when they look after patients with early onset dementia compared to those with late onset dementia?	Arai Asuna, Matsumoto Teruhisa, Ikeda Manabu et. al.
2004	Factors related to feelings of burden among caregivers looking after impaired elderly in Japan under the Long-Term Care insurance system.	Arai Yumiko, Kumamoto Keigo, Washio Masakazu et. al.
2005	Prevalence, resource utilization and costs of vascular dementia compared to Alzheimer's dementia in a population setting.	Sicras A., Rejas J., Arco S. et. al.
2005	Cognition, function, and caregiving time patterns in patients with mild-to-moderate Alzheimer disease: a 12-month analysis.	Feldman Howard H., Van Baelen Bart, Kavanagh Shane M. et. al.
2004	The effect of a structured intervention on caregivers of patients with dementia and problem behaviors: a randomized controlled pilot study.	Nobili Alessandro, Riva Emma, Tettamanti Mauro et. al.
2003	Patient and caregiver characteristics associated with depression in caregivers of patients with dementia.	Covinsky Kenneth E., Newcomer Robert, Fox Patrick et. al.
2002	To what degree does cognitive impairment in Alzheimer's disease predict dependence of patients on caregivers?	Caro Jaime, Ward Alexandra, Ishak Khajak et. al.
2002	The cost of behavioral and psychological symptoms of dementia (BPSD) in community dwelling Alzheimer's disease patients.	Beeri Michal Schnaider, Werner Perla, Davidson Michael et. al.
2000	Family caregiving in dementia--an analysis of the caregiver's burden and the ""breaking-point"" when home care becomes inadequate.	Annerstedt L., Elmståhl S., Ingvad B. et. al.
1997	The economic and social burden of Alzheimer disease on families in the Lombardy region of Italy.	Cavallo M. C., Fattore G.
2020	Self-reported symptoms of depression and anxiety among informal caregivers of persons with dementia: a cross-sectional comparative study between Sweden and Italy.	Wulff Joseba, Fänge Agneta Malmgren, Lethin Connie et. al.
2019	The relationship between comorbidities in dementia patients and burden on adult-child primary caregivers: Does having a secondary caregiver matter?	Liu Huiying, Fang Boye, Chan Jieling et. al.
2018	Detection, diagnosis, and treatment of Alzheimer's disease dementia stratified by severity as reported by caregivers in Japan.	Montgomery William, Goren Amir, Kahle-Wroblewski Kristin et. al.

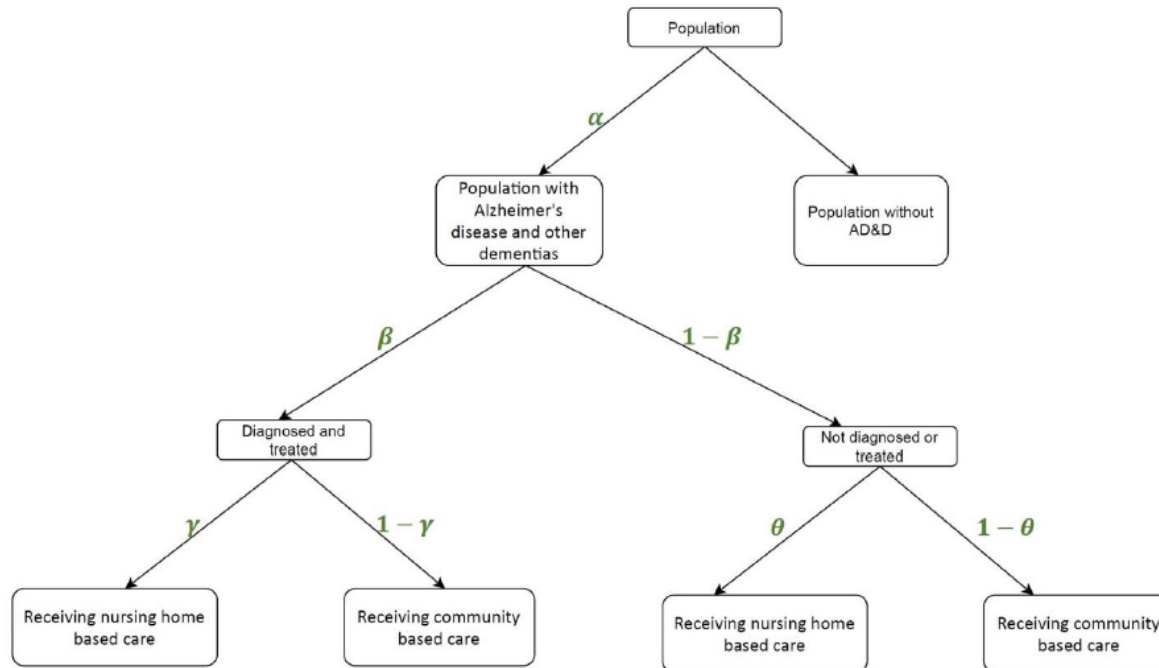
2018	Desire to institutionalize in Alzheimer's caregivers: An empirical analysis on Italian data.	Colucci Luisa, Molino Ivana, Amenta Francesco et. al.
2022	Economic costs of dementia in 11 countries in Europe: Estimates from nationally representative cohorts of a panel study.	Meijer Erik, Casanova Maria, Kim Hyewon et. al.
2020	Cost of dementia care in rural thai households	Chuakhamfoo N.N., Phantunane P., Chansirikan S. et. al.
2022	Gender Differences in Care Networks of Older Adults with Dementia	Cantu P.A., Cho T.-C., Wyman M.F. et. al.
2016	Costs associated with Alzheimer's disease in Italy: Baseline results from the GERAS II observational study	Bruti G., Bruno G., Mancini M. et. al.
2006	Clinical characteristics and longitudinal changes of informal cost of Alzheimer's disease in the community.	Zhu Carolyn W., Scarmeas Nikolaos, Torgan Rebecca et. al.
2006	Caregivers' experience of risk in dementia: the LASER-AD study.	Walker A. E., Livingston G., Cooper C. A. et. al.
2005	The amount of informal and formal care among non-demented and demented elderly persons-results from a Swedish population-based study.	Nordberg G., von Strauss E., Kåreholt I. et. al.
2002	Time spent on informal and formal care giving for persons with dementia in Sweden.	Wimo Anders, von Strauss Eva, Nordberg Gunilla et. al.
2002	Economic cost of Alzheimer disease in Israel.	Beeri Michal Schnaider, Werner Perla, Adar Zvi et. al.
2001	National estimates of the quantity and cost of informal caregiving for the elderly with dementia.	Langa K. M., Chernew M. E., Kabeto M. U. et. al.
2002	Formal and informal care for people with dementia: factors associated with service receipt.	Schneider J., Hallam A., Murray J. et. al.
1998	Hourly care received by people with Alzheimer's disease: results from an urban, community survey.	Albert S. M., Sano M., Bell K. et. al.
1995	Alzheimer disease: The unpaid burden of caring	Max W., Webber P., Fox P.
2004	Care time and costs of care for elderly persons with dementia	Misplon S., Pacolet J., Hedeboom G.
2011	The hidden iceberg face: Informal care received by people with dementia aged 75 years and older. Empirical evidence from the French national survey Handicap-Santé nages 2008	Paraponaris A., Taché G., Davin B.
2011	The economic impact of dementia: Net cost estimates by disease stage for Germany	Leicht H., Heinrich S., Heider D. et. al.
2011	Time spent on care and costs for patients with alzheimer's disease	Bellanger M.
2012	The use of formal and informal care in early onset dementia: Results from the NeedYD study	Bakker C., de Vugt M.E., van Vliet D. et. al.
2021	Paid Caregivers in the Community-based Dementia Care Team: Do Family Caregivers Benefit?	Reckrey Jennifer M., Boerner Kathrin, Franzosa Emily et. al.
2021	Impact of working situation on mental and physical health for informal caregivers of older people with Alzheimer's disease in Italy. Results from the UP-TECH longitudinal study.	Socci Marco, Principi Andrea, Di Rosa Mirko et. al.
2020	Costs and Resource Use Associated with Community-Dwelling Patients with Alzheimer's Disease in Japan: Baseline Results from the Prospective Observational GERAS-J Study.	Nakanishi Miharu, Igarashi Ataru, Ueda Kaname et. al.

2020	Factors associated with long-term impact on informal caregivers during Alzheimer's disease dementia progression: 36-month results from GERAS.	Reed Catherine, Belger Mark, Scott Andrews J. et. al.
2019	Burden of caregivers of patients with Alzheimer's disease.	Pudelewicz Anna, Talarska Dorota, BÄ...czyk GraÅ¼yna
2018	Utilisation of formal and informal care and services at home among persons with dementia: a cross-sectional study.	Bökberg Christina, Ahlström Gerd, Karlsson Staffan
2018	The Economic Value of Informal Caregiving for Persons With Dementia: Results From 38 States, the District of Columbia, and Puerto Rico, 2015 and 2016 BRFSS.	Rabarison Kristina M., Bouldin Erin D., Bish Connie L. et. al.
2017	Caring for a Person With Dementia on the Margins of Long-Term Care: A Perspective on Burden From 8 European Countries.	Sutcliffe Caroline, Giebel Clarissa, Bleijlevens Michel et. al.
2017	Measuring burden in dementia caregivers: Confirmatory factor analysis for short forms of the Zarit Burden Interview.	Lin Chung-Ying, Wang Jung-Der, Pai Ming-Chyi et. al.
2015	Multidimensional determinants of family caregiver burden in Alzheimer's disease.	Park Myonghwa, Sung Mira, Kim Sun Kyung et. al.
2015	Measuring the Caregiver Burden of Caring for Community-Residing People with Alzheimer's Disease.	Yu Hongmei, Wang Xiaocheng, He Runlian et. al.
2015	Examining the influence of family dynamics on quality of care by informal caregivers of patients with Alzheimer's dementia in Argentina.	Panyavin Ivan, Trujillo Michael A., Peralta Silvina Victoria et. al.
2014	Analysis of burden in caregivers of people with Alzheimer's disease using self-report and supervision hours.	Haro J. M., Kahle-Wroblewski K., Bruno G. et. al.
2014	Evaluation of full costs of care for patients with Alzheimer's disease in France: the predominant role of informal care.	Gervès Chloé, Chauvin Pauline, Bellanger Martine Marie
2014	The perseverance time of informal carers of dementia patients: validation of a new measure to initiate transition of care at home to nursing home care.	Kraijo Henk, Brouwer Werner, de Leeuw Rob et. al.
2013	Cost of informal care for community-dwelling mild-moderate dementia patients in a developed Southeast Asian country.	Chong Mei Sian, Tan Woan Shin, Chan Mark et. al.
2011	Caring for individuals with dementia and cognitive impairment, not dementia: findings from the aging, demographics, and memory study.	Fisher Gwenith G., Franks Melissa M., Plassman Brenda L. et. al.
2011	Relative importance of patient disease indicators on informal care and caregiver burden in Alzheimer's disease.	Bergvall Niklas, Brinck Per, Eek Daniel et. al.
2008	Measurement of informal care time in a study of patients with dementia.	Neubauer Simone, Holle Rolf, Menn Petra et. al.
2004	Care arrangements for people with dementia in developing countries	The 10/66 Dementia Research Group

Analytical Framework and Methods

Supplementary Figure 4 shows the framework used to model dementia costs. The care setting (community or nursing home) and the diagnosis status of each individual affect their total costs.

Supplementary Figure 4. Dementia spending analytical framework



Supplementary Table 10. Description of model parameters

Variable	Description
α	Dementia prevalence rate
β	Diagnosis rate for those who have dementia
γ	Nursing home-based-care rate for those who have been diagnosed with dementia
θ	Nursing-home-based care rate for those with dementia but without a diagnosis

The overall proportion of people with dementia who are diagnosed, β , and the proportion of people with dementia living in nursing homes who are diagnosed, β_{NH} , are extracted from our literature review. The proportion of people who are undiagnosed who live in nursing homes, θ , can be calculated algebraically based on other parameters.

Supplementary Table 11. Equations for each subgroup of the dementia population

Group	Fraction of total dementia population
Diagnosed and in nursing facility	$\beta\gamma$
Undiagnosed and in nursing facility	$(1-\beta)\theta$
Diagnosed and in the community	$\beta(1-\gamma)$
Undiagnosed and in the community	$(1-\beta)(1-\theta)$

Supplementary Table 11 shows the fraction of the total dementia population for each group. Based on these fractions, β_{NH} can be expressed as:

$$\beta_{NH} = \frac{\beta\gamma}{(1-\beta)\theta + \beta\gamma}$$

Solving for θ :

$$\theta = \frac{\beta\gamma(1 - \beta_{NH})}{(1 - \beta)\beta_{NH}}$$

The cost for each of the four groups shown in Supplementary Figure 4 is calculated as follows for each country and year.

Diagnosed and in nursing facility:

$$Population * \alpha * \beta * \gamma * Y_{NH}$$

Where $Y_{diag,NH}$ is the per-case attributable direct cost for diagnosed individuals living in nursing homes.

Undiagnosed and in nursing facility:

$$Population * \alpha * (1 - \beta) * \theta * Y_{undia,NH}$$

Where $Y_{undia,NH}$ is the per-case attributable direct cost for undiagnosed individuals living in nursing homes.

Diagnosed and in the community:

$$Population * \alpha * \beta * (1 - \gamma) * (Y_{comm} + Hours * Percent\ female\ cg * female\ wage + Hours * Percent\ male\ cg * male\ wage)$$

Where Y_{comm} is the per-case attributable direct cost for diagnosed individuals living in the community, *Percent female cg* is the percent of caregivers who are female, *Percent male cg* is the percent of caregivers who are male, *female wage* is the average wage for females multiplied by the average female labor force participation rate, and *male wage* is the average wage for males multiplied by the average male labor force participation rate.

Undiagnosed and in the community:

$$Population * \alpha * \beta * (1 - \gamma) * (Hours * Percent\ female\ cg * female\ wage + Hours * Percent\ male\ cg * male\ wage)$$

Estimating spending attributable to dementia

Dementia is a disease commonly diagnosed among the elderly. People with dementia often suffer from co-morbidities associated with aging. For this reason, it is important to differentiate between the costs to treat and care for someone with dementia and costs to treat other diseases common among this demographic.

We conducted a meta-analysis of the dementia attributable fraction by care setting— community-based care, nursing-home-based care, not reported, and mixed using the metaphor library in R². Using the `rma` function we ran a meta-analysis with mixed effects by care setting. With the `simulate.rma` function of the same R-library we ran simulations to generate uncertainty intervals. These functions fit meta-analytic fixed- and random/mixed-effects via linear (mixed-effects) models. Once we had a set of dementia attributable fraction estimates by care setting, we multiplied total dementia cost by the corresponding attributable fraction. Due to lack of data, we were not able to estimate attributable fractions that are time and geography specific.

Cost model

Supplementary Table 12 shows the coefficients for the linear model of direct costs of dementia care. This model was selected using k-fold cross-validation. Various cost components are included in this model, but predictions are only created for total costs. The total cost predictions are combined with the raw data as inputs for the final spatiotemporal Gaussian process regression model.

Supplementary Table 12. Linear model of direct costs for dementia.

<i>Dependent variable:</i>	
	Direct cost
log GDP per-capita	1.468*** (0.373)
SDI	-5.947** (3.013)
Care at nursing home	1.020*** (0.267)
Caregiver wages	0.657 (0.442)
Drugs	-1.096*** (0.249)
Hospitalizations	-0.764 (0.713)
Inpatient	0.405* (0.242)
Medical (all)	0.981*** (0.238)
Other	-1.242*** (0.278)
Outpatient	-1.332*** (0.256)
Total	1.790*** (0.234)
Care setting: institutional	0.703*** (0.162)
Care setting: not reported	0.192 (0.138)
Care setting: all	0.168 (0.247)
Constant	-3.032 (2.106)
Observations	470
Log Likelihood	-660.618
Akaike Inf. Crit.	1,355.236
Bayesian Inf. Crit.	1,425.832

Note: *p<0.1; ** p<0.05; *** p<0.01

Supplementary Table 13. Cost model outliers

Country	Year	Value	Care setting	Cost component
China	2000	617.39	institutional	total
Germany	2005	11,472.11	institutional	total
Germany	2008	54,968.29	community	total
Spain	2001	47,668.90	community	total
Finland	2009	10,383.92	institutional	total
United Kingdom	2006	54,498.59	community	total
Japan	2014	5,916.85	institutional	total
Republic of Korea	2004	8,826.16	community	total
Netherlands	2012	199,127.80	institutional	total
Taiwan (Province of China)	2010	4,157.39	institutional	total
Australia	2016	95.07	not reported	others
Australia	2017	98.32	not reported	others
Australia	2018	100.75	not reported	others
China	2015	59,256.96	not reported	inpatient
Germany	2005	15,915.35	institutional	outpatient
Germany	2007	372.31	community	care at nursing home
Germany	2007	30,730.07	institutional	caregiver wages
Germany	2007	159.16	institutional	caregiver wages
Germany	2009	347.27	community	care at nursing home
Germany	2009	148.45	institutional	care at home
Germany	2010	520.83	institutional	inpatient
Germany	2010	36.40	institutional	outpatient
Germany	2010	175.01	community	inpatient
Spain	2006	134.86	not reported	care at home
France	2012	42,038.07	not reported	others
United Kingdom	2014	554.11	community	care at nursing home
United Kingdom	2017	52,647.71	not reported	care at home
Iran (Islamic Republic of)	2017	471.26	institutional	total
Israel	1999	40.76	community	outpatient
Israel	1999	240.87	institutional	caregiver wages
Mexico	2000	9,381.76	not reported	outpatient
Netherlands	2019	39,776.79	institutional	caregiver wages
Netherlands	2019	14,234.38	institutional	others
Netherlands	2019	38,374.00	community	caregiver wages

Netherlands	2019	4,851.30	community	hospitalizations
Netherlands	2019	14,234.38	community	others
Portugal	2012	132.07	total	medical (all)
Portugal	2012	377.34	total	hospitalizations
Portugal	2012	14,038.17	total	outpatient
Portugal	2012	3,275.28	total	outpatient
Sweden	2010	70.35	not reported	caregiver wages
Thailand	2014	57.46	total	inpatient
Taiwan (Province of China)	1998	33,821.07	community	care at home
Taiwan (Province of China)	1998	32,210.86	community	caregiver wages
Taiwan (Province of China)	1998	29,416.11	community	care at home
Taiwan (Province of China)	1998	28,243.46	community	caregiver wages
Taiwan (Province of China)	2008	1,071.08	community	long-term care
Taiwan (Province of China)	2008	344.14	community	ambulatory
Taiwan (Province of China)	2008	13,677.40	institutional	long-term care
Taiwan (Province of China)	2008	292.01	institutional	ambulatory
United States of America	2003	328.96	not reported	care at home
United States of America	2003	128,442.40	not reported	care at home
United States of America	2004	113.03	not reported	care at nursing home

Diagnosis rate model

Supplementary Table 14 shows the coefficients for the linear model of dementia diagnosis rates. This model was selected using k-fold cross-validation.

Supplementary Table 14. Linear model of the dementia diagnosis rate

<i>Dependent variable:</i>	
Diagnosis Rate	
Total Health Expenditure Per-Capita	0.410*** (0.078)
Fraction of Population Over Age 65	0.383 (0.250)
Constant	-3.722*** (0.953)
Observations	51
R ²	0.468
Adjusted R ²	0.445
Residual Std. Error	0.402 (df = 48)
F Statistic	21.074*** (df = 2; 48)

Note: *p<0.1; **p<0.05; ***p<0.01

All variables are modeled after applying the natural logarithm.

Supplementary Table 15. Diagnosis rate model outliers

Country	Year	Care setting	Value
Thailand	2009	Community	4%
China	2012	Institution	39%
India	2015	Both	10%
Singapore	2016	Both	3%

Care settings model

Supplementary Table 16 shows the coefficients for the linear model of dementia care settings. This model was selected using k-fold cross-validation.

Supplementary Table 16. Care settings linear model

<i>Dependent variable:</i>	
	lg_gamma
log GDP per-capita	0.575*** (0.070)
Constant	-7.382*** (0.723)
Observations	94
R ²	0.425
Adjusted R ²	0.419
Residual Std. Error	0.550 (df = 92)
F Statistic	68.037*** (df = 1; 92)

Note: * p<0.1; ** p<0.05; *** p<0.01

Supplementary Table 17. Care settings model outliers

Country	Year	Percent institutionalized
India	2005	0.01
China	2005	0.22
Mexico	2005	0.02
Russian Federation	2009	0.42
Slovenia	2015	0.025
Colombia	2011	0.04
Peru	2005	0.13

Caregiving hours model

Supplementary Table 18 shows the coefficients for the linear model of caregiving hours. This model was selected using k-fold cross-validation.

Supplementary Table 18. Caregiving hours linear model

	<i>Dependent variable:</i>
	Caregiving Hours per Week
Socio-Demographic Index	-4.392** (1.815)
Dementia Severity: Mild	-0.923 (0.897)
Dementia Severity: Mild-to-Moderate	-0.700 (0.654)
Dementia Severity: Moderate	-0.645 (0.647)
Dementia Severity: Moderate-to-Severe	0.217 (0.737)
Care Type: ADL	-1.441* (0.790)
Care Type: ADL+IADL	-1.532*** (0.393)
Constant	3.195** (1.437)
Observations	80
R ²	0.282
Adjusted R ²	0.212
Residual Std. Error	1.241 (df = 72)
F Statistic	4.040*** (df = 7; 72)

Note: * p<0.1; ** p<0.05; *** p<0.01

Caregiving hours are modeled after applying a scaled logit transformation to the values. This is done to restrain model predictions within real-life limits of 0 – 168 hours per week (24 hours per day). Dementia severity and care type are categorical variables. The holdout categories for these variables are “Dementia Severity: All” and “Care Type: All.”

Supplementary Table 19. Caregiving hours model outliers

Country	Year	Severity	Care type	Value
United States of America	1998	All	IADL	43
Nigeria	2004	All	Supervision	35
Sweden	2013	Severe	All	32

Caregiver sex model

Supplementary Table 18 shows the coefficients for the linear model of caregiver sex. This model was selected using k-fold cross-validation.

Supplementary Table 20. Caregiver sex linear model

<i>Dependent variable:</i>	
Percent Female	
Fraction of Population Over Age 65	-0.166*** (0.057)
Percent Female Population	3.616*** (1.018)
Constant	1.775*** (0.625)
Observations	49
R ²	0.222
Adjusted R ²	0.188
Residual Std. Error	0.095 (df = 46)
F Statistic	6.551*** (df = 2; 46)

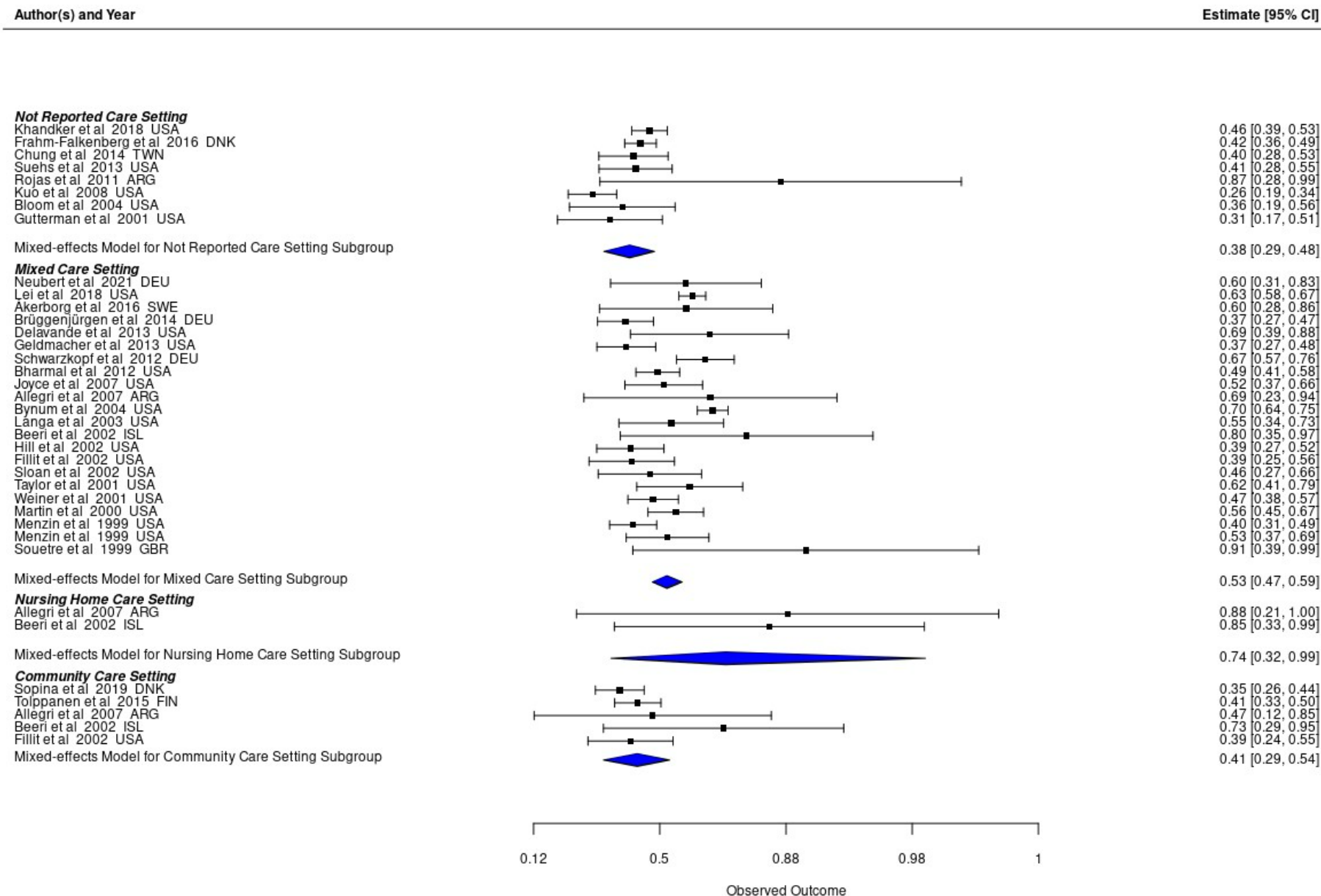
Note: *p<0.1; **p<0.05; ***p<0.01
All variables are modeled after applying the natural logarithm.

Supplementary Table 21. Caregiver sex model outliers

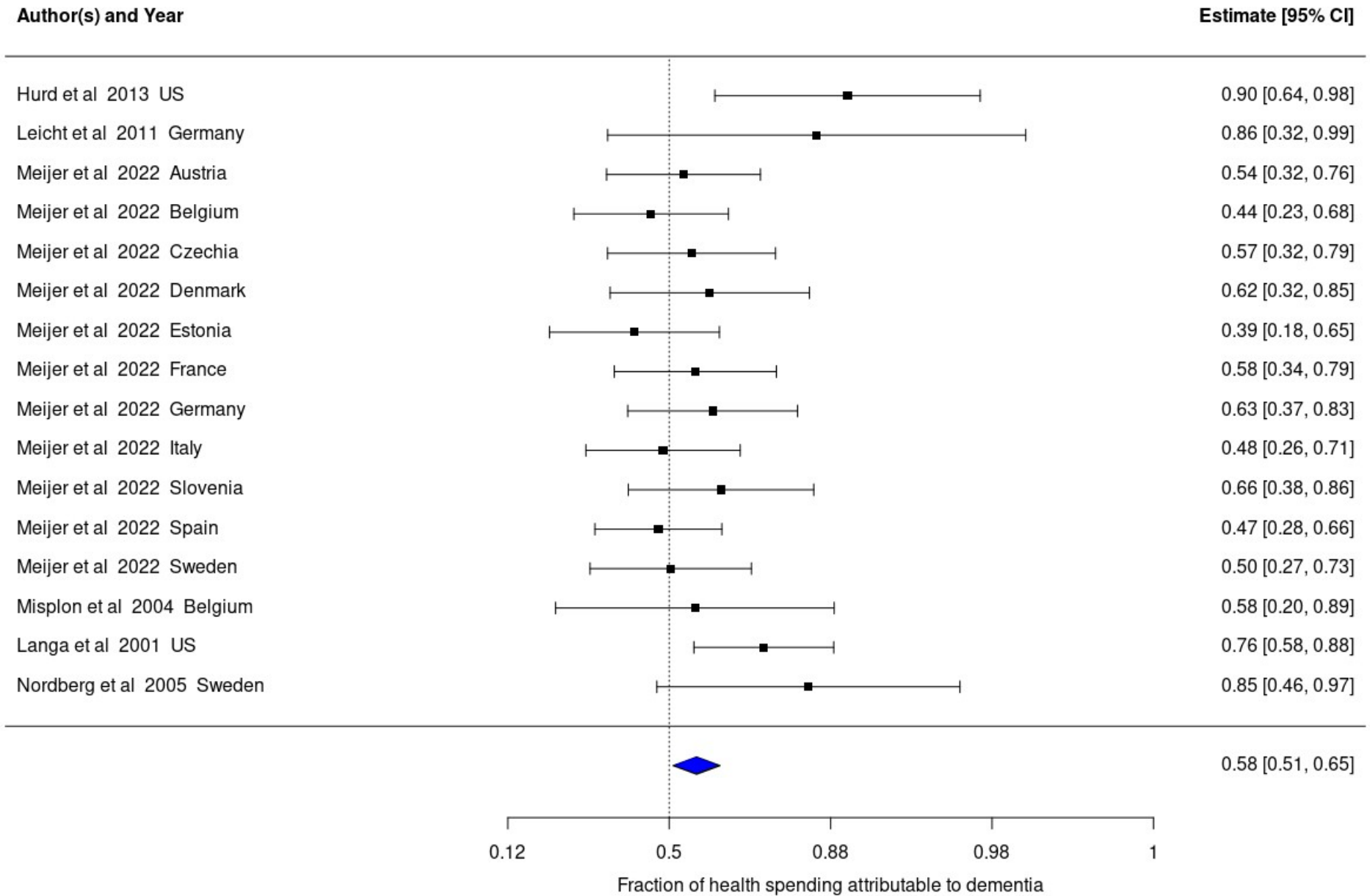
Country	Year	Severity	Care type	Value
Nigeria	2004	All	All	95%
Singapore	2018	All	All	80%
Sweden	2019	All	All	52%

Results

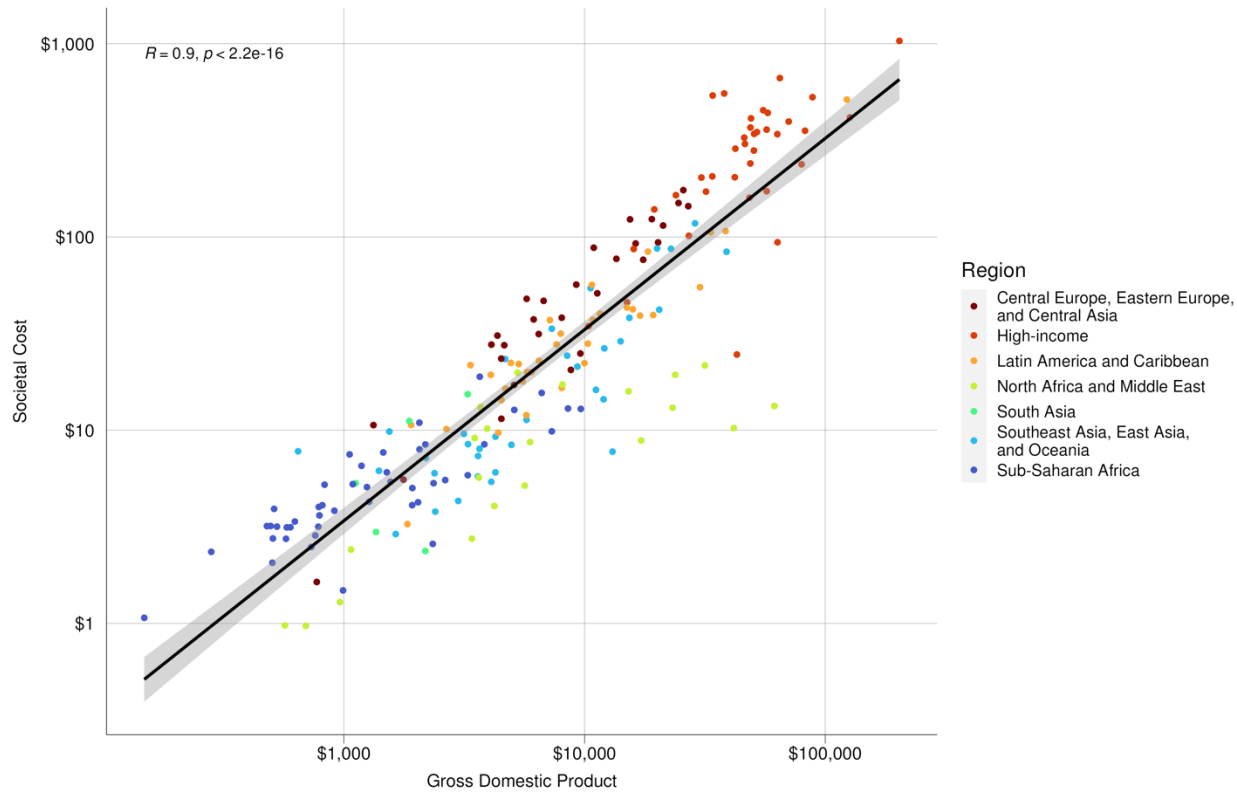
Supplementary Figure 5. Meta-analysis results for direct spending attributable fraction.



Supplementary Figure 6. Meta-analysis results for caregiving attributable fraction.

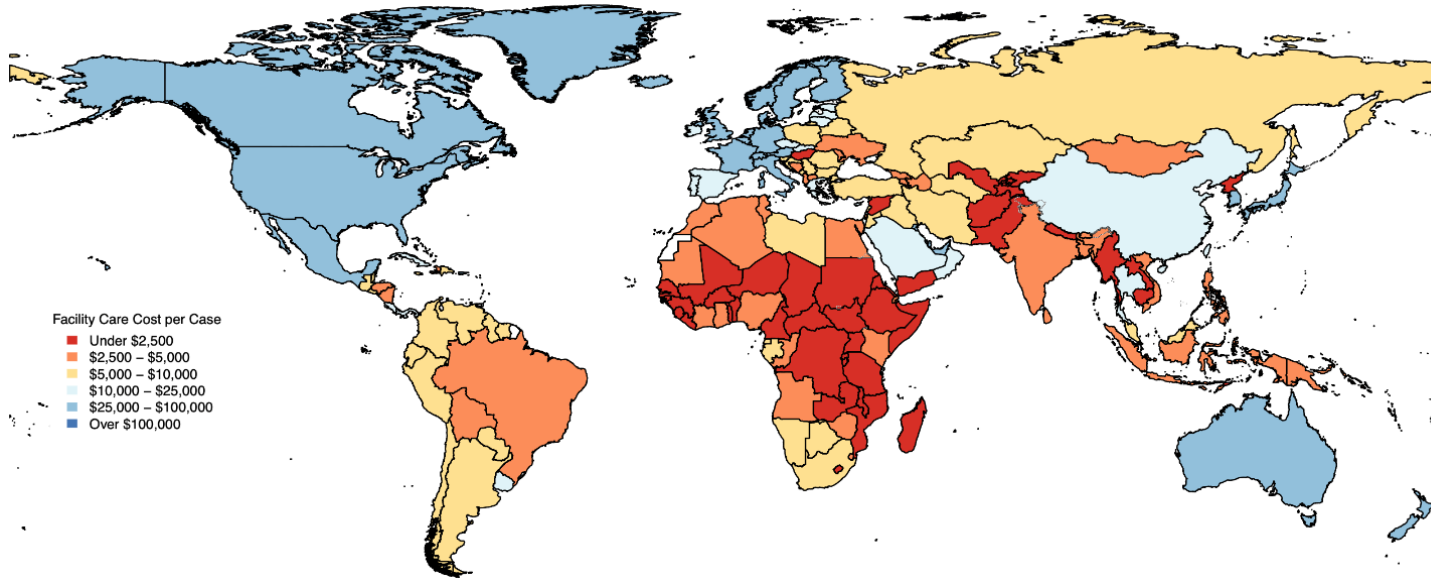


Supplementary Figure 7. Per-Capita Dementia Spending vs GDP (2019)

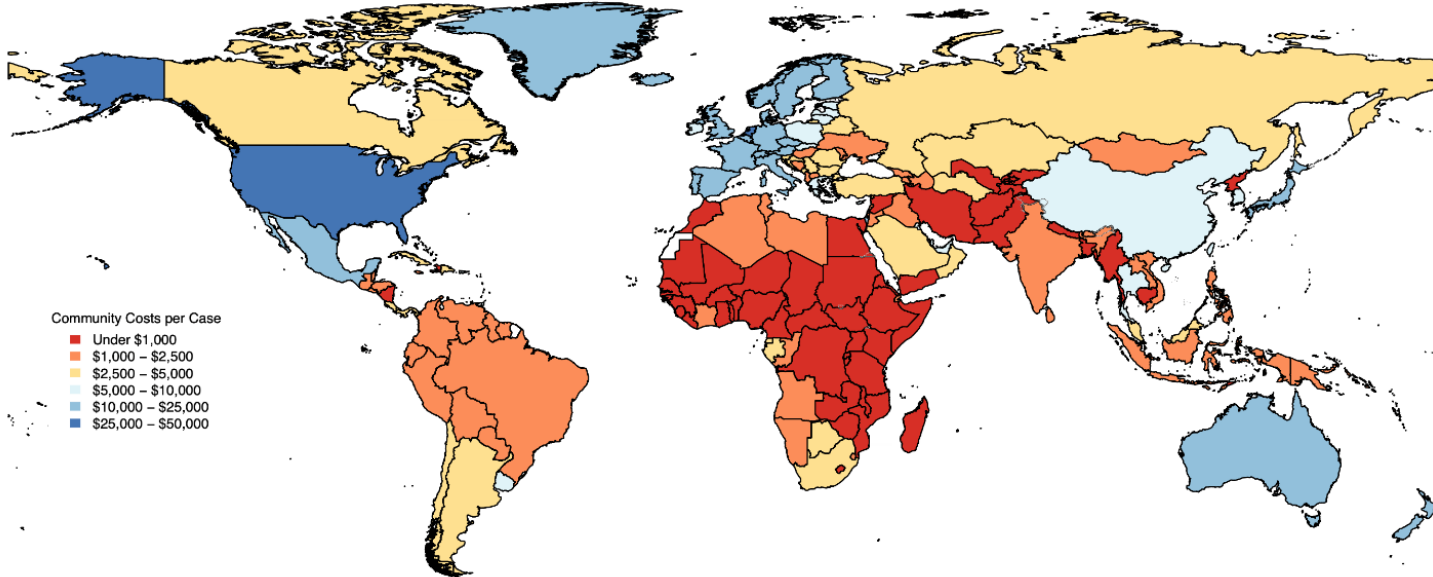


Supplementary Figures 8 through 13 show country-level estimates for each of the modeled parameters used to create our global cost estimates: cost per case in nursing homes, cost per case in the community, the diagnosis rate, the rate of people living with ADRD who live in nursing homes, weekly caregiving hours, and the percent of caregivers who are female. All maps show values for 2019.

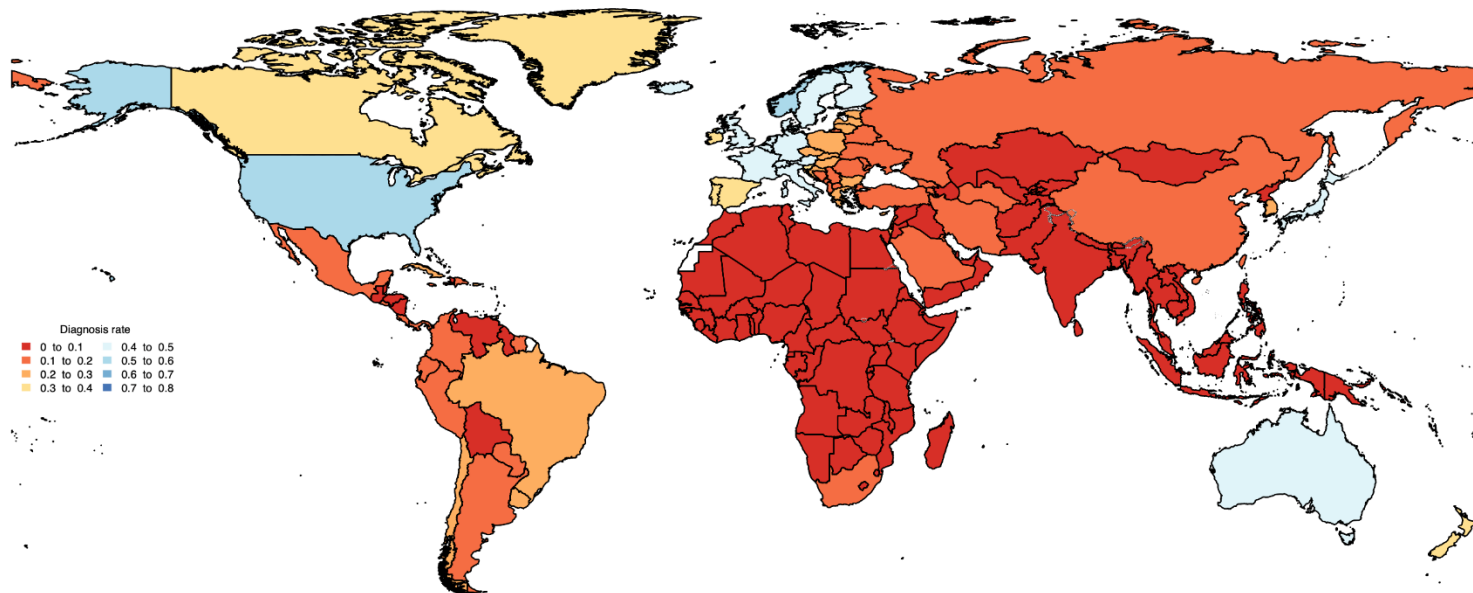
Supplementary Figure 8. Global Map of Annual Dementia Unit Costs per Case in 2019: Facility Care (2019 USD)



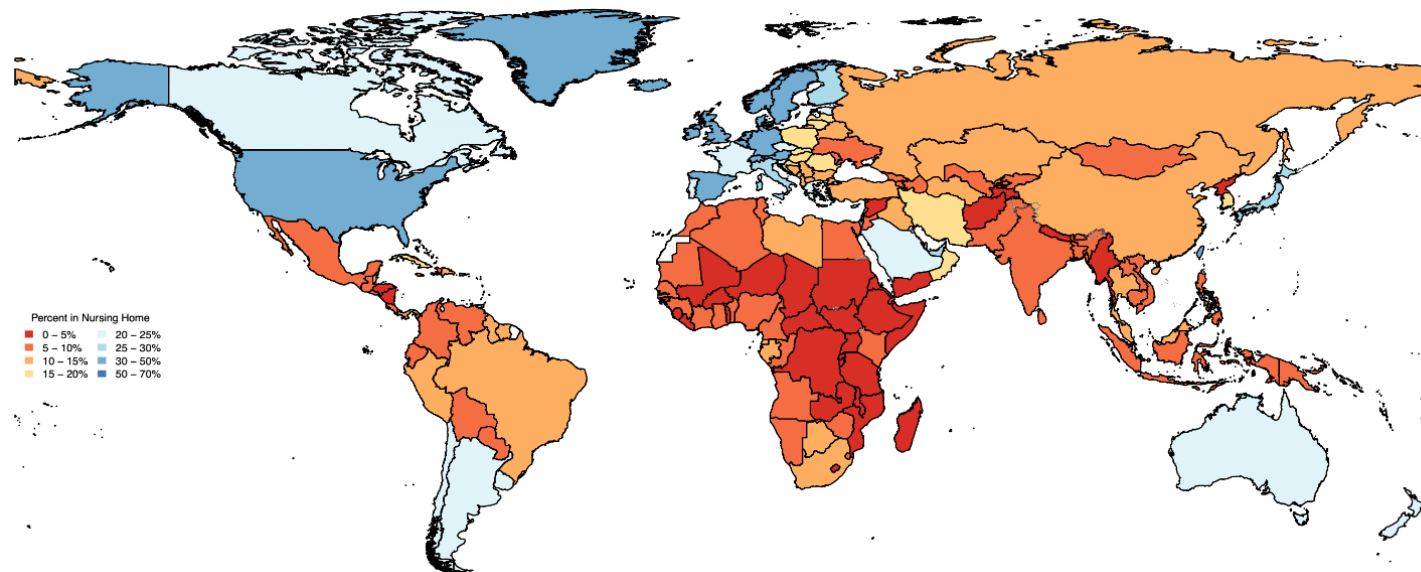
Supplementary Figure 9. Global Map of Annual Dementia Unit Costs per Case in 2019: Community Care (2019 USD)



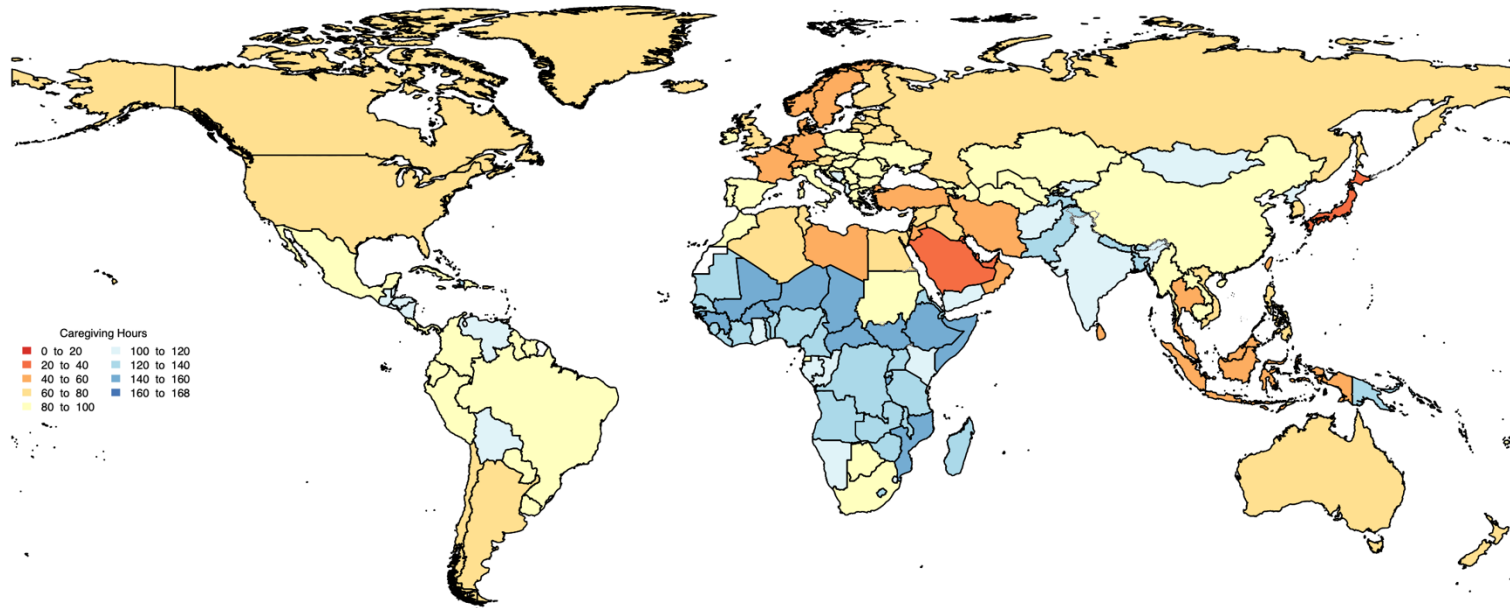
Supplementary Figure 10. Global Map of Dementia Diagnosis Rate in 2019



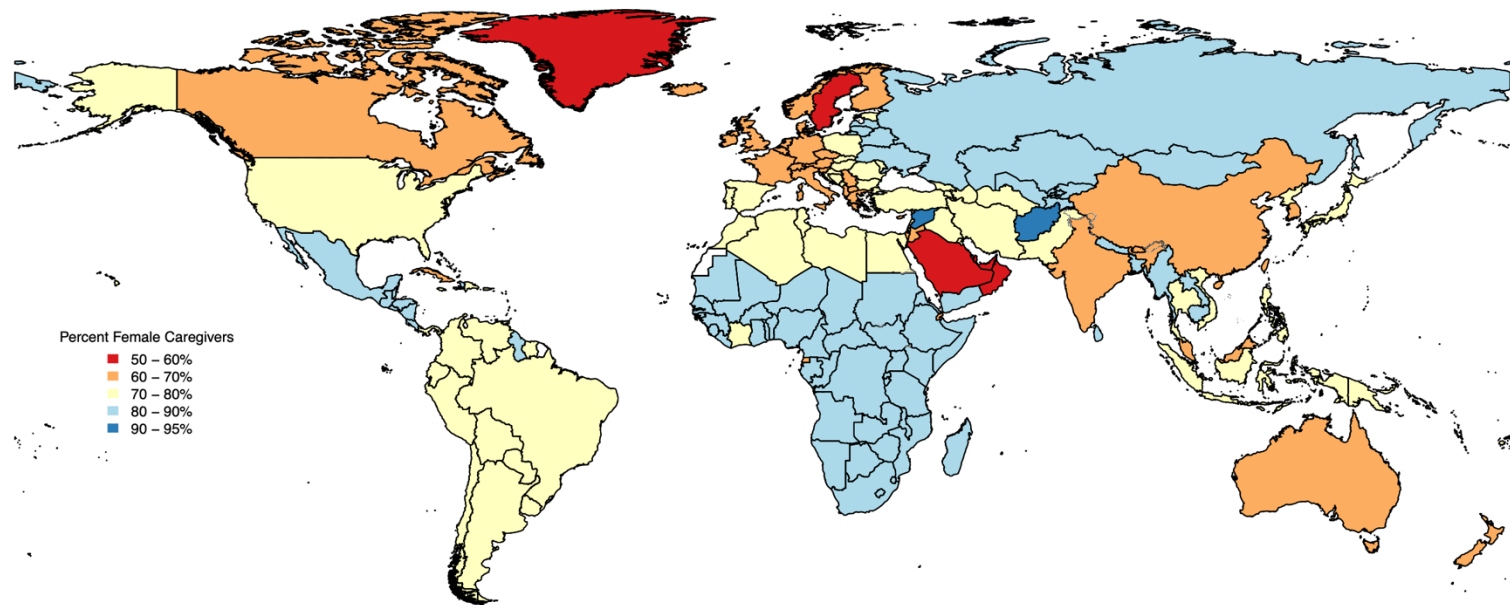
Supplementary Figure 11. Global Map of Care Setting Distribution in 2019



Supplementary Figure 12. Global Map of Caregiving Hours per Week 2019



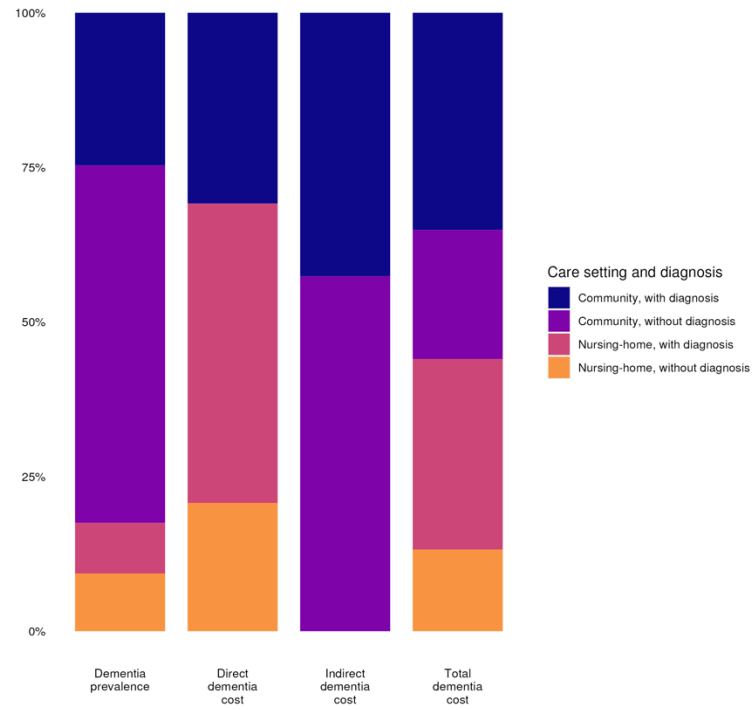
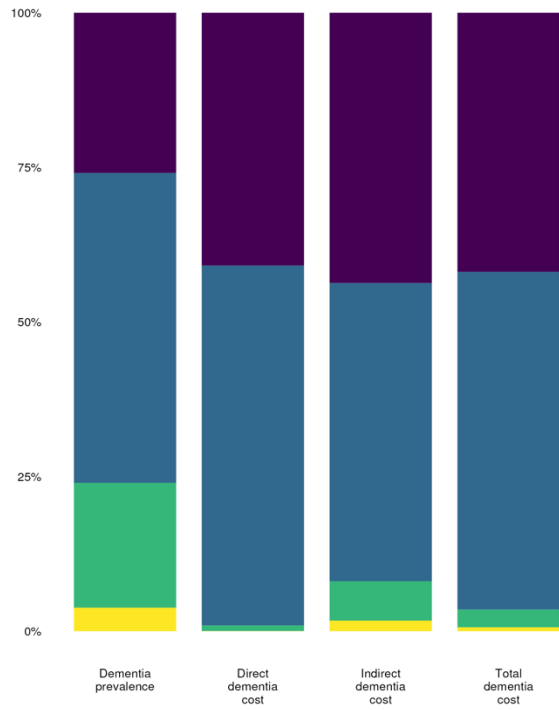
Supplementary Figure 13. Global Map of Caregiver Sex Distribution 2019



Supplementary Figure 14. Dementia prevalence and costs by World Bank income group and care setting/diagnosis status in 2050

Panel A: Dementia prevalence and costs by World Bank income group

Panel B: Dementia prevalence and costs by care setting and diagnosis



Supplementary Table 22. Direct, indirect, and total cost per person and per case in 2019 USD

	Direct cost attributable to dementia per person 2019 (USD)	Indirect cost per person	Total cost per person	Direct cost per case	Indirect cost per case	Total cost per case
Central Asia	\$0.93 (\$0.46-\$1.54)	\$12.10 (\$6.37-\$17.80)	\$13.03 (\$7.39-\$18.95)	\$222.23 (\$112.77-\$369.15)	\$2 894.96 (\$1 551.54-\$4 174.65)	\$3 117.20 (\$1 764.88-\$4 393.88)
Armenia	\$2.38 (\$1.27-\$4.01)	\$25.15 (\$13.17-\$37.89)	\$27.53 (\$15.52-\$40.63)	\$227.05 (\$122.92-\$375.15)	\$2 403.05 (\$1 236.75-\$3 484.63)	\$2 630.10 (\$1 486.91-\$3 748.80)
Azerbaijan	\$0.84 (\$0.41-\$1.39)	\$16.30 (\$8.34-\$24.97)	\$17.13 (\$9.05-\$25.83)	\$190.12 (\$95.99-\$314.22)	\$3 709.83 (\$1 916.99-\$5 448.16)	\$3 899.95 (\$2 120.31-\$5 633.42)
Georgia	\$3.21 (\$1.68-\$5.34)	\$20.25 (\$10.01-\$31.32)	\$23.46 (\$13.18-\$35.10)	\$213.66 (\$115.62-\$351.74)	\$1 348.96 (\$679.29-\$1 996.69)	\$1 562.61 (\$875.75-\$2 239.83)
Kazakhstan	\$2.36 (\$1.13-\$3.94)	\$22.59 (\$11.10-\$34.13)	\$24.95 (\$13.74-\$36.84)	\$420.11 (\$208.64-\$694.95)	\$4 026.30 (\$2 077.88-\$5 998.02)	\$4 446.41 (\$2 462.00-\$6 380.25)
Kyrgyzstan	\$0.15 (\$0.08-\$0.25)	\$10.48 (\$6.16-\$14.83)	\$10.62 (\$6.34-\$15.00)	\$35.75 (\$18.78-\$58.90)	\$2 526.13 (\$1 460.74-\$3 477.40)	\$2 561.88 (\$1 506.62-\$3 508.15)
Mongolia	\$0.50 (\$0.24-\$0.83)	\$10.96 (\$6.05-\$15.86)	\$11.46 (\$6.43-\$16.50)	\$157.33 (\$78.33-\$259.76)	\$3 457.88 (\$1 949.04-\$4 900.07)	\$3 615.22 (\$2 101.22-\$5 036.66)
Tajikistan	\$0.04 (\$0.02-\$0.06)	\$1.60 (\$1.03-\$2.22)	\$1.64 (\$1.06-\$2.28)	\$17.63 (\$9.23-\$29.03)	\$738.26 (\$467.60-\$1 002.75)	\$755.89 (\$485.86-\$1 020.18)
Turkmenistan	\$1.82 (\$0.91-\$3.02)	\$18.69 (\$9.22-\$30.32)	\$20.52 (\$10.99-\$32.15)	\$413.72 (\$209.56-\$684.29)	\$4 242.08 (\$2 177.03-\$6 638.09)	\$4 655.80 (\$2 565.64-\$7 080.60)
Uzbekistan	\$0.11 (\$0.05-\$0.19)	\$5.44 (\$2.76-\$8.46)	\$5.55 (\$2.87-\$8.60)	\$49.82 (\$25.27-\$82.41)	\$2 433.73 (\$1 284.21-\$3 731.19)	\$2 483.55 (\$1 331.87-\$3 779.29)
Central Europe	\$17.47 (\$9.01-\$29.29)	\$72.44 (\$38.99-\$106.50)	\$89.91 (\$55.35-\$126.84)	\$1 012.18 (\$536.15-\$1 665.12)	\$4 195.17 (\$2 277.67-\$6 026.64)	\$5 207.36 (\$3 229.14-\$7 123.28)
Albania	\$3.49 (\$1.82-\$5.91)	\$44.35 (\$25.71-\$62.01)	\$47.85 (\$29.70-\$66.28)	\$264.63 (\$142.87-\$437.05)	\$3 358.24 (\$1 960.04-\$4 542.92)	\$3 622.87 (\$2 240.04-\$4 844.82)
Bosnia and Herzegovina	\$4.70 (\$2.46-\$7.89)	\$32.74 (\$18.97-\$46.56)	\$37.44 (\$23.20-\$52.40)	\$326.07 (\$178.07-\$541.54)	\$2 270.36 (\$1 337.73-\$3 138.40)	\$2 596.43 (\$1 649.94-\$3 517.88)

Bulgaria	\$12.67 (\$6.64-\$21.19)	\$75.31 (\$41.13-\$108.45)	\$87.98 (\$53.08-\$124.37)	\$673.50 (\$362.33-\$117.74)	\$4 000.82 (\$2 210.24-\$5 681.80)	\$4 674.32 (\$2 857.40-\$6 429.60)
Croatia	\$20.06 (\$10.41-\$34.03)	\$103.27 (\$53.81-\$155.86)	\$123.33 (\$73.13-\$179.23)	\$1 009.35 (\$537.27-\$1 676.25)	\$5 194.44 (\$2 697.69-\$7 673.97)	\$6 203.79 (\$3 655.53-\$8 702.40)
Czechia	\$52.17 (\$27.08-\$86.24)	\$122.53 (\$60.30-\$187.14)	\$174.70 (\$108.64-\$249.36)	\$2 821.79 (\$1 525.76-\$4 631.78)	\$6 626.31 (\$3 338.63-\$9 878.00)	\$9 448.10 (\$5 926.06-\$13 051.12)
Hungary	\$4.62 (\$2.41-\$7.84)	\$71.61 (\$37.06-\$106.52)	\$76.23 (\$42.13-\$112.38)	\$242.04 (\$127.47-\$401.94)	\$3 753.92 (\$1 977.73-\$5 498.99)	\$3 995.95 (\$2 200.41-\$5 711.24)
Montenegro	\$6.57 (\$3.42-\$11.10)	\$50.11 (\$24.31-\$77.84)	\$56.68 (\$30.28-\$86.34)	\$521.82 (\$281.58-\$865.32)	\$3 978.13 (\$2 008.23-\$6 088.08)	\$4 499.95 (\$2 584.18-\$6 638.49)
North Macedonia	\$3.28 (\$1.70-\$5.52)	\$28.18 (\$15.27-\$40.76)	\$31.46 (\$18.71-\$45.55)	\$324.99 (\$175.73-\$535.58)	\$2 789.42 (\$1 544.96-\$3 972.04)	\$3 114.40 (\$1 863.16-\$4 299.61)
Poland	\$17.97 (\$9.18-\$30.03)	\$74.55 (\$42.85-\$106.63)	\$92.52 (\$59.65-\$128.41)	\$1 045.65 (\$549.81-\$1 734.42)	\$4 334.50 (\$2 482.44-\$6 056.93)	\$5 380.15 (\$3 443.91-\$7 164.15)
Romania	\$14.97 (\$7.75-\$25.48)	\$62.12 (\$33.82-\$90.15)	\$77.10 (\$48.09-\$109.67)	\$824.96 (\$436.43-\$1 367.76)	\$3 419.93 (\$1 873.03-\$4 859.85)	\$4 244.89 (\$2 637.62-\$5 759.60)
Serbia	\$6.41 (\$3.31-\$10.85)	\$31.79 (\$16.78-\$47.10)	\$38.20 (\$22.83-\$55.45)	\$435.44 (\$235.13-\$720.08)	\$2 158.17 (\$1 145.52-\$3 134.59)	\$2 593.61 (\$1 559.03-\$3 609.65)
Slovakia	\$19.88 (\$10.02-\$33.50)	\$73.85 (\$36.93-\$111.44)	\$93.73 (\$55.72-\$135.38)	\$1 373.96 (\$722.26-\$2 281.07)	\$5 101.65 (\$2 590.08-\$7 627.14)	\$6 475.61 (\$3 856.50-\$9 004.55)
Slovenia	\$20.83 (\$10.63-\$35.24)	\$123.55 (\$60.13-\$192.40)	\$144.39 (\$83.51-\$217.35)	\$961.44 (\$505.34-\$1 602.01)	\$5 701.21 (\$2 814.78-\$8 708.97)	\$6 662.65 (\$3 785.89-\$9 596.18)
Eastern Europe	\$7.77 (\$3.98-\$12.99)	\$40.61 (\$18.41-\$65.92)	\$48.38 (\$26.67-\$74.68)	\$560.08 (\$294.55-\$929.30)	\$2 925.45 (\$1 384.74-\$4 610.82)	\$3 485.54 (\$1 919.80-\$5 132.92)
Belarus	\$4.94 (\$2.54-\$8.21)	\$41.78 (\$18.78-\$69.10)	\$46.72 (\$23.25-\$74.88)	\$337.52 (\$179.88-\$557.91)	\$2 852.75 (\$1 263.69-\$4 636.41)	\$3 190.28 (\$1 628.24-\$4 954.98)
Estonia	\$38.15 (\$19.27-\$64.42)	\$111.76 (\$49.57-\$186.69)	\$149.91 (\$84.76-\$228.79)	\$1 881.51 (\$988.14-\$3 128.37)	\$5 511.62 (\$2 477.72-\$9 049.72)	\$7 393.13 (\$4 201.62-\$10 872.97)
Latvia	\$27.71 (\$14.18-\$47.00)	\$95.98 (\$43.74-\$160.59)	\$123.69 (\$68.04-\$192.21)	\$1 349.07 (\$708.74-\$2 240.88)	\$4 672.42 (\$2 079.81-\$7 655.07)	\$6 021.48 (\$3 385.11-\$9 073.63)

Lithuania	\$31.60 (\$16.03-\$53.22)	\$83.02 (\$35.66-\$140.47)	\$114.62 (\$64.74-\$176.59)	\$1 558.32 (\$818.57-\$2 589.80)	\$4 092.53 (\$1 794.99-\$6 817.37)	\$5 650.85 (\$3 221.33-\$8 382.52)
Republic of Moldova	\$2.24 (\$1.17-\$3.74)	\$25.49 (\$12.34-\$39.46)	\$27.73 (\$14.46-\$41.95)	\$176.07 (\$94.91-\$290.40)	\$2 003.14 (\$947.22-\$3 049.36)	\$2 179.21 (\$1 126.27-\$3 237.32)
Russian Federation	\$8.55 (\$4.37-\$14.26)	\$42.57 (\$19.43-\$68.74)	\$51.11 (\$28.49-\$79.19)	\$638.73 (\$335.69-\$1 060.39)	\$3 180.45 (\$1 495.59-\$5 028.29)	\$3 819.17 (\$2 101.86-\$5 618.55)
Ukraine	\$2.99 (\$1.56-\$5.03)	\$27.89 (\$13.43-\$43.91)	\$30.88 (\$16.35-\$47.64)	\$204.75 (\$110.78-\$338.09)	\$1 912.08 (\$932.78-\$2 894.82)	\$2 116.83 (\$1 138.63-\$3 102.53)
Australasia	\$153.91 (\$75.92-\$260.93)	\$264.02 (\$110.44-\$440.96)	\$417.93 (\$243.55-\$626.83)	\$10 793.19 (\$5 424.12-\$18 221.97)	\$18 515.16 (\$8 078.32-\$31 061.34)	\$29 308.35 (\$17 121.24-\$42 709.94)
Australia	\$158.77 (\$78.37-\$269.39)	\$280.19 (\$117.53-\$467.56)	\$438.96 (\$256.21-\$657.73)	\$11 208.83 (\$5 634.24-\$18 920.49)	\$19 781.96 (\$8 629.20-\$33 172.44)	\$30 990.79 (\$18 013.97-\$45 080.59)
New Zealand	\$127.39 (\$60.58-\$214.87)	\$175.64 (\$73.98-\$302.00)	\$303.03 (\$176.30-\$459.30)	\$8 616.57 (\$4 313.31-\$14 541.28)	\$11 881.52 (\$5 170.00-\$20 177.01)	\$20 498.09 (\$11 904.81-\$30 199.33)
High-income Asia Pacific	\$239.11 (\$119.56-\$401.23)	\$190.04 (\$87.98-\$328.51)	\$429.15 (\$259.74-\$636.42)	\$9 060.47 (\$4 588.85-\$15 161.29)	\$7 201.02 (\$3 323.39-\$12 528.41)	\$16 261.49 (\$9 878.02-\$23 738.71)
Brunei Darussalam	\$9.74 (\$4.22-\$16.57)	\$14.91 (\$5.89-\$26.37)	\$24.65 (\$13.75-\$38.09)	\$3 591.07 (\$1 593.27-\$6 028.50)	\$5 499.15 (\$2 238.13-\$9 689.27)	\$9 090.21 (\$5 163.30-\$13 615.51)
Japan	\$336.00 (\$167.53-\$563.59)	\$217.01 (\$98.91-\$383.76)	\$553.01 (\$331.67-\$832.28)	\$10 157.61 (\$5 118.35-\$16 967.39)	\$6 559.12 (\$2 969.34-\$11 637.36)	\$16 716.73 (\$10 051.17-\$24 387.46)
Republic of Korea	\$32.77 (\$16.68-\$54.84)	\$138.85 (\$68.15-\$220.76)	\$171.62 (\$95.56-\$259.26)	\$2 635.41 (\$1 326.34-\$4 448.76)	\$11 158.72 (\$5 469.41-\$17 411.07)	\$13 794.13 (\$7 874.21-\$20 372.57)
Singapore	\$16.13 (\$7.60-\$26.99)	\$77.74 (\$34.17-\$137.20)	\$93.87 (\$48.26-\$153.79)	\$1 841.14 (\$888.26-\$3 091.42)	\$8 870.93 (\$3 973.20-\$15 448.40)	\$10 712.08 (\$5 591.22-\$17 480.37)
High-income North America	\$308.76 (\$157.20-\$469.59)	\$317.00 (\$180.72-\$484.91)	\$625.76 (\$417.29-\$835.08)	\$18 754.93 (\$9 749.29-\$27 968.24)	\$19 252.04 (\$10 951.52-\$29 062.10)	\$38 006.97 (\$25 522.94-\$50 296.86)
Canada	\$51.78 (\$23.60-\$87.63)	\$228.32 (\$98.27-\$382.67)	\$280.10 (\$149.78-\$436.21)	\$3 236.42 (\$1 500.27-\$5 499.33)	\$14 266.91 (\$6 077.69-\$23 596.01)	\$17 503.33 (\$9 373.03-\$26 539.89)
Greenland	\$73.36 (\$31.67-\$125.22)	\$99.13 (\$44.48-\$161.65)	\$172.49 (\$102.97-\$253.14)	\$9 689.49 (\$4 361.12-\$16 565.79)	\$13 094.00 (\$5 983.55-\$20 817.22)	\$22 783.50 (\$13 652.14-\$32 449.47)

United States of America	\$337.41 (\$172.08- \$512.77)	\$326.91 (\$189.78- \$498.99)	\$664.32 (\$447.18- \$882.85)	\$20 428.71 (\$10 607.98-\$30 306.11)	\$19 790.00 (\$11 486.64-\$29 754.82)	\$40 218.71 (\$27 224.60-\$52 866.86)
Southern Latin America	\$9.56 (\$4.66-\$16.05)	\$30.76 (\$15.48-\$48.05)	\$40.33 (\$24.21-\$59.02)	\$1 001.95 (\$499.89-\$1 667.96)	\$3 223.00 (\$1 627.97-\$4 917.97)	\$4 224.94 (\$2 503.29-\$5 951.98)
Argentina	\$9.67 (\$4.73-\$16.31)	\$24.88 (\$12.83-\$38.06)	\$34.55 (\$20.84-\$49.63)	\$1 054.90 (\$527.30-\$1 754.92)	\$2 712.96 (\$1 423.98-\$4 073.39)	\$3 767.86 (\$2 332.80-\$5 256.55)
Chile	\$7.17 (\$3.43-\$12.16)	\$38.72 (\$17.52-\$61.30)	\$45.89 (\$24.98-\$69.47)	\$743.95 (\$366.02-\$1 246.53)	\$4 017.83 (\$1 895.34-\$6 365.14)	\$4 761.77 (\$2 603.75-\$7 002.07)
Uruguay	\$20.79 (\$10.01-\$34.89)	\$65.88 (\$32.89- \$102.06)	\$86.67 (\$51.90-\$124.92)	\$1 488.09 (\$747.14-\$2 495.13)	\$4 714.32 (\$2 351.16-\$7 152.60)	\$6 202.41 (\$3 746.04-\$8 562.69)
Western Europe	\$168.49 (\$80.00- \$280.76)	\$176.25 (\$85.33- \$287.22)	\$344.74 (\$215.35- \$497.55)	\$9 288.16 (\$4 596.79-\$15 337.00)	\$9 712.96 (\$4 562.78-\$15 748.11)	\$19 001.12 (\$11 772.05-\$26 845.96)
Andorra	\$68.38 (\$31.26- \$116.37)	\$135.35 (\$58.48- \$225.54)	\$203.73 (\$116.41- \$307.23)	\$5 288.71 (\$2 451.48-\$8 920.34)	\$10 468.83 (\$4 564.11-\$17 310.91)	\$15 757.54 (\$9 143.16-\$22 944.82)
Austria	\$136.91 (\$62.78- \$234.33)	\$212.15 (\$88.60- \$353.01)	\$349.06 (\$209.26- \$511.35)	\$8 254.91 (\$3 890.45-\$13 948.99)	\$12 788.10 (\$5 487.63-\$21 022.07)	\$21 043.01 (\$12 538.69-\$29 865.50)
Belgium	\$234.10 (\$107.49- \$400.91)	\$176.89 (\$72.65- \$317.71)	\$411.00 (\$242.50- \$631.90)	\$13 864.80 (\$6 585.15-\$23 396.24)	\$10 472.11 (\$4 177.78-\$18 616.05)	\$24 336.91 (\$14 098.65-\$36 129.34)
Cyprus	\$27.09 (\$12.23-\$46.41)	\$74.34 (\$32.16- \$123.46)	\$101.43 (\$57.12-\$155.51)	\$2 854.47 (\$1 328.95-\$4 793.06)	\$7 831.68 (\$3 536.95-\$12 900.51)	\$10 686.16 (\$6 078.44-\$15 693.62)
Denmark	\$137.60 (\$60.44- \$237.33)	\$202.94 (\$79.67- \$364.95)	\$340.53 (\$193.29- \$515.52)	\$9 532.07 (\$4 357.82-\$16 219.89)	\$14 058.15 (\$5 620.43-\$25 103.01)	\$23 590.22 (\$13 330.20-\$35 225.08)
Finland	\$146.76 (\$70.08- \$252.64)	\$194.83 (\$79.75- \$339.65)	\$341.58 (\$201.70- \$514.31)	\$8 061.11 (\$3 987.53-\$13 640.53)	\$10 698.33 (\$4 495.74-\$18 602.75)	\$18 759.43 (\$10 859.38-\$27 378.85)
France	\$136.92 (\$71.08- \$228.80)	\$149.54 (\$65.54- \$260.22)	\$286.46 (\$170.24- \$427.90)	\$7 489.57 (\$3 942.28-\$12 515.16)	\$8 177.59 (\$3 566.36-\$13 985.42)	\$15 667.16 (\$9 292.16-\$23 164.22)
Germany	\$193.84 (\$84.92- \$329.45)	\$174.70 (\$73.74- \$310.97)	\$368.54 (\$212.68- \$552.81)	\$9 576.27 (\$4 408.80-\$16 173.13)	\$8 628.05 (\$3 636.76-\$15 366.30)	\$18 204.32 (\$10 410.87-\$26 823.94)
Greece	\$43.69 (\$21.22-\$74.77)	\$95.23 (\$47.55- \$148.46)	\$138.92 (\$84.67-\$201.29)	\$2 160.04 (\$1 077.73-\$3 645.02)	\$4 707.02 (\$2 391.41-\$7 098.49)	\$6 867.06 (\$4 181.80-\$9 668.60)

Iceland	\$141.54 (\$63.03- \$243.47)	\$254.10 (\$102.23- \$444.04)	\$395.65 (\$222.54- \$599.99)	\$11 067.92 (\$5 056.89-\$18 693.28)	\$19 872.06 (\$8 209.76-\$34 714.13)	\$30 939.98 (\$17 377.78-\$45 936.39)
Ireland	\$49.61 (\$21.44-\$85.00)	\$188.11 (\$95.22- \$286.70)	\$237.71 (\$143.27- \$338.69)	\$4 495.47 (\$2 010.48-\$7 730.36)	\$17 040.42 (\$8 673.57-\$25 763.17)	\$21 535.90 (\$13 001.62-\$29 920.81)
Israel	\$54.59 (\$24.91-\$91.21)	\$105.17 (\$44.67- \$183.64)	\$159.76 (\$94.61-\$236.70)	\$5 890.08 (\$2 810.34-\$9 686.37)	\$11 345.80 (\$4 927.28-\$19 405.53)	\$17 235.88 (\$10 177.01-\$24 770.41)
Italy	\$303.40 (\$143.75- \$519.12)	\$236.26 (\$120.60- \$365.65)	\$539.66 (\$338.16- \$789.92)	\$12 374.07 (\$6 038.69-\$20 983.12)	\$9 631.25 (\$5 074.48-\$14 247.23)	\$22 005.31 (\$13 868.60-\$31 461.50)
Luxembourg	\$244.83 (\$107.98- \$417.59)	\$170.69 (\$69.55- \$299.63)	\$415.52 (\$239.57- \$614.39)	\$21 974.91 (\$9 656.11-\$37 751.99)	\$15 324.04 (\$6 433.43-\$26 687.08)	\$37 298.95 (\$21 604.54-\$53 449.39)
Malta	\$72.90 (\$33.79- \$124.41)	\$133.00 (\$60.83- \$214.65)	\$205.90 (\$121.78- \$304.46)	\$4 498.93 (\$2 200.36-\$7 592.80)	\$8 207.09 (\$3 837.04-\$13 086.99)	\$12 706.02 (\$7 488.54-\$18 311.54)
Monaco	\$801.87 (\$340.24-\$1 375.67)	\$232.56 (\$93.00- \$428.10)	\$1 034.42 (\$551.83-\$1 606.73)	\$37 417.49 (\$15 729.70-\$63 698.73)	\$10 855.20 (\$4 300.24-\$19 838.69)	\$48 272.69 (\$25 672.91-\$73 817.27)
Netherlands	\$272.84 (\$156.93- \$424.94)	\$179.87 (\$81.86- \$309.81)	\$452.70 (\$287.29- \$644.18)	\$16 631.60 (\$9 817.32-\$25 357.28)	\$10 963.18 (\$4 799.73-\$18 944.10)	\$27 594.78 (\$17 787.58-\$38 077.76)
Norway	\$131.48 (\$61.73- \$224.25)	\$223.09 (\$87.00- \$402.94)	\$354.57 (\$199.18- \$540.31)	\$9 092.93 (\$4 404.37-\$15 415.53)	\$15 425.54 (\$6 249.80-\$27 627.70)	\$24 518.47 (\$13 760.23-\$36 842.35)
Portugal	\$67.97 (\$34.48- \$113.55)	\$96.54 (\$46.72- \$150.47)	\$164.51 (\$103.02- \$237.09)	\$3 545.73 (\$1 870.10-\$5 885.70)	\$5 032.10 (\$2 443.10-\$7 669.41)	\$8 577.84 (\$5 337.49-\$12 028.82)
San Marino	\$111.51 (\$50.60- \$188.48)	\$128.59 (\$53.11- \$218.59)	\$240.09 (\$142.41- \$361.50)	\$6 715.60 (\$3 121.16-\$11 309.31)	\$7 740.63 (\$3 293.07-\$13 252.68)	\$14 456.23 (\$8 361.52-\$21 159.65)
Spain	\$77.30 (\$36.79- \$128.49)	\$125.74 (\$67.79- \$188.21)	\$203.03 (\$129.12- \$285.06)	\$4 334.12 (\$2 134.45-\$7 249.50)	\$7 047.97 (\$3 815.72-\$10 423.53)	\$11 382.09 (\$7 371.44-\$15 437.01)
Sweden	\$224.32 (\$106.55- \$344.65)	\$135.22 (\$58.17- \$240.96)	\$359.53 (\$217.68- \$516.52)	\$14 479.45 (\$7 134.29-\$21 665.98)	\$8 731.35 (\$3 846.06-\$15 185.99)	\$23 210.80 (\$14 188.34-\$32 165.25)
Switzerland	\$195.04 (\$91.00- \$330.32)	\$333.93 (\$135.78- \$596.83)	\$528.97 (\$307.70- \$798.46)	\$11 704.80 (\$5 755.05-\$19 482.56)	\$20 028.64 (\$8 205.50-\$35 253.27)	\$31 733.43 (\$18 662.60-\$46 399.89)
United Kingdom	\$133.02 (\$62.80- \$215.66)	\$193.59 (\$98.01- \$302.19)	\$326.62 (\$208.20- \$460.48)	\$9 900.47 (\$4 749.68-\$15 514.19)	\$14 406.17 (\$7 262.35-\$22 184.19)	\$24 306.63 (\$15 383.96-\$33 121.63)

Andean Latin America	\$1.67 (\$0.82-\$2.76)	\$20.18 (\$10.69-\$29.85)	\$21.85 (\$12.44-\$31.64)	\$333.19 (\$168.01-\$555.06)	\$4 027.21 (\$2 171.53-\$5 787.09)	\$4 360.40 (\$2 488.02-\$6 110.05)
Bolivia (Plurinational State of)	\$0.57 (\$0.28-\$0.93)	\$21.14 (\$11.97-\$29.72)	\$21.71 (\$12.50-\$30.39)	\$160.32 (\$81.03-\$265.64)	\$5 983.44 (\$3 463.05-\$8 219.15)	\$6 143.76 (\$3 619.25-\$8 390.09)
Ecuador	\$1.66 (\$0.83-\$2.76)	\$18.29 (\$9.67-\$27.07)	\$19.95 (\$11.39-\$29.19)	\$351.48 (\$177.57-\$583.30)	\$3 881.32 (\$2 036.83-\$5 667.95)	\$4 232.80 (\$2 370.28-\$6 014.62)
Peru	\$2.07 (\$1.02-\$3.41)	\$20.81 (\$10.72-\$31.25)	\$22.88 (\$12.98-\$33.38)	\$363.30 (\$183.03-\$604.14)	\$3 660.27 (\$1 936.14-\$5 336.41)	\$4 023.57 (\$2 290.79-\$5 677.82)
Caribbean	\$8.95 (\$4.24-\$15.09)	\$23.80 (\$12.03-\$36.70)	\$32.75 (\$19.93-\$47.46)	\$1 389.60 (\$682.37-\$2 336.82)	\$3 697.27 (\$1 866.61-\$5 595.27)	\$5 086.88 (\$3 054.47-\$7 157.94)
Antigua and Barbuda	\$8.73 (\$4.03-\$14.57)	\$30.43 (\$13.68-\$50.36)	\$39.16 (\$21.28-\$60.54)	\$1 474.22 (\$699.58-\$2 472.61)	\$5 138.78 (\$2 353.42-\$8 250.54)	\$6 613.00 (\$3 764.06-\$9 893.60)
Bahamas	\$15.92 (\$7.29-\$26.74)	\$39.07 (\$17.21-\$65.95)	\$54.99 (\$31.17-\$83.86)	\$3 117.07 (\$1 447.03-\$5 241.36)	\$7 654.38 (\$3 315.48-\$12 772.43)	\$10 771.45 (\$6 039.23-\$16 099.16)
Barbados	\$17.98 (\$8.61-\$30.21)	\$66.00 (\$29.68-\$106.21)	\$83.97 (\$46.58-\$127.85)	\$1 799.11 (\$889.16-\$3 020.96)	\$6 605.45 (\$3 024.43-\$10 403.46)	\$8 404.56 (\$4 683.63-\$12 298.99)
Belize	\$0.89 (\$0.42-\$1.48)	\$15.52 (\$8.53-\$22.46)	\$16.41 (\$9.44-\$23.61)	\$267.18 (\$129.76-\$444.36)	\$4 669.17 (\$2 555.30-\$6 634.80)	\$4 936.35 (\$2 821.81-\$6 915.23)
Bermuda	\$323.07 (\$141.69-\$554.70)	\$191.28 (\$79.77-\$334.79)	\$514.35 (\$296.42-\$774.45)	\$23 283.38 (\$10 364.24-\$39 971.07)	\$13 785.71 (\$5 675.41-\$24 141.63)	\$37 069.09 (\$21 116.07-\$54 050.56)
Cuba	\$10.55 (\$5.40-\$17.60)	\$45.97 (\$22.06-\$72.10)	\$56.52 (\$31.67-\$84.86)	\$1 019.67 (\$522.24-\$1 711.69)	\$4 440.98 (\$2 184.78-\$6 876.32)	\$5 460.65 (\$3 181.20-\$7 963.40)
Dominica	\$4.55 (\$2.19-\$7.55)	\$27.06 (\$11.80-\$44.40)	\$31.60 (\$16.14-\$50.48)	\$583.80 (\$290.45-\$974.68)	\$3 474.85 (\$1 575.39-\$5 591.84)	\$4 058.65 (\$2 166.16-\$6 188.91)
Dominican Republic	\$2.50 (\$1.17-\$4.16)	\$14.07 (\$7.75-\$20.12)	\$16.57 (\$10.17-\$23.11)	\$557.55 (\$269.72-\$930.83)	\$3 131.41 (\$1 747.26-\$4 410.31)	\$3 688.96 (\$2 253.86-\$5 007.57)
Grenada	\$4.17 (\$1.96-\$6.89)	\$23.89 (\$11.78-\$37.33)	\$28.06 (\$15.32-\$42.22)	\$782.13 (\$379.66-\$1 305.86)	\$4 480.81 (\$2 274.91-\$6 824.33)	\$5 262.94 (\$3 056.79-\$7 723.03)
Guyana	\$1.22 (\$0.56-\$2.02)	\$10.74 (\$5.40-\$16.81)	\$11.95 (\$6.47-\$18.22)	\$344.85 (\$166.93-\$573.26)	\$3 046.03 (\$1 616.12-\$4 632.86)	\$3 390.88 (\$1 945.33-\$5 018.11)

Haiti	\$0.16 (\$0.07-\$0.27)	\$3.10 (\$1.96-\$4.49)	\$3.27 (\$2.09-\$4.69)	\$74.27 (\$34.86-\$123.43)	\$1 409.66 (\$901.54-\$2 005.70)	\$1 483.93 (\$968.63-\$2 078.16)
Jamaica	\$2.38 (\$1.18-\$3.97)	\$19.63 (\$9.47-\$31.86)	\$22.01 (\$11.88-\$34.17)	\$344.47 (\$172.12-\$574.20)	\$2 838.03 (\$1 384.80-\$4 512.12)	\$3 182.50 (\$1 692.89-\$4 887.83)
Puerto Rico	\$55.23 (\$25.03-\$93.65)	\$50.57 (\$21.34-\$87.64)	\$105.79 (\$61.71-\$160.41)	\$3 728.99 (\$1 750.15-\$6 263.85)	\$3 414.98 (\$1 445.81-\$5 794.68)	\$7 143.97 (\$4 160.25-\$10 500.97)
Saint Kitts and Nevis	\$8.44 (\$3.87-\$14.19)	\$31.00 (\$13.93-\$52.12)	\$39.44 (\$21.79-\$61.60)	\$1 702.24 (\$795.28-\$2 854.96)	\$6 251.29 (\$2 850.84-\$10 260.46)	\$7 953.53 (\$4 396.15-\$12 199.30)
Saint Lucia	\$5.71 (\$2.71-\$9.52)	\$31.53 (\$15.41-\$48.84)	\$37.24 (\$20.43-\$56.28)	\$828.79 (\$401.28-\$1 384.25)	\$4 572.46 (\$2 328.37-\$6 952.85)	\$5 401.25 (\$3 151.77-\$7 889.36)
Saint Vincent and the Grenadines	\$3.35 (\$1.59-\$5.54)	\$24.44 (\$12.30-\$37.37)	\$27.79 (\$15.36-\$41.73)	\$529.28 (\$258.79-\$881.25)	\$3 857.37 (\$2 013.82-\$5 803.48)	\$4 386.64 (\$2 550.90-\$6 378.90)
Suriname	\$2.06 (\$1.02-\$3.40)	\$15.80 (\$8.50-\$23.30)	\$17.86 (\$10.45-\$25.80)	\$375.45 (\$188.99-\$625.04)	\$2 887.55 (\$1 540.19-\$4 106.70)	\$3 263.00 (\$1 914.34-\$4 552.11)
Trinidad and Tobago	\$10.83 (\$5.23-\$18.07)	\$31.44 (\$14.81-\$49.42)	\$42.27 (\$24.74-\$62.57)	\$1 468.41 (\$725.90-\$2 466.51)	\$4 264.19 (\$2 043.46-\$6 665.43)	\$5 732.61 (\$3 339.72-\$8 194.60)
United States Virgin Islands	\$42.72 (\$19.19-\$71.18)	\$64.63 (\$26.25-\$111.95)	\$107.35 (\$61.11-\$163.89)	\$4 410.60 (\$2 044.75-\$7 447.65)	\$6 675.01 (\$2 746.64-\$11 565.85)	\$11 085.60 (\$6 430.50-\$16 546.05)
Central Latin America	\$6.14 (\$3.14-\$10.17)	\$13.72 (\$7.40-\$19.93)	\$19.86 (\$12.62-\$27.72)	\$1 169.64 (\$613.46-\$1 937.06)	\$2 615.05 (\$1 431.72-\$3 684.28)	\$3 784.69 (\$2 421.83-\$5 184.10)
Colombia	\$2.17 (\$1.14-\$3.59)	\$17.80 (\$9.40-\$26.29)	\$19.97 (\$11.78-\$29.12)	\$293.83 (\$158.40-\$485.12)	\$2 413.41 (\$1 276.17-\$3 497.05)	\$2 707.24 (\$1 585.35-\$3 806.53)
Costa Rica	\$4.94 (\$2.57-\$8.20)	\$35.13 (\$18.34-\$52.72)	\$40.07 (\$22.73-\$58.61)	\$708.52 (\$377.63-\$1 176.75)	\$5 041.64 (\$2 593.59-\$7 410.77)	\$5 750.16 (\$3 367.93-\$8 171.17)
El Salvador	\$1.18 (\$0.62-\$1.98)	\$18.17 (\$11.01-\$25.07)	\$19.35 (\$12.33-\$26.46)	\$181.15 (\$98.05-\$298.45)	\$2 784.78 (\$1 697.73-\$3 726.27)	\$2 965.93 (\$1 883.00-\$3 943.87)
Guatemala	\$0.60 (\$0.30-\$1.00)	\$9.11 (\$5.87-\$12.10)	\$9.71 (\$6.42-\$12.93)	\$180.92 (\$94.95-\$298.90)	\$2 748.96 (\$1 785.44-\$3 538.85)	\$2 929.89 (\$1 980.03-\$3 733.37)
Honduras	\$0.29 (\$0.15-\$0.48)	\$9.85 (\$6.31-\$13.21)	\$10.13 (\$6.56-\$13.55)	\$96.28 (\$50.95-\$158.65)	\$3 294.15 (\$2 128.98-\$4 325.50)	\$3 390.43 (\$2 218.32-\$4 435.48)

Mexico	\$10.63 (\$5.40-\$17.65)	\$11.60 (\$6.13-\$16.99)	\$22.23 (\$14.28-\$31.91)	\$2 259.62 (\$1 184.20-\$3 753.96)	\$2 464.90 (\$1 309.28-\$3 524.14)	\$4 724.52 (\$3 030.99-\$6 554.72)
Nicaragua	\$0.23 (\$0.12-\$0.38)	\$10.42 (\$6.55-\$14.48)	\$10.64 (\$6.77-\$14.70)	\$66.30 (\$36.05-\$108.78)	\$3 029.69 (\$1 913.09-\$4 077.10)	\$3 096.00 (\$1 984.33-\$4 146.51)
Panama	\$6.21 (\$3.18-\$10.38)	\$36.97 (\$18.51-\$55.97)	\$43.17 (\$25.13-\$63.09)	\$957.19 (\$501.11-\$1 590.15)	\$5 702.68 (\$2 929.45-\$8 437.47)	\$6 659.87 (\$3 858.06-\$9 418.00)
Venezuela (Bolivarian Republic of)	\$1.10 (\$0.57-\$1.82)	\$13.21 (\$7.28-\$18.89)	\$14.31 (\$8.47-\$20.35)	\$192.70 (\$102.39-\$318.48)	\$2 316.97 (\$1 289.86-\$3 215.36)	\$2 509.67 (\$1 489.32-\$3 459.31)
Tropical Latin America	\$1.89 (\$1.00-\$3.18)	\$34.80 (\$18.53-\$51.49)	\$36.69 (\$20.81-\$53.79)	\$222.45 (\$120.29-\$368.99)	\$4 102.89 (\$2 183.55-\$5 935.25)	\$4 325.34 (\$2 413.32-\$6 126.93)
Brazil	\$1.89 (\$1.00-\$3.18)	\$35.25 (\$18.79-\$52.16)	\$37.15 (\$21.05-\$54.50)	\$220.75 (\$119.52-\$366.15)	\$4 112.80 (\$2 187.66-\$5 951.47)	\$4 333.55 (\$2 416.35-\$6 141.51)
Paraguay	\$1.72 (\$0.89-\$2.87)	\$20.60 (\$11.03-\$29.87)	\$22.31 (\$13.06-\$31.79)	\$302.74 (\$158.69-\$502.83)	\$3 634.36 (\$1 988.58-\$5 189.01)	\$3 937.10 (\$2 276.23-\$5 470.34)
North Africa and Middle East	\$1.81 (\$0.83-\$3.01)	\$6.59 (\$2.99-\$10.84)	\$8.40 (\$4.66-\$12.98)	\$391.91 (\$183.11-\$651.95)	\$1 425.62 (\$670.34-\$2 322.21)	\$1 817.53 (\$1 004.94-\$2 730.05)
Afghanistan	\$0.02 (\$0.01-\$0.04)	\$0.95 (\$0.66-\$1.26)	\$0.98 (\$0.68-\$1.29)	\$15.06 (\$7.09-\$24.99)	\$576.11 (\$407.81-\$746.88)	\$591.17 (\$419.00-\$764.75)
Algeria	\$0.86 (\$0.39-\$1.45)	\$4.82 (\$2.13-\$8.11)	\$5.69 (\$2.97-\$9.09)	\$164.14 (\$75.97-\$273.18)	\$918.71 (\$408.95-\$1 492.29)	\$1 082.85 (\$550.67-\$1 669.21)
Bahrain	\$5.01 (\$2.13-\$8.54)	\$14.34 (\$5.53-\$26.61)	\$19.36 (\$9.82-\$32.24)	\$1 694.99 (\$738.55-\$2 857.99)	\$4 851.50 (\$1 905.47-\$8 910.28)	\$6 546.50 (\$3 346.27-\$10 662.51)
Egypt	\$0.50 (\$0.22-\$0.83)	\$2.25 (\$1.09-\$3.52)	\$2.75 (\$1.56-\$4.10)	\$143.04 (\$65.09-\$239.52)	\$642.82 (\$311.51-\$987.66)	\$785.86 (\$442.71-\$1 147.99)
Iran (Islamic Republic of)	\$2.53 (\$1.09-\$4.30)	\$13.36 (\$6.44-\$21.52)	\$15.89 (\$8.67-\$24.11)	\$400.39 (\$177.81-\$674.08)	\$2 117.15 (\$1 039.17-\$3 395.67)	\$2 517.54 (\$1 391.92-\$3 753.34)
Iraq	\$0.85 (\$0.37-\$1.44)	\$4.31 (\$2.07-\$6.69)	\$5.17 (\$2.86-\$7.73)	\$265.64 (\$119.28-\$443.48)	\$1 342.55 (\$648.57-\$2 071.07)	\$1 608.19 (\$884.17-\$2 315.06)
Jordan	\$0.61 (\$0.27-\$1.00)	\$3.45 (\$1.46-\$5.93)	\$4.05 (\$2.07-\$6.69)	\$191.28 (\$87.20-\$320.70)	\$1 088.60 (\$470.56-\$1 855.09)	\$1 279.88 (\$651.22-\$2 040.65)
Kuwait	\$8.99 (\$3.85-\$15.25)	\$12.63 (\$4.24-\$25.57)	\$21.62 (\$11.37-\$35.45)	\$2 485.67 (\$1 081.76-\$4 202.53)	\$3 493.73 (\$1 204.65-\$7 073.18)	\$5 979.40 (\$3 200.32-\$9 665.99)

Lebanon	\$2.48 (\$1.15-\$4.15)	\$17.40 (\$6.66-\$32.23)	\$19.87 (\$9.00-\$35.30)	\$289.96 (\$139.28-\$484.38)	\$2 033.50 (\$784.63-\$3 710.38)	\$2 323.46 (\$1 053.04-\$3 996.11)
Libya	\$1.51 (\$0.66-\$2.54)	\$7.17 (\$2.73-\$13.63)	\$8.68 (\$4.07-\$15.30)	\$293.79 (\$132.77-\$491.61)	\$1 396.51 (\$546.21-\$2 553.81)	\$1 690.29 (\$821.69-\$2 908.89)
Morocco	\$0.85 (\$0.38-\$1.42)	\$8.25 (\$3.93-\$13.28)	\$9.10 (\$4.67-\$14.27)	\$152.95 (\$70.39-\$255.96)	\$1 481.65 (\$700.74-\$2 335.69)	\$1 634.60 (\$850.29-\$2 524.06)
Oman	\$1.82 (\$0.78-\$3.07)	\$7.01 (\$2.63-\$13.02)	\$8.83 (\$4.40-\$15.13)	\$1 071.38 (\$463.63-\$1 802.08)	\$4 126.23 (\$1 625.36-\$7 686.16)	\$5 197.60 (\$2 567.17-\$8 702.71)
Palestine	\$0.46 (\$0.20-\$0.76)	\$12.72 (\$6.54-\$19.01)	\$13.17 (\$7.02-\$19.55)	\$165.59 (\$76.31-\$276.59)	\$4 623.61 (\$2 422.89-\$6 808.91)	\$4 789.20 (\$2 580.93-\$6 982.49)
Qatar	\$5.88 (\$2.45-\$10.20)	\$7.46 (\$2.62-\$15.10)	\$13.34 (\$6.86-\$21.85)	\$5 263.77 (\$2 204.43-\$8 929.69)	\$6 679.75 (\$2 391.17-\$13 469.95)	\$11 943.51 (\$6 341.82-\$19 035.19)
Saudi Arabia	\$3.60 (\$1.53-\$6.13)	\$9.47 (\$3.46-\$18.44)	\$13.07 (\$6.52-\$22.05)	\$1 632.19 (\$710.26-\$2 751.00)	\$4 299.32 (\$1 625.12-\$8 308.00)	\$5 931.52 (\$3 001.95-\$9 845.74)
Sudan	\$0.08 (\$0.03-\$0.13)	\$1.21 (\$0.63-\$1.83)	\$1.29 (\$0.71-\$1.92)	\$27.72 (\$12.65-\$46.21)	\$434.92 (\$226.19-\$635.36)	\$462.63 (\$253.23-\$663.86)
Syrian Arab Republic	\$0.16 (\$0.07-\$0.27)	\$2.25 (\$0.96-\$4.15)	\$2.41 (\$1.11-\$4.33)	\$31.99 (\$14.63-\$53.34)	\$451.51 (\$202.54-\$806.40)	\$483.50 (\$231.05-\$848.17)
Tunisia	\$1.56 (\$0.71-\$2.59)	\$8.63 (\$3.85-\$14.39)	\$10.19 (\$5.42-\$16.23)	\$189.69 (\$88.92-\$315.39)	\$1 050.84 (\$474.22-\$1 719.39)	\$1 240.53 (\$653.71-\$1 903.95)
Turkey	\$5.45 (\$2.72-\$9.06)	\$11.77 (\$5.15-\$20.75)	\$17.22 (\$9.74-\$27.34)	\$626.16 (\$316.66-\$1 036.36)	\$1 351.77 (\$610.40-\$2 366.57)	\$1 977.93 (\$1 115.00-\$3 043.81)
United Arab Emirates	\$3.63 (\$1.53-\$6.21)	\$6.62 (\$2.31-\$13.63)	\$10.25 (\$5.13-\$17.72)	\$3 250.22 (\$1 377.63-\$5 506.26)	\$5 925.41 (\$2 090.72-\$11 975.89)	\$9 175.62 (\$4 764.55-\$15 121.86)
Yemen	\$0.04 (\$0.02-\$0.07)	\$0.93 (\$0.51-\$1.57)	\$0.97 (\$0.55-\$1.61)	\$18.23 (\$8.33-\$30.36)	\$393.92 (\$222.07-\$647.80)	\$412.15 (\$240.13-\$669.49)
South Asia	\$0.23 (\$0.10-\$0.38)	\$3.05 (\$1.97-\$4.04)	\$3.28 (\$2.22-\$4.33)	\$80.87 (\$38.97-\$133.62)	\$1 088.89 (\$729.45-\$1 383.91)	\$1 169.77 (\$804.71-\$1 479.11)
Bangladesh	\$0.26 (\$0.12-\$0.44)	\$10.88 (\$7.33-\$14.27)	\$11.14 (\$7.64-\$14.53)	\$70.09 (\$33.37-\$116.04)	\$2 913.78 (\$2 012.21-\$3 655.65)	\$2 983.86 (\$2 088.01-\$3 750.74)
Bhutan	\$0.45 (\$0.21-\$0.75)	\$14.90 (\$9.60-\$20.14)	\$15.35 (\$10.09-\$20.57)	\$146.37 (\$70.47-\$242.40)	\$4 810.99 (\$3 110.94-\$6 266.07)	\$4 957.36 (\$3 303.63-\$6 417.09)
India	\$0.25 (\$0.12-\$0.42)	\$2.12 (\$1.32-\$2.86)	\$2.37 (\$1.58-\$3.16)	\$86.57 (\$41.87-\$143.27)	\$735.10 (\$465.62-\$950.15)	\$821.67 (\$551.76-\$1 056.91)

Nepal	\$0.11 (\$0.05-\$0.18)	\$5.21 (\$3.15-\$7.77)	\$5.32 (\$3.24-\$7.86)	\$38.40 (\$18.97-\$63.39)	\$1 866.82 (\$1 165.50-\$2 736.09)	\$1 905.22 (\$1 208.18-\$2 777.90)
Pakistan	\$0.07 (\$0.03-\$0.12)	\$2.90 (\$1.84-\$4.07)	\$2.97 (\$1.91-\$4.17)	\$44.61 (\$20.84-\$74.06)	\$1 813.76 (\$1 180.15-\$2 509.21)	\$1 858.37 (\$1 214.59-\$2 551.82)
East Asia	\$10.87 (\$5.53-\$17.94)	\$43.70 (\$22.94-\$66.58)	\$54.57 (\$32.33-\$79.60)	\$1 025.83 (\$523.62-\$1 687.92)	\$4 122.46 (\$2 230.09-\$6 134.32)	\$5 148.29 (\$3 196.82-\$7 265.18)
China	\$10.48 (\$5.40-\$17.26)	\$43.90 (\$23.14-\$66.90)	\$54.38 (\$32.25-\$79.57)	\$985.88 (\$514.52-\$1 620.51)	\$4 127.93 (\$2 239.28-\$6 110.07)	\$5 113.81 (\$3 148.07-\$7 256.13)
Democratic People's Republic of Korea	\$0.11 (\$0.05-\$0.18)	\$7.67 (\$4.22-\$11.08)	\$7.78 (\$4.39-\$11.22)	\$14.15 (\$7.44-\$23.26)	\$1 031.51 (\$596.03-\$1 458.45)	\$1 045.66 (\$609.53-\$1 471.92)
Taiwan (Province of China)	\$46.18 (\$19.98-\$77.96)	\$71.48 (\$32.45-\$120.34)	\$117.66 (\$69.97-\$172.53)	\$3 843.85 (\$1 655.82-\$6 480.50)	\$5 950.11 (\$2 704.00-\$10 101.07)	\$9 793.96 (\$5 763.74-\$14 122.86)
Oceania	\$0.48 (\$0.22-\$0.80)	\$6.14 (\$3.47-\$8.93)	\$6.62 (\$3.99-\$9.43)	\$236.23 (\$111.55-\$397.53)	\$3 022.77 (\$1 771.83-\$4 313.27)	\$3 259.00 (\$2 016.51-\$4 552.41)
American Samoa	\$2.49 (\$1.19-\$4.14)	\$24.02 (\$10.14-\$41.58)	\$26.51 (\$12.33-\$44.46)	\$574.32 (\$282.47-\$952.53)	\$5 538.27 (\$2 380.75-\$9 316.49)	\$6 112.59 (\$2 970.47-\$9 955.32)
Cook Islands	\$11.66 (\$5.55-\$19.62)	\$75.19 (\$30.99-\$129.65)	\$86.85 (\$43.16-\$141.75)	\$1 340.24 (\$655.20-\$2 235.61)	\$8 645.69 (\$3 705.08-\$14 762.77)	\$9 985.92 (\$4 942.19-\$16 029.41)
Fiji	\$0.72 (\$0.34-\$1.19)	\$10.59 (\$4.96-\$16.49)	\$11.31 (\$5.79-\$17.31)	\$212.96 (\$104.41-\$353.13)	\$3 137.41 (\$1 508.66-\$4 795.96)	\$3 350.37 (\$1 722.75-\$5 001.61)
Guam	\$17.12 (\$7.76-\$29.03)	\$66.72 (\$25.48-\$121.67)	\$83.84 (\$41.59-\$142.44)	\$2 420.57 (\$1 118.42-\$4 041.63)	\$9 437.34 (\$3 737.61-\$16 881.09)	\$11 857.91 (\$6 066.33-\$19 305.13)
Kiribati	\$0.10 (\$0.05-\$0.16)	\$2.80 (\$1.61-\$4.02)	\$2.90 (\$1.73-\$4.12)	\$49.37 (\$25.95-\$81.17)	\$1 415.78 (\$839.14-\$1 992.01)	\$1 465.15 (\$880.01-\$2 043.86)
Marshall Islands	\$0.33 (\$0.16-\$0.55)	\$5.72 (\$3.11-\$8.28)	\$6.05 (\$3.46-\$8.69)	\$167.69 (\$87.83-\$276.86)	\$2 911.40 (\$1 662.97-\$4 119.40)	\$3 079.08 (\$1 841.75-\$4 323.32)
Micronesia (Federated States of)	\$0.30 (\$0.14-\$0.51)	\$7.71 (\$3.81-\$12.39)	\$8.01 (\$4.13-\$12.70)	\$118.69 (\$58.35-\$196.33)	\$3 001.37 (\$1 541.30-\$4 750.22)	\$3 120.06 (\$1 658.91-\$4 877.11)
Nauru	\$0.60 (\$0.28-\$1.01)	\$7.14 (\$3.58-\$10.94)	\$7.74 (\$4.11-\$11.61)	\$584.30 (\$274.95-\$967.11)	\$6 961.55 (\$3 443.76-\$10 335.75)	\$7 545.85 (\$4 076.75-\$10 961.16)

Niue	\$11.57 (\$5.84-\$19.58)	\$75.61 (\$33.49-\$122.21)	\$87.18 (\$46.52-\$137.73)	\$1 385.21 (\$720.73-\$2 316.96)	\$9 049.89 (\$4 103.92-\$14 549.16)	\$10 435.10 (\$5 446.88-\$15 893.37)
Northern Mariana Islands	\$5.24 (\$2.38-\$8.78)	\$36.79 (\$14.41-\$65.39)	\$42.03 (\$19.12-\$71.46)	\$1 033.77 (\$481.65-\$1 715.91)	\$7 264.09 (\$2 952.23-\$12 724.69)	\$8 297.86 (\$4 011.27-\$13 824.88)
Palau	\$4.52 (\$2.25-\$7.65)	\$33.63 (\$13.47-\$58.40)	\$38.15 (\$17.66-\$63.67)	\$924.46 (\$471.31-\$1 541.07)	\$6 876.76 (\$2 838.85-\$11 786.81)	\$7 801.22 (\$3 838.54-\$12 814.44)
Papua New Guinea	\$0.14 (\$0.06-\$0.24)	\$4.16 (\$2.69-\$5.65)	\$4.30 (\$2.82-\$5.81)	\$82.31 (\$38.31-\$136.72)	\$2 411.48 (\$1 612.37-\$3 167.84)	\$2 493.79 (\$1 695.31-\$3 252.28)
Samoa	\$0.55 (\$0.27-\$0.92)	\$8.71 (\$4.64-\$12.91)	\$9.26 (\$5.28-\$13.61)	\$153.15 (\$77.12-\$253.17)	\$2 412.79 (\$1 292.03-\$3 461.23)	\$2 565.94 (\$1 472.59-\$3 620.75)
Solomon Islands	\$0.11 (\$0.05-\$0.18)	\$3.69 (\$2.10-\$5.78)	\$3.79 (\$2.21-\$5.87)	\$66.60 (\$32.57-\$110.12)	\$2 333.58 (\$1 341.84-\$3 540.45)	\$2 400.18 (\$1 415.03-\$3 594.10)
Tokelau	\$2.66 (\$1.39-\$4.47)	\$21.65 (\$9.06-\$37.96)	\$24.31 (\$11.56-\$41.07)	\$502.32 (\$269.82-\$835.06)	\$4 095.34 (\$1 763.16-\$6 953.29)	\$4 597.66 (\$2 275.33-\$7 520.92)
Tonga	\$0.81 (\$0.39-\$1.35)	\$22.55 (\$11.82-\$34.17)	\$23.35 (\$12.75-\$35.23)	\$168.78 (\$83.99-\$279.14)	\$4 724.56 (\$2 529.22-\$6 907.59)	\$4 893.34 (\$2 697.02-\$7 053.04)
Tuvalu	\$0.99 (\$0.51-\$1.66)	\$7.41 (\$4.00-\$11.34)	\$8.40 (\$4.88-\$12.59)	\$235.16 (\$127.03-\$389.21)	\$1 765.96 (\$941.11-\$2 635.05)	\$2 001.12 (\$1 189.49-\$2 893.84)
Vanuatu	\$0.24 (\$0.11-\$0.40)	\$8.23 (\$4.96-\$11.88)	\$8.47 (\$5.22-\$12.19)	\$99.22 (\$48.28-\$164.25)	\$3 354.15 (\$2 072.62-\$4 704.63)	\$3 453.37 (\$2 174.60-\$4 805.77)
Southeast Asia	\$1.29 (\$0.63-\$2.12)	\$8.70 (\$3.80-\$14.97)	\$9.99 (\$5.17-\$16.29)	\$281.39 (\$139.69-\$466.37)	\$1 898.52 (\$855.95-\$3 174.45)	\$2 179.91 (\$1 092.41-\$3 500.04)
Cambodia	\$0.14 (\$0.07-\$0.24)	\$9.70 (\$4.88-\$14.51)	\$9.84 (\$5.06-\$14.69)	\$42.08 (\$21.32-\$69.65)	\$2 821.39 (\$1 479.25-\$4 175.38)	\$2 863.47 (\$1 518.24-\$4 209.23)
Indonesia	\$0.48 (\$0.22-\$0.80)	\$4.93 (\$2.09-\$8.42)	\$5.41 (\$2.58-\$8.95)	\$132.08 (\$64.13-\$218.65)	\$1 354.78 (\$578.26-\$2 312.90)	\$1 486.87 (\$704.70-\$2 435.52)
Lao People's Democratic Republic	\$0.17 (\$0.08-\$0.28)	\$5.82 (\$2.76-\$9.45)	\$5.99 (\$2.92-\$9.60)	\$63.33 (\$29.92-\$104.95)	\$2 159.33 (\$1 058.79-\$3 401.63)	\$2 222.66 (\$1 115.26-\$3 479.73)
Malaysia	\$2.28 (\$1.06-\$3.82)	\$13.90 (\$5.08-\$27.01)	\$16.17 (\$7.18-\$29.13)	\$497.00 (\$241.73-\$826.44)	\$3 034.24 (\$1 139.27-\$5 826.63)	\$3 531.24 (\$1 565.33-\$6 294.30)

Maldives	\$1.73 (\$0.82-\$2.86)	\$12.72 (\$5.10-\$22.53)	\$14.45 (\$6.72-\$24.27)	\$554.72 (\$270.06-\$924.12)	\$4 087.56 (\$1 618.26-\$7 193.76)	\$4 642.27 (\$2 201.61-\$7 692.29)
Mauritius	\$3.66 (\$1.83-\$6.10)	\$17.67 (\$6.90-\$32.87)	\$21.33 (\$10.48-\$36.68)	\$454.00 (\$229.19-\$753.04)	\$2 190.43 (\$865.06-\$4 025.16)	\$2 644.44 (\$1 286.18-\$4 437.26)
Myanmar	\$0.15 (\$0.08-\$0.25)	\$6.01 (\$2.74-\$9.96)	\$6.16 (\$2.91-\$10.10)	\$36.16 (\$18.30-\$59.80)	\$1 430.54 (\$671.99-\$2 301.32)	\$1 466.70 (\$703.87-\$2 354.15)
Philippines	\$0.37 (\$0.18-\$0.62)	\$6.98 (\$2.90-\$11.99)	\$7.35 (\$3.33-\$12.40)	\$115.32 (\$56.60-\$190.83)	\$2 164.79 (\$922.76-\$3 721.69)	\$2 280.11 (\$1 030.73-\$3 832.31)
Seychelles	\$4.10 (\$1.95-\$6.82)	\$24.75 (\$9.47-\$48.16)	\$28.85 (\$13.61-\$51.98)	\$697.88 (\$340.75-\$1 160.61)	\$4 217.01 (\$1 564.31-\$8 044.05)	\$4 914.89 (\$2 282.95-\$8 689.72)
Sri Lanka	\$0.83 (\$0.41-\$1.36)	\$4.93 (\$1.93-\$8.87)	\$5.76 (\$2.71-\$9.82)	\$125.16 (\$63.30-\$207.06)	\$747.40 (\$296.28-\$1 335.78)	\$872.56 (\$402.16-\$1 469.18)
Thailand	\$7.72 (\$3.80-\$12.60)	\$25.78 (\$11.75-\$45.02)	\$33.50 (\$17.99-\$54.01)	\$813.73 (\$406.17-\$1 349.35)	\$2 718.67 (\$1 233.74-\$4 721.14)	\$3 532.40 (\$1 934.75-\$5 497.12)
Timor-Leste	\$0.18 (\$0.09-\$0.30)	\$7.00 (\$3.68-\$10.54)	\$7.18 (\$3.84-\$10.74)	\$63.25 (\$31.59-\$104.48)	\$2 447.00 (\$1 288.57-\$3 562.98)	\$2 510.25 (\$1 355.00-\$3 631.67)
Viet Nam	\$0.55 (\$0.27-\$0.90)	\$9.02 (\$3.83-\$15.65)	\$9.57 (\$4.38-\$16.12)	\$104.63 (\$52.93-\$173.08)	\$1 728.42 (\$740.65-\$2 945.32)	\$1 833.05 (\$839.20-\$3 043.32)
Central Sub-Saharan Africa	\$0.09 (\$0.04-\$0.15)	\$3.57 (\$2.49-\$4.65)	\$3.66 (\$2.56-\$4.76)	\$49.19 (\$22.67-\$81.84)	\$1 946.97 (\$1 397.43-\$2 438.06)	\$1 996.16 (\$1 444.23-\$2 503.12)
Angola	\$0.14 (\$0.06-\$0.23)	\$5.18 (\$3.55-\$6.86)	\$5.32 (\$3.70-\$7.03)	\$86.60 (\$39.56-\$144.32)	\$3 304.45 (\$2 303.01-\$4 219.13)	\$3 391.05 (\$2 398.57-\$4 338.69)
Central African Republic	\$0.02 (\$0.01-\$0.04)	\$2.04 (\$1.31-\$2.85)	\$2.06 (\$1.33-\$2.87)	\$13.61 (\$6.72-\$22.45)	\$1 239.12 (\$813.42-\$1 702.99)	\$1 252.74 (\$826.20-\$1 717.89)
Congo	\$0.23 (\$0.11-\$0.38)	\$5.29 (\$2.77-\$8.30)	\$5.52 (\$3.01-\$8.53)	\$100.18 (\$45.80-\$167.00)	\$2 279.15 (\$1 228.23-\$3 480.56)	\$2 379.33 (\$1 348.00-\$3 590.37)
Democratic Republic of the Congo	\$0.03 (\$0.01-\$0.05)	\$2.71 (\$1.98-\$3.46)	\$2.74 (\$2.00-\$3.49)	\$15.19 (\$7.20-\$25.12)	\$1 440.67 (\$1 075.20-\$1 772.75)	\$1 455.86 (\$1 098.23-\$1 792.36)
Equatorial Guinea	\$0.88 (\$0.38-\$1.50)	\$12.01 (\$6.03-\$18.20)	\$12.89 (\$6.78-\$19.40)	\$523.54 (\$235.43-\$873.67)	\$7 119.39 (\$3 718.78-\$10 683.68)	\$7 642.93 (\$4 270.06-\$11 256.63)
Gabon	\$1.53 (\$0.68-\$2.54)	\$11.42 (\$5.93-\$17.56)	\$12.95 (\$7.39-\$19.32)	\$479.86 (\$221.62-\$801.11)	\$3 592.75 (\$1 889.32-\$5 420.48)	\$4 072.61 (\$2 360.38-\$5 993.25)

Eastern Sub-Saharan Africa	\$0.05 (\$0.02-\$0.08)	\$4.19 (\$2.95-\$5.44)	\$4.23 (\$2.99-\$5.50)	\$28.96 (\$13.68-\$48.02)	\$2 578.54 (\$1 860.87-\$3 207.98)	\$2 607.50 (\$1 893.96-\$3 237.95)
Burundi	\$0.01 (\$0.00-\$0.02)	\$2.34 (\$1.76-\$2.96)	\$2.35 (\$1.76-\$2.97)	\$6.79 (\$3.43-\$11.23)	\$1 637.74 (\$1 269.03-\$1 977.35)	\$1 644.53 (\$1 275.46-\$1 985.91)
Comoros	\$0.19 (\$0.09-\$0.31)	\$7.48 (\$4.96-\$10.10)	\$7.67 (\$5.16-\$10.33)	\$56.21 (\$28.21-\$92.91)	\$2 228.25 (\$1 516.47-\$2 933.84)	\$2 284.46 (\$1 548.18-\$2 991.06)
Djibouti	\$0.23 (\$0.10-\$0.38)	\$5.62 (\$3.60-\$7.82)	\$5.85 (\$3.81-\$8.06)	\$129.49 (\$58.60-\$216.23)	\$3 233.42 (\$2 073.94-\$4 344.62)	\$3 362.91 (\$2 234.87-\$4 477.30)
Eritrea	\$0.02 (\$0.01-\$0.04)	\$3.12 (\$2.10-\$4.12)	\$3.15 (\$2.12-\$4.14)	\$15.21 (\$7.03-\$25.27)	\$2 263.08 (\$1 567.65-\$2 951.53)	\$2 278.29 (\$1 582.20-\$2 969.62)
Ethiopia	\$0.04 (\$0.02-\$0.06)	\$3.59 (\$2.68-\$4.66)	\$3.62 (\$2.71-\$4.70)	\$22.24 (\$10.39-\$36.87)	\$2 142.09 (\$1 613.25-\$2 632.86)	\$2 164.32 (\$1 642.49-\$2 657.70)
Kenya	\$0.12 (\$0.06-\$0.21)	\$4.90 (\$3.07-\$6.66)	\$5.02 (\$3.23-\$6.82)	\$71.30 (\$33.56-\$118.39)	\$2 812.46 (\$1 792.16-\$3 745.29)	\$2 883.76 (\$1 886.47-\$3 841.21)
Madagascar	\$0.02 (\$0.01-\$0.03)	\$3.90 (\$2.81-\$4.97)	\$3.92 (\$2.83-\$4.99)	\$12.96 (\$6.11-\$21.45)	\$2 728.37 (\$2 020.01-\$3 345.67)	\$2 741.33 (\$2 031.40-\$3 362.97)
Malawi	\$0.03 (\$0.01-\$0.04)	\$3.15 (\$2.26-\$4.12)	\$3.17 (\$2.29-\$4.14)	\$14.71 (\$7.30-\$24.29)	\$1 849.38 (\$1 366.47-\$2 334.79)	\$1 864.10 (\$1 380.19-\$2 352.44)
Mozambique	\$0.02 (\$0.01-\$0.03)	\$3.17 (\$2.41-\$4.03)	\$3.19 (\$2.43-\$4.05)	\$13.04 (\$6.39-\$21.51)	\$2 089.12 (\$1 614.69-\$2 529.81)	\$2 102.16 (\$1 627.47-\$2 544.33)
Rwanda	\$0.05 (\$0.02-\$0.08)	\$3.96 (\$2.74-\$5.16)	\$4.01 (\$2.80-\$5.22)	\$24.27 (\$11.97-\$40.05)	\$2 021.03 (\$1 451.60-\$2 525.74)	\$2 045.30 (\$1 467.85-\$2 554.01)
Somalia	\$0.00 (\$0.00-\$0.00)	\$1.07 (\$0.76-\$1.40)	\$1.07 (\$0.76-\$1.41)	\$2.70 (\$1.29-\$4.45)	\$969.35 (\$708.95-\$1 242.14)	\$972.04 (\$710.70-\$1 244.32)
South Sudan	\$0.02 (\$0.01-\$0.04)	\$3.17 (\$2.14-\$4.20)	\$3.19 (\$2.16-\$4.23)	\$12.97 (\$6.42-\$21.41)	\$1 891.27 (\$1 352.52-\$2 469.72)	\$1 904.24 (\$1 362.21-\$2 486.28)
Uganda	\$0.04 (\$0.02-\$0.06)	\$3.79 (\$2.71-\$4.89)	\$3.83 (\$2.74-\$4.93)	\$27.03 (\$12.70-\$44.80)	\$2 637.16 (\$1 912.03-\$3 264.01)	\$2 664.18 (\$1 934.09-\$3 288.72)
United Republic of Tanzania	\$0.06 (\$0.03-\$0.10)	\$7.43 (\$5.20-\$9.52)	\$7.49 (\$5.25-\$9.59)	\$32.96 (\$15.55-\$54.61)	\$3 925.87 (\$2 788.78-\$4 926.06)	\$3 958.83 (\$2 821.08-\$4 957.54)

Zambia	\$0.05 (\$0.02-\$0.08)	\$5.21 (\$3.34-\$7.20)	\$5.26 (\$3.38-\$7.26)	\$34.53 (\$16.35-\$57.20)	\$3 653.08 (\$2 359.02-\$4 914.35)	\$3 687.61 (\$2 405.96-\$4 949.72)
Southern Sub-Saharan Africa	\$1.29 (\$0.62-\$2.13)	\$12.81 (\$6.89-\$18.44)	\$14.10 (\$8.21-\$20.10)	\$360.48 (\$179.26-\$599.15)	\$3 589.48 (\$1 981.79-\$5 123.74)	\$3 949.95 (\$2 348.68-\$5 476.55)
Botswana	\$1.03 (\$0.47-\$1.72)	\$8.84 (\$4.60-\$13.53)	\$9.87 (\$5.54-\$14.73)	\$416.56 (\$197.50-\$690.95)	\$3 589.95 (\$1 905.09-\$5 354.69)	\$4 006.52 (\$2 302.70-\$5 861.26)
Eswatini	\$0.39 (\$0.18-\$0.64)	\$8.07 (\$4.60-\$11.60)	\$8.45 (\$4.92-\$12.17)	\$183.41 (\$89.35-\$304.58)	\$3 823.20 (\$2 149.15-\$5 400.33)	\$4 006.62 (\$2 380.97-\$5 606.67)
Lesotho	\$0.11 (\$0.06-\$0.19)	\$6.43 (\$3.88-\$9.10)	\$6.54 (\$4.01-\$9.22)	\$44.74 (\$22.65-\$74.09)	\$2 512.49 (\$1 529.45-\$3 420.76)	\$2 557.23 (\$1 573.60-\$3 479.16)
Namibia	\$0.83 (\$0.39-\$1.39)	\$11.91 (\$6.48-\$17.25)	\$12.73 (\$7.23-\$18.41)	\$278.54 (\$137.11-\$462.26)	\$4 008.85 (\$2 152.03-\$5 681.52)	\$4 287.39 (\$2 465.19-\$5 991.17)
South Africa	\$1.69 (\$0.82-\$2.81)	\$13.90 (\$7.17-\$20.48)	\$15.59 (\$8.89-\$22.67)	\$406.08 (\$201.91-\$676.06)	\$3 341.73 (\$1 742.81-\$4 878.48)	\$3 747.81 (\$2 155.23-\$5 282.60)
Zimbabwe	\$0.14 (\$0.06-\$0.24)	\$10.79 (\$7.05-\$14.64)	\$10.93 (\$7.14-\$14.86)	\$74.43 (\$34.38-\$123.87)	\$5 673.00 (\$3 712.75-\$7 397.63)	\$5 747.43 (\$3 830.79-\$7 459.08)
Western Sub-Saharan Africa	\$0.09 (\$0.04-\$0.14)	\$4.20 (\$2.88-\$5.47)	\$4.29 (\$2.97-\$5.58)	\$58.50 (\$27.10-\$97.66)	\$2 888.27 (\$2 036.48-\$3 609.21)	\$2 946.78 (\$2 091.88-\$3 679.61)
Benin	\$0.06 (\$0.03-\$0.09)	\$4.21 (\$3.08-\$5.41)	\$4.26 (\$3.13-\$5.47)	\$39.74 (\$18.30-\$66.09)	\$2 971.86 (\$2 242.34-\$3 704.60)	\$3 011.60 (\$2 274.07-\$3 747.05)
Burkina Faso	\$0.04 (\$0.02-\$0.06)	\$4.05 (\$2.94-\$5.41)	\$4.09 (\$2.98-\$5.44)	\$24.47 (\$11.93-\$40.43)	\$2 649.65 (\$1 973.08-\$3 421.13)	\$2 674.12 (\$1 997.97-\$3 449.37)
Cabo Verde	\$0.74 (\$0.35-\$1.22)	\$18.17 (\$11.27-\$24.91)	\$18.91 (\$11.88-\$25.70)	\$178.46 (\$87.31-\$296.41)	\$4 373.31 (\$2 721.00-\$5 776.29)	\$4 551.77 (\$2 898.65-\$6 002.29)
Cameroon	\$0.08 (\$0.03-\$0.13)	\$5.33 (\$3.54-\$7.09)	\$5.40 (\$3.63-\$7.17)	\$52.63 (\$24.32-\$87.47)	\$3 706.73 (\$2 516.04-\$4 715.99)	\$3 759.36 (\$2 578.80-\$4 773.73)
Chad	\$0.03 (\$0.01-\$0.04)	\$2.46 (\$1.94-\$3.02)	\$2.49 (\$1.96-\$3.05)	\$20.56 (\$9.71-\$34.04)	\$1 974.70 (\$1 629.18-\$2 309.36)	\$1 995.26 (\$1 650.81-\$2 338.64)
Côte d'Ivoire	\$0.12 (\$0.05-\$0.20)	\$2.46 (\$1.72-\$3.26)	\$2.58 (\$1.82-\$3.39)	\$87.50 (\$40.33-\$145.69)	\$1 827.84 (\$1 316.60-\$2 323.16)	\$1 915.34 (\$1 400.32-\$2 409.14)

Gambia	\$0.04 (\$0.02-\$0.07)	\$3.13 (\$2.17-\$4.05)	\$3.17 (\$2.21-\$4.11)	\$23.30 (\$11.36-\$38.49)	\$1 792.29 (\$1 286.62-\$2 292.03)	\$1 815.58 (\$1 313.83-\$2 320.31)
Ghana	\$0.15 (\$0.07-\$0.24)	\$7.81 (\$4.65-\$10.89)	\$7.96 (\$4.82-\$11.13)	\$77.38 (\$36.30-\$128.56)	\$4 159.12 (\$2 491.08-\$5 571.06)	\$4 236.50 (\$2 587.78-\$5 671.43)
Guinea	\$0.07 (\$0.03-\$0.12)	\$5.00 (\$3.57-\$6.64)	\$5.08 (\$3.63-\$6.70)	\$41.04 (\$19.40-\$68.01)	\$2 793.15 (\$2 067.39-\$3 613.60)	\$2 834.19 (\$2 102.21-\$3 647.51)
Guinea-Bissau	\$0.03 (\$0.01-\$0.05)	\$2.82 (\$2.08-\$3.59)	\$2.85 (\$2.10-\$3.62)	\$23.17 (\$11.42-\$38.22)	\$2 248.05 (\$1 719.12-\$2 732.38)	\$2 271.22 (\$1 743.00-\$2 759.86)
Liberia	\$0.03 (\$0.01-\$0.05)	\$3.34 (\$2.46-\$4.24)	\$3.37 (\$2.49-\$4.27)	\$18.55 (\$9.23-\$30.64)	\$2 151.41 (\$1 630.41-\$2 636.85)	\$2 169.96 (\$1 645.73-\$2 670.35)
Mali	\$0.04 (\$0.02-\$0.07)	\$1.44 (\$1.13-\$1.78)	\$1.48 (\$1.16-\$1.83)	\$29.64 (\$13.81-\$49.18)	\$963.24 (\$791.58-\$1 132.15)	\$992.88 (\$817.15-\$1 165.96)
Mauritania	\$0.15 (\$0.07-\$0.26)	\$3.94 (\$2.72-\$5.15)	\$4.09 (\$2.83-\$5.36)	\$71.50 (\$33.72-\$118.69)	\$1 816.63 (\$1 266.38-\$2 271.12)	\$1 888.13 (\$1 347.82-\$2 356.16)
Niger	\$0.02 (\$0.01-\$0.03)	\$3.12 (\$2.43-\$3.96)	\$3.14 (\$2.44-\$3.97)	\$15.68 (\$7.61-\$25.91)	\$2 695.55 (\$2 159.41-\$3 271.29)	\$2 711.23 (\$2 173.88-\$3 296.99)
Nigeria	\$0.10 (\$0.04-\$0.16)	\$4.14 (\$2.70-\$5.47)	\$4.24 (\$2.81-\$5.59)	\$72.89 (\$33.60-\$121.32)	\$3 060.29 (\$2 041.46-\$3 899.19)	\$3 133.18 (\$2 117.05-\$3 976.98)
Sao Tome and Principe	\$0.18 (\$0.09-\$0.30)	\$8.26 (\$5.07-\$11.68)	\$8.44 (\$5.27-\$11.89)	\$90.84 (\$44.61-\$150.41)	\$4 098.73 (\$2 578.12-\$5 612.89)	\$4 189.57 (\$2 676.68-\$5 719.90)
Senegal	\$0.11 (\$0.05-\$0.18)	\$5.95 (\$4.37-\$7.56)	\$6.05 (\$4.47-\$7.68)	\$53.38 (\$25.62-\$88.31)	\$2 970.05 (\$2 227.06-\$3 635.05)	\$3 023.43 (\$2 293.92-\$3 696.55)
Sierra Leone	\$0.02 (\$0.01-\$0.04)	\$2.73 (\$1.97-\$3.55)	\$2.75 (\$1.99-\$3.58)	\$14.27 (\$7.14-\$23.58)	\$1 634.20 (\$1 212.61-\$2 066.09)	\$1 648.48 (\$1 222.30-\$2 083.86)
Togo	\$0.04 (\$0.02-\$0.07)	\$5.18 (\$3.64-\$6.72)	\$5.22 (\$3.67-\$6.78)	\$25.82 (\$12.71-\$42.60)	\$3 303.88 (\$2 367.23-\$4 152.53)	\$3 329.70 (\$2 393.72-\$4 185.40)

Supplementary Table 23. Direct, indirect, and total cost per country in 2019 USD and 2000 to 2019 growth rates

	Direct cost attributable to dementia, 2019 (Thousands USD)	Indirect cost	Total cost	Annualized rate of change from 2000 to 2019 of direct cost	Annualized rate of change of indirect cost	Annualized rate of change of total cost
Central Asia	\$86 908 (\$43 327-\$143 978)	\$1 132 132 (\$596 144-\$1 664 922)	\$1 219 040 (\$691 487-\$1 772 756)	7.9% (4.9%-11.1%)	5.7% (2.3%-8.6%)	5.9% (2.8%-8.6%)
Armenia	\$7 174 (\$3 841-\$12 100)	\$75 956 (\$39 756-\$114 407)	\$83 130 (\$46 873-\$122 677)	11.7% (8.5%-15.2%)	8.0% (4.1%-11.2%)	8.3% (4.7%-11.3%)
Azerbaijan	\$8 585 (\$4 184-\$14 271)	\$167 530 (\$85 706-\$256 674)	\$176 115 (\$93 004-\$265 480)	10.2% (7.2%-13.4%)	6.2% (2.5%-9.3%)	6.3% (2.9%-9.3%)
Georgia	\$11 755 (\$6 155-\$19 554)	\$74 227 (\$36 681-\$114 764)	\$85 982 (\$48 288-\$128 639)	7.9% (4.7%-11.2%)	5.5% (1.5%-8.9%)	5.8% (2.3%-8.8%)
Kazakhstan	\$43 354 (\$20 716-\$72 447)	\$415 538 (\$204 091-\$627 635)	\$458 893 (\$252 710-\$677 485)	7.1% (4.2%-10.2%)	5.5% (1.8%-8.8%)	5.7% (2.4%-8.7%)
Kyrgyzstan	\$969 (\$492-\$1 605)	\$68 470 (\$40 277-\$96 950)	\$69 439 (\$41 419-\$98 049)	3.2% (0.3%-6.3%)	2.9% (-0.2%-5.6%)	2.9% (-0.1%-5.6%)
Mongolia	\$1 689 (\$815-\$2 802)	\$37 131 (\$20 485-\$53 742)	\$38 820 (\$21 778-\$55 897)	9.6% (6.5%-12.7%)	7.2% (3.9%-10.0%)	7.2% (4.1%-9.9%)
Tajikistan	\$363 (\$184-\$592)	\$15 195 (\$9 762-\$21 063)	\$15 558 (\$10 081-\$21 680)	6.4% (3.5%-9.5%)	3.0% (0.4%-5.2%)	3.0% (0.5%-5.3%)
Turkmenistan	\$9 270 (\$4 639-\$15 375)	\$95 024 (\$46 881-\$154 140)	\$104 293 (\$55 874-\$163 408)	10.3% (7.2%-13.5%)	7.9% (4.3%-11.3%)	8.1% (4.8%-11.2%)
Uzbekistan	\$3 749 (\$1 841-\$6 231)	\$183 060 (\$92 881-\$285 007)	\$186 809 (\$96 706-\$289 499)	6.0% (3.1%-9.1%)	5.6% (2.2%-8.7%)	5.6% (2.3%-8.7%)
Central Europe	\$1 995 428 (\$1 029 355-\$3 346 127)	\$8 274 379 (\$4 453 255-\$12 164 775)	\$10 269 807 (\$6 322 462-\$14 487 697)	6.9% (3.8%-10.1%)	5.1% (1.9%-8.1%)	5.4% (2.7%-7.9%)
Albania	\$9 504 (\$4 941-\$16 065)	\$120 654 (\$69 935-\$168 699)	\$130 158 (\$80 804-\$180 292)	9.2% (6.0%-12.5%)	6.5% (3.5%-9.0%)	6.6% (3.9%-9.0%)

Bosnia and Herzegovina	\$15 507 (\$8 116-\$26 047)	\$108 055 (\$62 603-\$153 661)	\$123 562 (\$76 564-\$172 916)	6.9% (3.8%-10.2%)	4.4% (1.5%-6.7%)	4.6% (2.2%-6.7%)
Bulgaria	\$87 878 (\$46 075-\$146 953)	\$522 219 (\$285 204-\$752 080)	\$610 097 (\$368 101-\$862 447)	6.8% (3.7%-10.2%)	6.2% (2.9%-9.2%)	6.3% (3.5%-8.8%)
Croatia	\$85 206 (\$44 218-\$144 565)	\$438 672 (\$228 576-\$662 063)	\$523 878 (\$310 633-\$761 367)	5.0% (2.0%-8.2%)	3.9% (0.5%-6.8%)	4.0% (1.2%-6.5%)
Czechia	\$555 288 (\$288 242-\$917 867)	\$1 304 113 (\$641 846-\$1 991 795)	\$1 859 402 (\$1 156 272-\$2 654 079)	5.9% (2.9%-9.0%)	4.7% (1.1%-8.0%)	5.0% (2.3%-7.4%)
Hungary	\$44 655 (\$23 279-\$75 812)	\$692 824 (\$358 531-\$1 030 501)	\$737 479 (\$407 556-\$1 087 168)	5.0% (2.0%-8.3%)	4.8% (1.4%-8.0%)	4.8% (1.6%-7.6%)
Montenegro	\$4 076 (\$2 121-\$6 889)	\$31 085 (\$15 078-\$48 289)	\$35 161 (\$18 784-\$53 563)	5.7% (2.6%-9.0%)	4.1% (0.7%-7.5%)	4.3% (1.3%-7.2%)
North Macedonia	\$7 064 (\$3 668-\$11 883)	\$60 661 (\$32 878-\$87 751)	\$67 725 (\$40 269-\$98 049)	5.3% (2.2%-8.6%)	5.7% (2.3%-8.6%)	5.6% (2.5%-8.2%)
Poland	\$690 771 (\$352 973-\$1 154 228)	\$2 865 136 (\$1 646 895-\$4 098 409)	\$3 555 907 (\$2 292 678-\$4 935 456)	7.6% (4.5%-10.8%)	5.6% (2.6%-8.4%)	5.9% (3.4%-8.4%)
Romania	\$288 069 (\$149 140-\$490 107)	\$1 195 084 (\$650 676-\$1 734 229)	\$1 483 154 (\$925 173-\$2 109 647)	8.7% (5.6%-12.1%)	5.5% (2.2%-8.3%)	6.0% (3.2%-8.4%)
Serbia	\$56 089 (\$28 949-\$94 878)	\$278 064 (\$146 791-\$411 963)	\$334 154 (\$199 709-\$485 036)	7.1% (3.9%-10.4%)	4.7% (1.2%-7.8%)	5.1% (2.1%-7.7%)
Slovakia	\$108 106 (\$54 496-\$182 165)	\$401 527 (\$200 776-\$605 922)	\$509 633 (\$302 972-\$736 116)	6.8% (3.7%-10.0%)	4.2% (0.7%-7.5%)	4.7% (1.8%-7.4%)
Slovenia	\$43 215 (\$22 047-\$73 093)	\$256 283 (\$124 717-\$399 095)	\$299 498 (\$173 223-\$450 836)	5.8% (2.7%-9.0%)	4.8% (0.9%-8.3%)	5.0% (1.6%-7.9%)
Eastern Europe	\$1 632 122 (\$836 558-\$2 727 800)	\$8 527 080 (\$3 865 684-\$13 841 434)	\$10 159 202 (\$5 600 708-\$15 681 450)	6.0% (2.9%-9.2%)	4.8% (0.7%-8.3%)	5.0% (1.7%-7.9%)
Belarus	\$46 931 (\$24 168-\$77 997)	\$396 944 (\$178 466-\$656 485)	\$443 875 (\$220 888-\$711 420)	6.9% (3.8%-10.1%)	4.2% (-0.1%-7.9%)	4.4% (0.6%-7.9%)

Estonia	\$50 060 (\$25 288-\$84 539)	\$146 674 (\$65 049-\$245 011)	\$196 734 (\$111 239-\$300 259)	7.3% (4.1%-10.6%)	4.9% (0.7%-8.8%)	5.5% (2.2%-8.3%)
Latvia	\$53 073 (\$27 150-\$90 028)	\$183 836 (\$83 782-\$307 570)	\$236 908 (\$130 315-\$368 129)	7.3% (4.2%-10.6%)	4.4% (0.1%-8.1%)	4.9% (1.6%-7.9%)
Lithuania	\$88 305 (\$44 790-\$148 706)	\$231 971 (\$99 637-\$392 506)	\$320 276 (\$180 894-\$493 437)	8.6% (5.4%-11.9%)	4.5% (0.2%-8.2%)	5.4% (2.2%-8.3%)
Republic of Moldova	\$8 263 (\$4 319-\$13 807)	\$94 011 (\$45 507-\$145 522)	\$102 274 (\$53 332-\$154 732)	8.2% (5.1%-11.4%)	5.6% (1.3%-9.4%)	5.8% (1.9%-9.3%)
Russian Federation	\$1 253 991 (\$640 831-\$2 092 440)	\$6 245 239 (\$2 850 745-\$10 085 850)	\$7 499 230 (\$4 180 011-\$11 617 884)	5.9% (2.9%-9.1%)	5.2% (1.1%-8.7%)	5.3% (1.9%-8.1%)
Ukraine	\$131 499 (\$68 909-\$221 491)	\$1 228 405 (\$591 377-\$1 933 838)	\$1 359 905 (\$719 959-\$2 098 363)	4.3% (1.2%-7.5%)	3.8% (-0.3%-7.2%)	3.8% (0.2%-7.0%)
Australasia	\$4 473 288 (\$2 206 430-\$7 583 695)	\$7 673 352 (\$3 209 829-\$12 815 888)	\$12 146 640 (\$7 078 595-\$18 217 984)	5.7% (2.7%-8.9%)	3.7% (-0.7%-7.6%)	4.4% (1.4%-7.1%)
Australia	\$3 900 603 (\$1 925 422-\$6 618 384)	\$6 883 719 (\$2 887 574-\$11 487 140)	\$10 784 322 (\$6 294 518-\$16 159 196)	5.8% (2.7%-9.0%)	3.7% (-0.7%-7.6%)	4.4% (1.4%-7.1%)
New Zealand	\$572 685 (\$272 345-\$965 970)	\$789 633 (\$332 576-\$1 357 713)	\$1 362 318 (\$792 597-\$2 064 869)	5.4% (2.3%-8.5%)	3.7% (-0.8%-7.8%)	4.3% (1.5%-7.0%)
High-income Asia Pacific	\$44 782 293 (\$22 392 507-\$75 147 571)	\$35 593 393 (\$16 477 013-\$61 527 398)	\$80 375 686 (\$48 646 820-\$119 195 181)	6.4% (3.4%-9.5%)	7.1% (2.0%-11.7%)	6.7% (4.0%-9.3%)
Brunei Darussalam	\$4 259 (\$1 843-\$7 242)	\$6 517 (\$2 573-\$11 526)	\$10 776 (\$6 009-\$16 650)	3.2% (0.4%-6.0%)	4.9% (-0.2%-9.4%)	4.1% (1.3%-6.8%)
Japan	\$42 936 778 (\$21 408 497-\$72 020 189)	\$27 731 722 (\$12 640 044-\$49 039 909)	\$70 668 500 (\$42 384 010-\$106 355 407)	6.3% (3.2%-9.4%)	7.0% (1.8%-11.9%)	6.5% (3.8%-9.2%)
Republic of Korea	\$1 749 840 (\$890 852-\$2 928 270)	\$7 414 594 (\$3 639 144-\$11 788 346)	\$9 164 434 (\$5 102 815-\$13 844 101)	11.3% (8.2%-14.6%)	7.3% (3.0%-11.1%)	7.9% (4.3%-11.3%)
Singapore	\$91 416 (\$43 079-\$152 954)	\$440 561 (\$193 630-\$777 557)	\$531 977 (\$273 525-\$871 601)	11.2% (8.0%-14.5%)	8.3% (3.4%-13.2%)	8.8% (4.7%-12.9%)

High-income North America	\$112 559 475 (\$57 308 007-\$171 190 247)	\$115 562 799 (\$65 881 289-\$176 775 544)	\$228 122 274 (\$152 125 721-\$304 431 563)	3.3% (1.5%-5.3%)	1.8% (-1.4%-4.6%)	2.5% (0.8%-4.0%)
Canada	\$1 890 964 (\$862 025-\$3 200 287)	\$8 338 095 (\$3 588 935-\$13 975 198)	\$10 229 058 (\$5 469 784-\$15 930 142)	4.6% (1.7%-7.7%)	3.0% (-1.3%-7.1%)	3.3% (-0.2%-6.6%)
Greenland	\$4 122 (\$1 779-\$7 036)	\$5 570 (\$2 499-\$9 083)	\$9 692 (\$5 786-\$14 223)	7.0% (4.0%-10.1%)	3.7% (-0.3%-7.3%)	4.9% (2.1%-7.4%)
United States of America	\$110 664 389 (\$56 438 582-\$168 176 640)	\$107 219 135 (\$62 244 450-\$163 656 623)	\$217 883 524 (\$146 664 201-\$289 557 317)	3.3% (1.5%-5.3%)	1.7% (-1.4%-4.4%)	2.5% (0.8%-3.9%)
Southern Latin America	\$638 314 (\$310 738-\$1 071 441)	\$2 053 554 (\$1 033 192-\$3 207 419)	\$2 691 869 (\$1 616 038-\$3 939 509)	4.1% (1.2%-7.0%)	3.0% (-0.6%-6.2%)	3.2% (0.4%-5.8%)
Argentina	\$436 416 (\$213 187-\$735 837)	\$1 122 526 (\$578 994-\$1 716 906)	\$1 558 943 (\$940 270-\$2 238 962)	3.2% (0.4%-6.1%)	2.1% (-1.7%-5.6%)	2.4% (-0.3%-4.9%)
Chile	\$130 451 (\$62 492-\$221 216)	\$704 668 (\$318 842-\$1 115 494)	\$835 119 (\$454 657-\$1 264 211)	8.1% (5.1%-11.3%)	4.9% (1.0%-8.2%)	5.3% (2.0%-8.2%)
Uruguay	\$71 447 (\$34 406-\$119 898)	\$226 360 (\$113 026-\$350 708)	\$297 807 (\$178 325-\$429 247)	4.9% (1.9%-8.0%)	3.1% (-0.5%-6.1%)	3.5% (0.8%-5.9%)
Western Europe	\$73 450 623 (\$34 874 184-\$122 391 132)	\$76 832 215 (\$37 199 121-\$125 207 844)	\$150 282 837 (\$93 874 954-\$216 897 252)	3.2% (0.3%-6.1%)	2.4% (-1.6%-6.0%)	2.8% (0.5%-4.9%)
Andorra	\$5 680 (\$2 596-\$9 666)	\$11 243 (\$4 857-\$18 734)	\$16 923 (\$9 670-\$25 520)	3.9% (1.1%-6.9%)	3.1% (-1.2%-7.1%)	3.4% (0.6%-6.0%)
Austria	\$1 220 702 (\$559 783-\$2 089 293)	\$1 891 554 (\$789 940-\$3 147 480)	\$3 112 257 (\$1 865 768-\$4 559 305)	3.3% (0.4%-6.4%)	2.4% (-1.8%-6.4%)	2.8% (0.1%-5.2%)
Belgium	\$2 673 264 (\$1 227 448-\$4 578 064)	\$2 019 962 (\$829 614-\$3 627 930)	\$4 693 226 (\$2 769 176-\$7 215 763)	3.2% (0.4%-6.3%)	3.2% (-1.6%-7.6%)	3.2% (0.6%-5.6%)
Cyprus	\$35 580 (\$16 063-\$60 956)	\$97 649 (\$42 238-\$162 166)	\$133 229 (\$75 023-\$204 259)	5.8% (2.9%-8.9%)	3.7% (-0.5%-7.5%)	4.2% (1.0%-7.0%)
Denmark	\$798 437 (\$350 732-\$1 377 191)	\$1 177 585 (\$462 322-\$2 117 726)	\$1 976 022 (\$1 121 602-\$2 991 421)	2.9% (-0.1%-6.0%)	1.3% (-3.5%-5.6%)	1.9% (-1.0%-4.6%)

Finland	\$812 158 (\$387 819-\$1 398 139)	\$1 078 189 (\$441 341-\$1 879 660)	\$1 890 348 (\$1 116 216-\$2 846 259)	4.0% (1.0%-7.1%)	2.8% (-1.7%-6.9%)	3.3% (0.5%-5.9%)
France	\$9 064 723 (\$4 705 926-\$15 147 746)	\$9 900 348 (\$4 338 742-\$17 227 594)	\$18 965 072 (\$11 270 606-\$28 328 743)	4.0% (1.0%-7.1%)	3.1% (-1.8%-7.8%)	3.5% (0.6%-6.4%)
Germany	\$16 459 647 (\$7 210 682-\$27 975 147)	\$14 834 305 (\$6 261 521-\$26 405 638)	\$31 293 952 (\$18 059 946-\$46 941 059)	4.3% (1.3%-7.5%)	2.9% (-2.3%-8.1%)	3.6% (0.6%-6.4%)
Greece	\$451 632 (\$219 317-\$772 894)	\$984 448 (\$491 545-\$1 534 605)	\$1 436 080 (\$875 281-\$2 080 739)	3.0% (0.1%-6.2%)	1.7% (-2.1%-5.0%)	2.1% (-0.6%-4.5%)
Iceland	\$48 815 (\$21 738-\$83 969)	\$87 634 (\$35 256-\$153 140)	\$136 449 (\$76 749-\$206 923)	5.2% (2.2%-8.3%)	3.2% (-1.5%-7.3%)	3.8% (0.7%-6.7%)
Ireland	\$243 596 (\$105 297-\$417 392)	\$923 668 (\$467 580-\$1 407 788)	\$1 167 265 (\$703 497-\$1 663 103)	7.5% (4.5%-10.6%)	3.5% (0.0%-6.4%)	4.2% (1.4%-6.5%)
Israel	\$508 190 (\$231 873-\$849 135)	\$979 073 (\$415 893-\$1 709 566)	\$1 487 263 (\$880 739-\$2 203 552)	5.1% (2.5%-7.8%)	5.1% (0.6%-9.1%)	5.1% (2.2%-7.8%)
Italy	\$18 298 979 (\$8 670 305-\$31 310 050)	\$14 249 506 (\$7 273 977-\$22 053 422)	\$32 548 484 (\$20 395 286-\$47 642 294)	2.2% (-0.8%-5.2%)	2.0% (-1.4%-4.4%)	2.1% (-0.2%-4.1%)
Luxembourg	\$151 442 (\$66 788-\$258 301)	\$105 579 (\$43 023-\$185 336)	\$257 021 (\$148 186-\$380 034)	3.9% (1.0%-6.9%)	3.5% (-1.1%-7.7%)	3.8% (1.4%-5.9%)
Malta	\$32 018 (\$14 842-\$54 644)	\$58 417 (\$26 718-\$94 278)	\$90 436 (\$53 488-\$133 727)	8.0% (5.0%-11.2%)	5.4% (1.4%-8.9%)	6.2% (3.4%-8.7%)
Monaco	\$30 128 (\$12 784-\$51 687)	\$8 738 (\$3 494-\$16 085)	\$38 865 (\$20 733-\$60 368)	3.5% (0.6%-6.4%)	0.8% (-4.1%-5.6%)	2.7% (0.4%-5.1%)
Netherlands	\$4 681 042 (\$2 692 454-\$7 290 527)	\$3 085 922 (\$1 404 388-\$5 315 331)	\$7 766 963 (\$4 928 904-\$11 052 120)	4.1% (1.3%-6.9%)	2.6% (-2.3%-7.3%)	3.4% (1.1%-5.8%)
Norway	\$703 276 (\$330 192-\$1 199 482)	\$1 193 270 (\$465 376-\$2 155 278)	\$1 896 547 (\$1 065 384-\$2 890 062)	2.2% (-0.7%-5.3%)	1.2% (-3.6%-5.6%)	1.6% (-1.4%-4.4%)
Portugal	\$723 998 (\$367 308-\$1 209 423)	\$1 028 247 (\$497 655-\$1 602 667)	\$1 752 245 (\$1 097 331-\$2 525 281)	3.6% (0.7%-6.8%)	2.2% (-1.4%-5.5%)	2.8% (0.4%-5.0%)

San Marino	\$3 691 (\$1 675-\$6 238)	\$4 256 (\$1 758-\$7 235)	\$7 947 (\$4 714-\$11 966)	0.8% (-2.0%-3.7%)	1.5% (-3.1%-5.8%)	1.1% (-1.6%-3.6%)
Spain	\$3 557 234 (\$1 693 171-\$5 913 191)	\$5 786 553 (\$3 119 804-\$8 661 821)	\$9 343 787 (\$5 942 048-\$13 118 767)	3.7% (0.8%-6.7%)	3.0% (-0.7%-6.2%)	3.3% (0.9%-5.4%)
Sweden	\$2 293 080 (\$1 089 186-\$3 523 156)	\$1 382 245 (\$594 625-\$2 463 203)	\$3 675 325 (\$2 225 221-\$5 280 179)	3.5% (1.4%-5.5%)	1.9% (-2.7%-6.0%)	2.8% (0.9%-4.7%)
Switzerland	\$1 711 507 (\$798 502-\$2 898 584)	\$2 930 284 (\$1 191 527-\$5 237 273)	\$4 641 791 (\$2 700 102-\$7 006 662)	3.2% (0.3%-6.0%)	2.6% (-2.1%-7.1%)	2.8% (0.0%-5.6%)
United Kingdom	\$8 941 804 (\$4 221 427-\$14 496 717)	\$13 013 538 (\$6 588 601-\$20 313 650)	\$21 955 342 (\$13 995 342-\$30 953 541)	2.0% (-0.4%-4.4%)	1.6% (-2.1%-4.7%)	1.8% (-0.4%-3.8%)
Andean Latin America	\$106 165 (\$52 435-\$175 258)	\$1 283 276 (\$679 738-\$1 898 636)	\$1 389 441 (\$790 861-\$2 012 278)	8.8% (5.8%-12.0%)	5.6% (2.2%-8.2%)	5.8% (2.7%-8.3%)
Bolivia (Plurinational State of)	\$6 803 (\$3 395-\$11 211)	\$253 929 (\$143 791-\$357 043)	\$260 732 (\$150 196-\$365 042)	8.1% (5.0%-11.2%)	6.3% (3.4%-8.6%)	6.4% (3.5%-8.6%)
Ecuador	\$29 139 (\$14 675-\$48 458)	\$321 774 (\$170 003-\$476 047)	\$350 913 (\$200 284-\$513 328)	7.0% (4.0%-10.1%)	4.3% (0.9%-7.0%)	4.5% (1.4%-7.0%)
Peru	\$70 223 (\$34 588-\$116 091)	\$707 573 (\$364 439-\$1 062 330)	\$777 796 (\$441 214-\$1 134 879)	9.8% (6.8%-13.0%)	6.1% (2.6%-8.9%)	6.3% (3.1%-8.9%)
Caribbean	\$407 725 (\$193 342-\$687 700)	\$1 084 718 (\$548 177-\$1 672 603)	\$1 492 444 (\$908 001-\$2 162 888)	6.1% (3.2%-9.3%)	3.4% (-0.1%-6.3%)	4.0% (1.3%-6.4%)
Antigua and Barbuda	\$773 (\$356-\$1 289)	\$2 693 (\$1 211-\$4 457)	\$3 466 (\$1 883-\$5 357)	3.8% (0.9%-6.8%)	2.3% (-1.6%-6.0%)	2.6% (-0.4%-5.6%)
Bahamas	\$5 999 (\$2 746-\$10 078)	\$14 728 (\$6 487-\$24 860)	\$20 727 (\$11 748-\$31 611)	3.8% (1.0%-6.7%)	2.4% (-2.0%-6.3%)	2.8% (-0.1%-5.7%)
Barbados	\$5 353 (\$2 564-\$8 996)	\$19 652 (\$8 839-\$31 625)	\$25 005 (\$13 871-\$38 070)	2.6% (-0.3%-5.6%)	1.4% (-2.7%-5.1%)	1.7% (-1.6%-4.6%)
Belize	\$364 (\$172-\$606)	\$6 366 (\$3 499-\$9 209)	\$6 730 (\$3 870-\$9 682)	5.3% (2.5%-8.3%)	4.5% (0.9%-7.5%)	4.5% (1.2%-7.3%)

Bermuda	\$20 687 (\$9 072-\$35 517)	\$12 247 (\$5 108-\$21 437)	\$32 934 (\$18 980-\$49 588)	5.9% (2.9%-9.1%)	2.4% (-2.1%-6.4%)	4.3% (1.7%-6.8%)
Cuba	\$119 888 (\$61 342-\$199 870)	\$522 095 (\$250 518-\$818 969)	\$641 983 (\$359 714-\$963 915)	8.6% (5.5%-11.9%)	4.0% (0.5%-7.3%)	4.7% (1.7%-7.5%)
Dominica	\$312 (\$151-\$518)	\$1 858 (\$810-\$3 050)	\$2 171 (\$1 108-\$3 467)	2.2% (-0.7%-5.2%)	0.5% (-3.4%-4.0%)	0.7% (-2.5%-3.7%)
Dominican Republic	\$27 252 (\$12 773-\$45 227)	\$153 075 (\$84 300-\$218 920)	\$180 327 (\$110 645-\$251 507)	8.4% (5.4%-11.5%)	5.0% (1.9%-7.3%)	5.4% (2.7%-7.5%)
Grenada	\$431 (\$203-\$711)	\$2 466 (\$1 216-\$3 853)	\$2 896 (\$1 581-\$4 358)	4.3% (1.4%-7.4%)	2.6% (-0.8%-5.7%)	2.9% (0.0%-5.5%)
Guyana	\$937 (\$431-\$1 554)	\$8 275 (\$4 161-\$12 956)	\$9 212 (\$4 987-\$14 044)	7.9% (5.0%-10.9%)	4.0% (0.7%-6.9%)	4.3% (1.3%-7.0%)
Haiti	\$2 025 (\$918-\$3 387)	\$38 470 (\$24 345-\$55 676)	\$40 495 (\$25 959-\$58 180)	3.6% (0.9%-6.5%)	3.4% (0.8%-5.7%)	3.4% (0.9%-5.6%)
Jamaica	\$6 693 (\$3 323-\$11 168)	\$55 161 (\$26 608-\$89 552)	\$61 854 (\$33 383-\$96 034)	2.8% (-0.1%-5.7%)	1.2% (-2.4%-4.5%)	1.4% (-1.9%-4.3%)
Puerto Rico	\$194 478 (\$88 142-\$329 781)	\$178 070 (\$75 139-\$308 614)	\$372 548 (\$217 315-\$564 864)	5.1% (2.3%-8.2%)	1.7% (-3.3%-6.2%)	3.2% (0.1%-6.1%)
Saint Kitts and Nevis	\$502 (\$230-\$844)	\$1 845 (\$829-\$3 101)	\$2 347 (\$1 296-\$3 666)	3.8% (1.0%-6.8%)	1.2% (-2.8%-4.7%)	1.7% (-1.4%-4.7%)
Saint Lucia	\$998 (\$473-\$1 662)	\$5 505 (\$2 691-\$8 529)	\$6 503 (\$3 568-\$9 828)	5.4% (2.6%-8.4%)	4.5% (1.1%-7.7%)	4.7% (1.8%-7.4%)
Saint Vincent and the Grenadines	\$380 (\$180-\$627)	\$2 765 (\$1 392-\$4 228)	\$3 145 (\$1 738-\$4 722)	5.5% (2.6%-8.6%)	3.6% (0.3%-6.6%)	3.8% (1.0%-6.5%)
Suriname	\$1 184 (\$589-\$1 958)	\$9 101 (\$4 893-\$13 417)	\$10 285 (\$6 019-\$14 856)	7.2% (4.2%-10.3%)	4.7% (1.2%-7.6%)	4.9% (1.8%-7.6%)
Trinidad and Tobago	\$15 028 (\$7 261-\$25 077)	\$43 624 (\$20 554-\$68 567)	\$58 652 (\$34 320-\$86 817)	7.3% (4.3%-10.5%)	3.7% (-0.3%-7.1%)	4.4% (1.3%-7.3%)

United States Virgin Islands	\$4 442 (\$1 996-\$7 402)	\$6 720 (\$2 730-\$11 641)	\$11 163 (\$6 354-\$17 042)	6.1% (3.2%-9.2%)	2.3% (-2.1%-6.5%)	3.6% (0.7%-6.4%)
Central Latin America	\$1 534 178 (\$783 959-\$2 541 582)	\$3 430 044 (\$1 851 035-\$4 984 061)	\$4 964 222 (\$3 155 410-\$6 929 935)	5.8% (2.8%-9.0%)	3.9% (0.7%-6.4%)	4.4% (2.0%-6.5%)
Colombia	\$103 546 (\$54 568-\$171 565)	\$850 634 (\$448 977-\$1 256 178)	\$954 180 (\$562 712-\$1 391 040)	9.4% (6.2%-12.8%)	5.7% (2.3%-8.4%)	6.0% (3.0%-8.5%)
Costa Rica	\$23 285 (\$12 118-\$38 685)	\$165 713 (\$86 505-\$248 655)	\$188 998 (\$107 226-\$276 449)	8.7% (5.6%-12.1%)	5.4% (2.0%-8.2%)	5.7% (2.7%-8.3%)
El Salvador	\$7 393 (\$3 883-\$12 357)	\$113 645 (\$68 858-\$156 810)	\$121 038 (\$77 128-\$165 532)	5.2% (2.1%-8.4%)	3.0% (0.1%-5.4%)	3.1% (0.4%-5.4%)
Guatemala	\$10 655 (\$5 403-\$17 721)	\$161 948 (\$104 276-\$215 044)	\$172 603 (\$114 097-\$229 833)	7.7% (4.6%-10.9%)	4.5% (2.1%-6.3%)	4.7% (2.4%-6.4%)
Honduras	\$2 824 (\$1 446-\$4 734)	\$96 643 (\$61 947-\$129 652)	\$99 467 (\$64 378-\$132 967)	6.8% (3.7%-9.9%)	4.6% (2.1%-6.5%)	4.7% (2.2%-6.5%)
Mexico	\$1 328 326 (\$675 277-\$2 205 184)	\$1 448 989 (\$765 357-\$2 122 505)	\$2 777 314 (\$1 783 524-\$3 986 993)	5.8% (2.8%-9.0%)	3.5% (0.2%-6.1%)	4.5% (2.2%-6.5%)
Nicaragua	\$1 483 (\$777-\$2 484)	\$67 815 (\$42 618-\$94 256)	\$69 298 (\$44 090-\$95 670)	6.7% (3.6%-9.9%)	4.9% (2.1%-7.5%)	5.0% (2.2%-7.5%)
Panama	\$25 818 (\$13 237-\$43 198)	\$153 805 (\$77 029-\$232 872)	\$179 623 (\$104 538-\$262 476)	10.3% (6.9%-13.6%)	6.4% (2.5%-9.5%)	6.9% (3.6%-9.7%)
Venezuela (Bolivarian Republic of)	\$30 847 (\$16 031-\$51 138)	\$370 854 (\$204 265-\$530 292)	\$401 701 (\$237 755-\$571 147)	-0.9% (-3.7%-2.1%)	1.1% (-2.0%-3.9%)	0.9% (-1.9%-3.4%)
Tropical Latin America	\$421 880 (\$222 645-\$710 191)	\$7 780 845 (\$4 142 660-\$11 512 082)	\$8 202 725 (\$4 654 003-\$12 026 367)	6.5% (3.4%-9.9%)	4.3% (0.9%-7.0%)	4.4% (1.2%-7.0%)
Brazil	\$409 990 (\$216 485-\$689 753)	\$7 638 093 (\$4 070 603-\$11 301 244)	\$8 048 083 (\$4 560 756-\$11 808 581)	6.5% (3.4%-9.9%)	4.3% (0.9%-7.0%)	4.4% (1.2%-7.0%)
Paraguay	\$11 891 (\$6 139-\$19 887)	\$142 751 (\$76 442-\$207 037)	\$154 642 (\$90 515-\$220 299)	7.2% (4.1%-10.4%)	3.7% (0.6%-6.3%)	3.9% (1.0%-6.3%)

North Africa and Middle East	\$1 100 998 (\$502 443-\$1 832 227)	\$4 005 304 (\$1 818 067-\$6 594 183)	\$5 106 302 (\$2 836 197-\$7 894 498)	6.7% (3.9%-9.7%)	4.8% (0.8%-8.6%)	5.2% (2.0%-8.2%)
Afghanistan	\$951 (\$429-\$1 588)	\$36 401 (\$25 093-\$48 265)	\$37 352 (\$26 049-\$49 268)	6.6% (3.6%-9.6%)	4.4% (1.5%-6.9%)	4.4% (1.6%-6.9%)
Algeria	\$36 074 (\$16 117-\$60 605)	\$201 858 (\$89 305-\$339 299)	\$237 932 (\$124 094-\$380 385)	6.4% (3.6%-9.4%)	6.2% (1.5%-9.9%)	6.2% (2.4%-9.5%)
Bahrain	\$7 233 (\$3 077-\$12 325)	\$20 693 (\$7 974-\$38 388)	\$27 926 (\$14 164-\$46 505)	7.0% (4.2%-9.9%)	7.5% (2.4%-12.3%)	7.4% (3.8%-10.8%)
Egypt	\$49 494 (\$21 863-\$82 304)	\$222 491 (\$108 264-\$349 171)	\$271 985 (\$154 827-\$406 099)	5.3% (2.3%-8.1%)	4.9% (1.2%-8.1%)	5.0% (2.0%-7.7%)
Iran (Islamic Republic of)	\$213 001 (\$92 068-\$362 327)	\$1 126 260 (\$543 180-\$1 813 889)	\$1 339 261 (\$730 482-\$2 032 769)	7.7% (4.9%-10.7%)	6.6% (2.3%-10.6%)	6.7% (3.3%-10.2%)
Iraq	\$35 949 (\$15 687-\$60 750)	\$181 685 (\$86 991-\$281 712)	\$217 635 (\$120 598-\$325 737)	6.0% (3.2%-8.9%)	4.1% (0.4%-7.2%)	4.4% (1.3%-7.0%)
Jordan	\$7 046 (\$3 094-\$11 693)	\$40 101 (\$16 973-\$69 017)	\$47 147 (\$24 108-\$77 839)	7.7% (4.7%-10.6%)	8.3% (3.7%-12.3%)	8.2% (4.5%-11.6%)
Kuwait	\$39 788 (\$17 048-\$67 506)	\$55 903 (\$18 786-\$113 196)	\$95 691 (\$50 318-\$156 927)	5.3% (2.5%-8.1%)	3.4% (-2.1%-8.7%)	4.1% (0.8%-7.4%)
Lebanon	\$12 833 (\$5 964-\$21 501)	\$90 057 (\$34 497-\$166 856)	\$102 890 (\$46 585-\$182 772)	3.2% (0.3%-6.2%)	4.6% (-0.5%-9.2%)	4.4% (0.2%-8.2%)
Libya	\$10 167 (\$4 469-\$17 113)	\$48 325 (\$18 411-\$91 801)	\$58 492 (\$27 405-\$103 063)	0.5% (-2.2%-3.2%)	2.7% (-2.0%-7.2%)	2.2% (-1.5%-5.8%)
Morocco	\$30 618 (\$13 768-\$51 106)	\$296 588 (\$141 362-\$477 357)	\$327 206 (\$167 970-\$513 048)	7.0% (4.1%-10.0%)	6.1% (1.5%-10.0%)	6.2% (2.1%-9.7%)
Oman	\$8 348 (\$3 581-\$14 055)	\$32 138 (\$12 069-\$59 679)	\$40 487 (\$20 153-\$69 371)	2.1% (-0.6%-4.8%)	2.8% (-2.1%-7.3%)	2.7% (-1.0%-6.1%)
Palestine	\$2 257 (\$1 015-\$3 790)	\$63 036 (\$32 393-\$94 210)	\$65 293 (\$34 781-\$96 886)	5.6% (2.6%-8.5%)	4.0% (0.5%-6.6%)	4.0% (0.7%-6.5%)

Qatar	\$16 853 (\$7 017-\$29 232)	\$21 365 (\$7 492-\$43 263)	\$38 218 (\$19 657-\$62 599)	9.2% (6.5%-12.1%)	7.2% (1.8%-12.6%)	8.1% (4.6%-11.3%)
Saudi Arabia	\$128 591 (\$54 576-\$219 159)	\$338 529 (\$123 467-\$658 888)	\$467 120 (\$233 133-\$787 972)	4.0% (1.2%-6.7%)	2.3% (-2.7%-6.9%)	2.8% (-0.8%-6.1%)
Sudan	\$3 153 (\$1 393-\$5 335)	\$49 485 (\$25 756-\$74 647)	\$52 639 (\$28 851-\$78 156)	2.7% (-0.1%-5.5%)	2.9% (-0.4%-5.5%)	2.9% (-0.2%-5.3%)
Syrian Arab Republic	\$2 311 (\$1 027-\$3 896)	\$32 619 (\$13 960-\$60 107)	\$34 930 (\$16 094-\$62 680)	1.6% (-1.1%-4.4%)	2.2% (-1.9%-6.1%)	2.1% (-1.7%-5.8%)
Tunisia	\$18 028 (\$8 228-\$29 936)	\$99 902 (\$44 535-\$166 471)	\$117 930 (\$62 696-\$187 772)	6.3% (3.4%-9.3%)	4.1% (-0.4%-7.9%)	4.4% (0.7%-7.7%)
Turkey	\$443 405 (\$221 103-\$737 118)	\$957 489 (\$418 726-\$1 687 966)	\$1 400 894 (\$792 381-\$2 224 123)	8.8% (5.8%-12.0%)	4.3% (-0.3%-8.5%)	5.4% (2.2%-8.7%)
United Arab Emirates	\$33 545 (\$14 135-\$57 402)	\$61 144 (\$21 384-\$125 976)	\$94 689 (\$47 390-\$163 741)	5.9% (3.2%-8.7%)	6.2% (0.5%-11.7%)	6.1% (2.6%-9.6%)
Yemen	\$1 352 (\$601-\$2 260)	\$29 234 (\$15 912-\$49 374)	\$30 586 (\$17 287-\$50 858)	-1.4% (-4.0%-1.2%)	0.8% (-2.3%-3.7%)	0.7% (-2.3%-3.5%)
South Asia	\$408 715 (\$188 301-\$680 871)	\$5 504 012 (\$3 547 314-\$7 299 652)	\$5 912 727 (\$4 006 452-\$7 809 270)	11.1% (8.1%-14.2%)	6.7% (4.3%-8.2%)	6.9% (4.8%-8.4%)
Bangladesh	\$41 671 (\$19 090-\$69 453)	\$1 732 987 (\$1 167 650-\$2 272 653)	\$1 774 657 (\$1 216 401-\$2 313 935)	11.9% (9.0%-15.0%)	8.0% (5.7%-9.6%)	8.0% (5.8%-9.6%)
Bhutan	\$342 (\$158-\$568)	\$11 236 (\$7 239-\$15 191)	\$11 577 (\$7 607-\$15 516)	11.0% (7.9%-14.1%)	7.1% (4.6%-9.0%)	7.2% (4.7%-9.0%)
India	\$347 450 (\$160 331-\$578 927)	\$2 950 743 (\$1 832 252-\$3 977 211)	\$3 298 193 (\$2 199 627-\$4 392 389)	11.6% (8.6%-14.7%)	6.8% (4.4%-8.4%)	7.2% (5.0%-8.8%)
Nepal	\$3 262 (\$1 535-\$5 470)	\$158 595 (\$95 749-\$236 346)	\$161 856 (\$98 419-\$239 141)	8.8% (5.8%-11.8%)	7.1% (4.5%-9.5%)	7.1% (4.6%-9.5%)
Pakistan	\$15 991 (\$7 190-\$26 676)	\$650 452 (\$412 634-\$912 034)	\$666 443 (\$428 293-\$933 995)	4.7% (2.0%-7.6%)	3.8% (1.1%-6.1%)	3.8% (1.2%-6.1%)

East Asia	\$16 002 541 (\$8 148 457-\$26 412 056)	\$64 329 574 (\$33 769 562-\$98 024 544)	\$80 332 115 (\$47 590 435-\$117 182 332)	14.6% (11.4%-17.9%)	9.2% (5.9%-12.2%)	10.0% (7.2%-12.6%)
China	\$14 909 078 (\$7 683 329-\$24 549 838)	\$62 439 889 (\$32 920 143-\$95 158 753)	\$77 348 967 (\$45 869 273-\$113 178 401)	15.4% (12.2%-18.8%)	9.4% (6.1%-12.4%)	10.2% (7.5%-12.8%)
Democratic People's Republic of Korea	\$2 761 (\$1 394-\$4 649)	\$201 218 (\$110 581-\$290 721)	\$203 978 (\$115 284-\$294 388)	2.3% (-0.5%-5.4%)	4.4% (1.5%-6.9%)	4.3% (1.5%-6.9%)
Taiwan (Province of China)	\$1 090 703 (\$471 834-\$1 841 378)	\$1 688 467 (\$766 433-\$2 842 578)	\$2 779 170 (\$1 652 825-\$4 075 198)	8.6% (5.9%-11.4%)	4.9% (0.3%-9.4%)	6.1% (3.0%-9.1%)
Oceania	\$6 072 (\$2 765-\$10 122)	\$77 708 (\$43 888-\$112 916)	\$83 780 (\$50 500-\$119 252)	3.6% (0.8%-6.5%)	3.9% (0.6%-6.7%)	3.8% (0.9%-6.5%)
American Samoa	\$138 (\$66-\$230)	\$1 333 (\$563-\$2 308)	\$1 472 (\$684-\$2 468)	0.8% (-2.0%-3.7%)	1.5% (-2.6%-5.4%)	1.4% (-2.1%-4.8%)
Cook Islands	\$210 (\$100-\$353)	\$1 352 (\$557-\$2 332)	\$1 562 (\$776-\$2 550)	5.5% (2.7%-8.6%)	3.5% (-1.1%-7.5%)	3.8% (-0.1%-7.2%)
Fiji	\$655 (\$310-\$1 087)	\$9 653 (\$4 521-\$15 023)	\$10 308 (\$5 272-\$15 772)	4.2% (1.4%-7.1%)	4.3% (0.3%-7.5%)	4.3% (0.6%-7.3%)
Guam	\$2 921 (\$1 325-\$4 954)	\$11 385 (\$4 347-\$20 761)	\$14 306 (\$7 097-\$24 305)	4.2% (1.5%-7.2%)	3.8% (-1.0%-8.3%)	3.9% (0.2%-7.4%)
Kiribati	\$12 (\$6-\$19)	\$333 (\$191-\$477)	\$344 (\$205-\$489)	0.3% (-2.5%-3.3%)	2.5% (-1.0%-5.8%)	2.4% (-1.0%-5.5%)
Marshall Islands	\$19 (\$9-\$31)	\$325 (\$177-\$471)	\$344 (\$197-\$494)	2.6% (-0.2%-5.7%)	3.6% (0.0%-6.9%)	3.6% (0.0%-6.6%)
Micronesia (Federated States of)	\$31 (\$15-\$52)	\$787 (\$389-\$1 266)	\$818 (\$422-\$1 297)	-0.1% (-2.7%-2.8%)	1.1% (-2.3%-4.2%)	1.0% (-2.2%-4.0%)
Nauru	\$6 (\$3-\$11)	\$75 (\$38-\$115)	\$82 (\$43-\$123)	3.1% (0.4%-6.0%)	2.0% (-1.8%-5.3%)	2.1% (-1.5%-5.2%)
Niue	\$19 (\$10-\$33)	\$126 (\$56-\$204)	\$146 (\$78-\$230)	3.2% (0.2%-6.3%)	1.5% (-2.7%-5.0%)	1.7% (-1.8%-4.9%)

Northern Mariana Islands	\$223 (\$101-\$373)	\$1 563 (\$612-\$2 779)	\$1 786 (\$813-\$3 037)	0.6% (-2.0%-3.4%)	2.9% (-1.8%-7.4%)	2.5% (-1.3%-6.1%)
Palau	\$81 (\$41-\$138)	\$606 (\$242-\$1 052)	\$687 (\$318-\$1 147)	2.9% (0.0%-6.1%)	2.0% (-2.4%-6.1%)	2.1% (-1.7%-5.6%)
Papua New Guinea	\$1 401 (\$634-\$2 337)	\$41 064 (\$26 556-\$55 740)	\$42 465 (\$27 823-\$57 304)	3.5% (0.8%-6.4%)	4.6% (1.5%-7.5%)	4.6% (1.6%-7.3%)
Samoa	\$117 (\$58-\$194)	\$1 840 (\$981-\$2 729)	\$1 957 (\$1 116-\$2 877)	2.7% (-0.1%-5.7%)	0.6% (-2.9%-3.7%)	0.7% (-2.6%-3.6%)
Solomon Islands	\$69 (\$32-\$115)	\$2 416 (\$1 375-\$3 792)	\$2 485 (\$1 452-\$3 848)	2.0% (-0.8%-4.8%)	3.1% (0.1%-5.8%)	3.1% (0.1%-5.7%)
Tokelau	\$4 (\$2-\$6)	\$31 (\$13-\$54)	\$34 (\$16-\$58)	4.1% (1.1%-7.3%)	1.1% (-2.9%-4.9%)	1.4% (-2.1%-4.9%)
Tonga	\$82 (\$40-\$138)	\$2 308 (\$1 210-\$3 498)	\$2 390 (\$1 305-\$3 606)	1.3% (-1.4%-4.2%)	1.9% (-1.7%-5.0%)	1.9% (-1.6%-4.9%)
Tuvalu	\$12 (\$6-\$20)	\$87 (\$47-\$134)	\$99 (\$58-\$148)	1.8% (-1.1%-4.9%)	3.2% (-1.0%-7.1%)	3.0% (-0.7%-6.3%)
Vanuatu	\$72 (\$33-\$118)	\$2 423 (\$1 461-\$3 499)	\$2 494 (\$1 537-\$3 590)	2.8% (0.1%-5.7%)	1.9% (-0.8%-4.2%)	2.0% (-0.7%-4.2%)
Southeast Asia	\$867 528 (\$422 695-\$1 425 176)	\$5 853 358 (\$2 558 698-\$10 071 673)	\$6 720 886 (\$3 481 507-\$10 962 771)	8.1% (5.2%-11.2%)	5.5% (1.1%-9.5%)	5.8% (2.0%-9.3%)
Cambodia	\$2 401 (\$1 177-\$3 958)	\$161 038 (\$81 068-\$240 900)	\$163 439 (\$84 055-\$243 869)	10.6% (7.6%-13.8%)	7.6% (4.1%-10.3%)	7.6% (4.2%-10.4%)
Indonesia	\$124 647 (\$58 080-\$207 945)	\$1 278 369 (\$542 124-\$2 185 369)	\$1 403 016 (\$669 309-\$2 321 604)	6.5% (3.7%-9.5%)	4.1% (-0.2%-7.9%)	4.3% (0.3%-7.8%)
Lao People's Democratic Republic	\$1 222 (\$553-\$2 034)	\$41 650 (\$19 773-\$67 673)	\$42 872 (\$20 911-\$68 747)	8.0% (5.2%-11.0%)	6.5% (2.8%-9.8%)	6.6% (2.9%-9.8%)
Malaysia	\$71 246 (\$33 298-\$119 434)	\$434 937 (\$158 955-\$845 470)	\$506 183 (\$224 841-\$911 869)	7.1% (4.2%-10.2%)	5.7% (0.4%-10.7%)	5.9% (1.3%-10.2%)

Maldives	\$860 (\$407-\$1 426)	\$6 341 (\$2 540-\$11 229)	\$7 202 (\$3 349-\$12 098)	7.6% (4.7%-10.7%)	8.3% (3.1%-12.8%)	8.3% (3.9%-12.2%)
Mauritius	\$4 676 (\$2 332-\$7 790)	\$22 559 (\$8 808-\$41 968)	\$27 235 (\$13 376-\$46 833)	7.5% (4.6%-10.8%)	4.9% (0.1%-9.4%)	5.3% (1.3%-9.2%)
Myanmar	\$8 310 (\$4 135-\$13 842)	\$328 729 (\$149 848-\$544 345)	\$337 040 (\$158 843-\$552 302)	12.7% (9.7%-16.0%)	7.9% (4.0%-11.3%)	8.0% (4.2%-11.3%)
Philippines	\$41 706 (\$19 809-\$69 062)	\$782 788 (\$324 757-\$1 344 968)	\$824 493 (\$373 806-\$1 390 296)	7.0% (4.1%-10.1%)	5.4% (0.8%-9.3%)	5.5% (1.2%-9.2%)
Seychelles	\$419 (\$199-\$697)	\$2 529 (\$968-\$4 919)	\$2 947 (\$1 390-\$5 310)	3.1% (0.3%-6.0%)	3.2% (-2.1%-8.1%)	3.2% (-1.1%-7.1%)
Sri Lanka	\$18 045 (\$8 861-\$29 645)	\$107 763 (\$42 183-\$193 884)	\$125 808 (\$59 146-\$214 557)	7.9% (4.9%-11.0%)	5.0% (-0.1%-9.5%)	5.4% (1.0%-9.4%)
Thailand	\$541 105 (\$266 665-\$883 669)	\$1 807 668 (\$823 822-\$3 156 100)	\$2 348 773 (\$1 261 571-\$3 786 497)	8.6% (5.7%-11.8%)	6.3% (1.5%-11.2%)	6.8% (3.0%-10.7%)
Timor-Leste	\$242 (\$118-\$400)	\$9 348 (\$4 913-\$14 067)	\$9 590 (\$5 125-\$14 334)	6.6% (3.8%-9.7%)	5.6% (1.9%-8.5%)	5.6% (2.1%-8.4%)
Viet Nam	\$52 649 (\$26 133-\$86 286)	\$869 639 (\$368 751-\$1 507 883)	\$922 288 (\$421 666-\$1 553 735)	9.0% (6.0%-12.2%)	5.5% (1.1%-9.4%)	5.7% (1.5%-9.3%)
Central Sub-Saharan Africa	\$11 862 (\$5 275-\$19 832)	\$469 707 (\$326 949-\$611 887)	\$481 569 (\$336 608-\$625 908)	4.1% (1.4%-7.0%)	4.7% (2.7%-6.2%)	4.7% (2.8%-6.2%)
Angola	\$4 091 (\$1 786-\$6 871)	\$156 154 (\$107 140-\$206 751)	\$160 245 (\$111 599-\$211 771)	6.8% (3.9%-9.7%)	5.4% (3.2%-7.0%)	5.4% (3.3%-7.1%)
Central African Republic	\$119 (\$57-\$195)	\$10 799 (\$6 947-\$15 103)	\$10 918 (\$7 050-\$15 204)	0.9% (-1.8%-3.7%)	2.5% (0.2%-4.8%)	2.5% (0.2%-4.8%)
Congo	\$1 224 (\$561-\$2 015)	\$27 848 (\$14 601-\$43 696)	\$29 072 (\$15 859-\$44 919)	2.0% (-0.6%-4.8%)	2.5% (-0.8%-5.5%)	2.5% (-0.6%-5.4%)
Democratic Republic of the Congo	\$2 506 (\$1 149-\$4 142)	\$237 866 (\$173 731-\$303 077)	\$240 372 (\$175 578-\$305 659)	5.6% (2.8%-8.5%)	4.9% (3.2%-6.4%)	4.9% (3.2%-6.4%)

Equatorial Guinea	\$1 253 (\$541-\$2 126)	\$17 047 (\$8 558-\$25 845)	\$18 301 (\$9 631-\$27 550)	6.6% (3.8%-9.4%)	5.6% (2.3%-8.4%)	5.7% (2.6%-8.3%)
Gabon	\$2 669 (\$1 195-\$4 442)	\$19 993 (\$10 380-\$30 736)	\$22 662 (\$12 926-\$33 813)	1.2% (-1.4%-4.0%)	2.5% (-1.4%-5.8%)	2.3% (-1.0%-5.1%)
Eastern Sub-Saharan Africa	\$19 336 (\$8 839-\$31 954)	\$1 722 304 (\$1 214 171-\$2 239 480)	\$1 741 641 (\$1 229 650-\$2 261 700)	6.7% (3.9%-9.7%)	4.6% (2.8%-6.0%)	4.7% (2.8%-6.0%)
Burundi	\$116 (\$56-\$191)	\$27 901 (\$20 950-\$35 384)	\$28 017 (\$21 048-\$35 493)	2.4% (-0.5%-5.2%)	2.7% (1.2%-3.8%)	2.7% (1.2%-3.8%)
Comoros	\$135 (\$66-\$221)	\$5 346 (\$3 541-\$7 217)	\$5 480 (\$3 684-\$7 377)	3.5% (0.7%-6.5%)	3.6% (1.2%-5.5%)	3.6% (1.2%-5.5%)
Djibouti	\$271 (\$118-\$455)	\$6 765 (\$4 325-\$9 404)	\$7 035 (\$4 586-\$9 694)	10.8% (7.9%-13.8%)	6.3% (4.0%-8.2%)	6.5% (4.2%-8.3%)
Eritrea	\$141 (\$62-\$236)	\$20 969 (\$14 069-\$27 654)	\$21 110 (\$14 205-\$27 815)	3.2% (0.5%-6.0%)	4.1% (2.1%-6.1%)	4.1% (2.0%-6.1%)
Ethiopia	\$4 003 (\$1 810-\$6 683)	\$385 768 (\$288 119-\$501 595)	\$389 771 (\$291 099-\$505 586)	11.4% (8.5%-14.5%)	7.5% (5.8%-9.0%)	7.5% (5.8%-9.1%)
Kenya	\$6 232 (\$2 833-\$10 323)	\$245 907 (\$154 385-\$334 513)	\$252 140 (\$162 080-\$342 578)	5.7% (3.0%-8.7%)	3.0% (0.5%-5.0%)	3.1% (0.6%-5.0%)
Madagascar	\$494 (\$224-\$817)	\$104 032 (\$74 893-\$132 600)	\$104 526 (\$75 416-\$133 263)	2.2% (-0.5%-5.0%)	3.5% (1.8%-4.6%)	3.4% (1.8%-4.6%)
Malawi	\$461 (\$222-\$760)	\$58 009 (\$41 709-\$75 900)	\$58 470 (\$42 182-\$76 392)	5.8% (2.9%-8.8%)	3.4% (1.6%-4.9%)	3.5% (1.7%-4.9%)
Mozambique	\$585 (\$274-\$963)	\$93 707 (\$71 044-\$118 996)	\$94 292 (\$71 606-\$119 734)	6.8% (3.9%-9.8%)	4.5% (3.1%-5.7%)	4.6% (3.1%-5.7%)
Rwanda	\$603 (\$290-\$994)	\$50 243 (\$34 746-\$65 448)	\$50 846 (\$35 490-\$66 199)	11.3% (8.4%-14.4%)	7.5% (5.3%-9.2%)	7.5% (5.4%-9.2%)
Somalia	\$60 (\$28-\$101)	\$21 693 (\$15 427-\$28 520)	\$21 754 (\$15 491-\$28 604)	3.7% (0.9%-6.5%)	4.0% (2.2%-5.8%)	4.0% (2.2%-5.8%)

South Sudan	\$202 (\$96-\$331)	\$29 414 (\$19 835-\$39 027)	\$29 616 (\$20 089-\$39 239)	-2.3% (-4.9%-0.4%)	-0.6% (-2.5%-1.2%)	-0.6% (-2.5%-1.1%)
Uganda	\$1 598 (\$733-\$2 650)	\$155 929 (\$111 400-\$200 875)	\$157 527 (\$112 518-\$202 518)	7.0% (4.1%-9.9%)	5.7% (3.9%-6.8%)	5.7% (3.9%-6.9%)
United Republic of Tanzania	\$3 539 (\$1 633-\$5 865)	\$421 674 (\$294 891-\$539 951)	\$425 213 (\$298 079-\$544 183)	7.4% (4.5%-10.4%)	4.3% (2.3%-5.7%)	4.4% (2.4%-5.7%)
Zambia	\$897 (\$409-\$1 491)	\$94 946 (\$60 880-\$131 257)	\$95 843 (\$61 620-\$132 422)	7.1% (4.3%-10.0%)	5.1% (2.8%-6.8%)	5.2% (2.9%-6.8%)
Southern Sub-Saharan Africa	\$101 094 (\$48 879-\$167 547)	\$1 006 877 (\$541 234-\$1 449 114)	\$1 107 971 (\$644 985-\$1 579 187)	4.1% (1.2%-7.1%)	2.8% (-0.3%-5.4%)	2.9% (0.2%-5.3%)
Botswana	\$2 399 (\$1 092-\$4 018)	\$20 681 (\$10 749-\$31 639)	\$23 080 (\$12 964-\$34 455)	5.7% (2.9%-8.7%)	6.2% (2.1%-9.9%)	6.1% (2.5%-9.4%)
Eswatini	\$442 (\$203-\$734)	\$9 211 (\$5 257-\$13 245)	\$9 653 (\$5 624-\$13 898)	5.3% (2.5%-8.3%)	3.2% (-0.1%-5.9%)	3.3% (0.3%-5.8%)
Lesotho	\$239 (\$119-\$395)	\$13 441 (\$8 106-\$19 026)	\$13 681 (\$8 390-\$19 278)	2.9% (0.0%-5.9%)	2.3% (-1.0%-5.2%)	2.3% (-0.9%-5.1%)
Namibia	\$1 988 (\$949-\$3 330)	\$28 614 (\$15 561-\$41 456)	\$30 602 (\$17 375-\$44 237)	4.4% (1.5%-7.4%)	3.3% (0.2%-6.0%)	3.4% (0.3%-5.9%)
South Africa	\$93 900 (\$45 371-\$155 998)	\$772 924 (\$398 727-\$1 138 465)	\$866 824 (\$493 920-\$1 260 141)	4.2% (1.3%-7.2%)	2.9% (-0.4%-5.6%)	3.0% (0.1%-5.5%)
Zimbabwe	\$2 125 (\$944-\$3 539)	\$162 006 (\$105 900-\$219 752)	\$164 131 (\$107 231-\$223 023)	0.0% (-2.6%-2.8%)	2.3% (0.1%-4.2%)	2.3% (0.0%-4.1%)
Western Sub-Saharan Africa	\$38 838 (\$17 619-\$64 630)	\$1 917 744 (\$1 313 496-\$2 496 151)	\$1 956 582 (\$1 356 330-\$2 545 401)	6.0% (3.2%-8.9%)	3.9% (1.8%-5.5%)	3.9% (1.9%-5.5%)
Benin	\$712 (\$321-\$1 182)	\$53 279 (\$38 977-\$68 461)	\$53 991 (\$39 649-\$69 279)	5.4% (2.6%-8.2%)	3.8% (2.1%-5.3%)	3.9% (2.1%-5.3%)
Burkina Faso	\$849 (\$394-\$1 394)	\$91 964 (\$66 760-\$122 710)	\$92 813 (\$67 521-\$123 483)	6.4% (3.6%-9.3%)	3.4% (1.5%-5.2%)	3.4% (1.5%-5.2%)

Cabo Verde	\$418 (\$200-\$690)	\$10 239 (\$6 354-\$14 040)	\$10 657 (\$6 694-\$14 486)	5.3% (2.4%-8.3%)	3.9% (1.1%-6.2%)	4.0% (1.2%-6.2%)
Cameroon	\$2 201 (\$982-\$3 671)	\$155 053 (\$103 165-\$206 262)	\$157 254 (\$105 585-\$208 602)	5.2% (2.4%-8.1%)	3.8% (1.6%-5.4%)	3.8% (1.6%-5.4%)
Chad	\$420 (\$190-\$699)	\$40 382 (\$31 826-\$49 567)	\$40 803 (\$32 126-\$49 949)	5.3% (2.4%-8.2%)	4.0% (3.0%-4.9%)	4.0% (3.0%-4.9%)
Côte d'Ivoire	\$3 083 (\$1 371-\$5 115)	\$64 428 (\$44 930-\$85 243)	\$67 511 (\$47 539-\$88 818)	5.3% (2.5%-8.2%)	4.3% (2.0%-6.4%)	4.4% (2.2%-6.4%)
Gambia	\$91 (\$43-\$150)	\$7 019 (\$4 880-\$9 088)	\$7 111 (\$4 960-\$9 238)	3.8% (1.1%-6.7%)	3.5% (1.3%-5.7%)	3.5% (1.3%-5.7%)
Ghana	\$4 582 (\$2 072-\$7 644)	\$246 350 (\$146 658-\$343 506)	\$250 932 (\$151 971-\$351 152)	8.2% (5.3%-11.1%)	5.3% (2.7%-7.4%)	5.4% (2.8%-7.4%)
Guinea	\$929 (\$423-\$1 546)	\$63 238 (\$45 113-\$83 909)	\$64 167 (\$45 900-\$84 717)	3.4% (0.6%-6.3%)	1.8% (-0.1%-3.4%)	1.8% (0.0%-3.4%)
Guinea-Bissau	\$55 (\$27-\$92)	\$5 367 (\$3 948-\$6 821)	\$5 423 (\$3 987-\$6 891)	3.3% (0.5%-6.2%)	3.1% (0.8%-5.4%)	3.1% (0.9%-5.4%)
Liberia	\$138 (\$67-\$226)	\$15 991 (\$11 807-\$20 312)	\$16 129 (\$11 941-\$20 431)	2.3% (-0.4%-5.1%)	1.7% (0.0%-3.3%)	1.7% (0.0%-3.3%)
Mali	\$969 (\$439-\$1 621)	\$31 511 (\$24 724-\$39 039)	\$32 481 (\$25 433-\$40 055)	5.9% (3.1%-8.8%)	4.6% (2.9%-6.3%)	4.6% (2.9%-6.4%)
Mauritania	\$622 (\$287-\$1 031)	\$15 807 (\$10 902-\$20 682)	\$16 429 (\$11 346-\$21 510)	4.5% (1.8%-7.4%)	3.7% (0.9%-6.2%)	3.7% (1.0%-6.1%)
Niger	\$423 (\$198-\$701)	\$72 784 (\$56 545-\$92 272)	\$73 208 (\$56 951-\$92 586)	5.9% (3.1%-8.8%)	6.0% (4.3%-7.8%)	6.0% (4.3%-7.8%)
Nigeria	\$21 172 (\$9 587-\$35 341)	\$888 959 (\$580 883-\$1 174 079)	\$910 131 (\$603 388-\$1 200 036)	6.2% (3.4%-9.0%)	3.5% (1.1%-5.3%)	3.5% (1.2%-5.3%)
Sao Tome and Principe	\$38 (\$18-\$62)	\$1 695 (\$1 042-\$2 398)	\$1 733 (\$1 083-\$2 442)	3.8% (0.9%-6.8%)	2.6% (0.2%-4.8%)	2.6% (0.2%-4.8%)

Senegal	\$1 617 (\$746-\$2 681)	\$89 997 (\$66 088-\$114 369)	\$91 614 (\$67 675-\$116 253)	5.0% (2.2%-7.9%)	5.6% (3.4%-7.6%)	5.6% (3.4%-7.5%)
Sierra Leone	\$197 (\$96-\$323)	\$22 611 (\$16 331-\$29 414)	\$22 808 (\$16 514-\$29 620)	5.8% (2.7%-8.8%)	4.3% (2.2%-6.1%)	4.3% (2.2%-6.1%)
Togo	\$321 (\$153-\$534)	\$41 067 (\$28 813-\$53 262)	\$41 388 (\$29 041-\$53 668)	6.4% (3.6%-9.4%)	4.6% (2.6%-6.1%)	4.6% (2.6%-6.1%)

Supplementary Table 24. Direct, indirect, and total cost per country in PPP (2019)

	Direct cost attributable to dementia, 2019 (Thousands PPP)	Indirect cost	Total cost
Central Asia	\$253 750 (\$126 814-\$420 112)	\$3 583 085 (\$1 901 401-\$5 269 961)	\$3 836 835 (\$2 180 341-\$5 560 721)
Armenia	\$22 183 (\$11 878-\$37 414)	\$234 860 (\$122 928-\$353 752)	\$257 044 (\$144 935-\$379 324)
Azerbaijan	\$26 879 (\$13 099-\$44 681)	\$524 496 (\$268 325-\$803 585)	\$551 375 (\$291 172-\$831 156)
Georgia	\$39 112 (\$20 479-\$65 060)	\$246 970 (\$122 046-\$381 846)	\$286 083 (\$160 666-\$428 011)
Kazakhstan	\$121 342 (\$57 980-\$202 769)	\$1 163 028 (\$571 220-\$1 756 654)	\$1 284 370 (\$707 297-\$1 896 176)
Kyrgyzstan	\$3 853 (\$1 958-\$6 382)	\$272 279 (\$160 164-\$385 535)	\$276 132 (\$164 707-\$389 905)
Mongolia	\$4 989 (\$2 407-\$8 277)	\$109 697 (\$60 518-\$158 772)	\$114 687 (\$64 340-\$165 138)
Tajikistan	\$1 520 (\$773-\$2 480)	\$63 681 (\$40 912-\$88 272)	\$65 201 (\$42 249-\$90 861)
Turkmenistan	\$17 777 (\$8 897-\$29 486)	\$182 237 (\$89 909-\$295 610)	\$200 014 (\$107 155-\$313 385)
Uzbekistan	\$16 093 (\$7 904-\$26 747)	\$785 836 (\$398 719-\$1 223 472)	\$801 930 (\$415 136-\$1 242 754)
Central Europe	\$4 206 657 (\$2 172 186-\$7 050 313)	\$17 850 398 (\$9 645 766-\$26 176 185)	\$22 057 055 (\$13 584 319-\$31 062 100)

Albania	\$25 689 (\$13 355-\$43 422)	\$326 118 (\$189 029-\$455 978)	\$351 807 (\$218 406-\$487 314)
Bosnia and Herzegovina	\$39 607 (\$20 731-\$66 529)	\$275 994 (\$159 899-\$392 480)	\$315 601 (\$195 559-\$441 660)
Bulgaria	\$216 218 (\$113 365-\$361 567)	\$1 284 884 (\$701 725-\$1 850 442)	\$1 501 102 (\$905 687-\$2 121 990)
Croatia	\$170 014 (\$88 229-\$288 456)	\$875 300 (\$456 086-\$1 321 041)	\$1 045 314 (\$619 819-\$1 519 186)
Czechia	\$1 006 244 (\$522 327-\$1 663 276)	\$2 363 198 (\$1 163 096-\$3 609 354)	\$3 369 442 (\$2 095 292-\$4 809 485)
Hungary	\$91 659 (\$47 783-\$155 614)	\$1 422 112 (\$735 931-\$2 115 237)	\$1 513 771 (\$836 561-\$2 231 553)
Montenegro	\$10 285 (\$5 350-\$17 381)	\$78 432 (\$38 043-\$121 840)	\$88 717 (\$47 394-\$135 147)
North Macedonia	\$20 260 (\$10 519-\$34 081)	\$173 983 (\$94 297-\$251 679)	\$194 243 (\$115 496-\$281 214)
Poland	\$1 523 568 (\$778 519-\$2 545 772)	\$6 319 357 (\$3 632 400-\$9 039 471)	\$7 842 925 (\$5 056 742-\$10 885 666)
Romania	\$699 205 (\$361 994-\$1 189 593)	\$2 900 724 (\$1 579 330-\$4 209 343)	\$3 599 930 (\$2 245 593-\$5 120 562)
Serbia	\$144 369 (\$74 513-\$244 207)	\$715 715 (\$377 828-\$1 060 360)	\$860 084 (\$514 034-\$1 248 443)
Slovakia	\$191 584 (\$96 576-\$322 828)	\$711 576 (\$355 811-\$1 073 802)	\$903 160 (\$536 919-\$1 304 528)
Slovenia	\$67 955 (\$34 669-\$114 939)	\$403 006 (\$196 118-\$627 577)	\$470 961 (\$272 393-\$708 940)
Eastern Europe	\$4 086 309 (\$2 099 452-\$6 829 133)	\$22 356 741 (\$10 171 546-\$36 216 182)	\$26 443 050 (\$14 533 040-\$40 812 570)
Belarus	\$137 871 (\$71 000-\$229 134)	\$1 166 111 (\$524 282-\$1 928 569)	\$1 303 982 (\$648 906-\$2 089 952)
Estonia	\$81 295 (\$41 067-\$137 287)	\$238 190 (\$105 635-\$397 884)	\$319 485 (\$180 645-\$487 604)
Latvia	\$95 762 (\$48 988-\$162 442)	\$331 707 (\$151 173-\$554 968)	\$427 469 (\$235 136-\$664 238)

Lithuania	\$174 884 (\$88 704-\$294 506)	\$459 409 (\$197 326-\$777 342)	\$634 293 (\$358 252-\$977 231)
Republic of Moldova	\$24 974 (\$13 053-\$41 730)	\$284 144 (\$137 543-\$439 833)	\$309 118 (\$161 192-\$467 669)
Russian Federation	\$3 092 314 (\$1 580 275-\$5 159 911)	\$15 400 619 (\$7 029 874-\$24 871 482)	\$18 492 933 (\$10 307 813-\$28 649 443)
Ukraine	\$479 209 (\$251 118-\$807 157)	\$4 476 561 (\$2 155 099-\$7 047 302)	\$4 955 770 (\$2 623 677-\$7 646 864)
Australasia	\$4 372 555 (\$2 156 647-\$7 415 498)	\$7 487 766 (\$3 131 673-\$12 503 823)	\$11 860 321 (\$6 913 716-\$17 789 583)
Australia	\$3 779 622 (\$1 865 703-\$6 413 109)	\$6 670 214 (\$2 798 014-\$11 130 855)	\$10 449 836 (\$6 099 288-\$15 658 004)
New Zealand	\$592 933 (\$281 974-\$1 000 124)	\$817 552 (\$344 335-\$1 405 718)	\$1 410 485 (\$820 621-\$2 137 877)
High-income Asia Pacific	\$48 596 368 (\$24 318 459-\$81 558 449)	\$40 776 215 (\$18 894 422-\$70 281 597)	\$89 372 583 (\$54 284 441-\$132 854 517)
Brunei Darussalam	\$8 870 (\$3 839-\$15 083)	\$13 573 (\$5 360-\$24 004)	\$22 442 (\$12 515-\$34 675)
Japan	\$45 998 411 (\$22 935 043-\$77 155 632)	\$29 709 149 (\$13 541 350-\$52 536 729)	\$75 707 560 (\$45 406 228-\$113 939 144)
Republic of Korea	\$2 446 892 (\$1 245 724-\$4 094 750)	\$10 368 208 (\$5 088 802-\$16 484 251)	\$12 815 099 (\$7 135 529-\$19 358 919)
Singapore	\$142 196 (\$67 009-\$237 917)	\$685 285 (\$301 188-\$1 209 478)	\$827 481 (\$425 463-\$1 355 761)
High-income North America	\$112 773 226 (\$57 406 087-\$171 530 169)	\$116 505 544 (\$66 275 444-\$178 390 674)	\$229 278 770 (\$152 766 455-\$306 250 443)
Canada	\$2 104 787 (\$959 500-\$3 562 165)	\$9 280 937 (\$3 994 759-\$15 555 464)	\$11 385 725 (\$6 088 289-\$17 731 467)
Greenland	\$4 050 (\$1 748-\$6 913)	\$5 472 (\$2 455-\$8 924)	\$9 522 (\$5 685-\$13 974)
United States of America	\$110 664 389 (\$56 438 582-\$168 176 640)	\$107 219 135 (\$62 244 450-\$163 656 623)	\$217 883 524 (\$146 664 201-\$289 557 317)

Southern Latin America	\$1 318 356 (\$642 396-\$2 216 514)	\$4 080 201 (\$2 082 584-\$6 354 186)	\$5 398 557 (\$3 237 646-\$7 844 135)
Argentina	\$998 255 (\$487 643-\$1 683 149)	\$2 567 659 (\$1 324 388-\$3 927 237)	\$3 565 914 (\$2 150 767-\$5 121 386)
Chile	\$223 138 (\$106 894-\$378 393)	\$1 205 343 (\$545 384-\$1 908 066)	\$1 428 481 (\$777 696-\$2 162 448)
Uruguay	\$96 963 (\$46 693-\$162 717)	\$307 199 (\$153 391-\$475 956)	\$404 162 (\$242 011-\$582 544)
Western Europe	\$89 391 162 (\$42 468 226-\$149 286 693)	\$92 964 294 (\$45 405 404-\$150 727 358)	\$182 355 455 (\$114 146 165-\$263 000 977)
Andorra	\$8 196 (\$3 747-\$13 948)	\$16 223 (\$7 009-\$27 033)	\$24 419 (\$13 953-\$36 824)
Austria	\$1 425 236 (\$653 577-\$2 439 362)	\$2 208 492 (\$922 297-\$3 674 852)	\$3 633 728 (\$2 178 384-\$5 323 234)
Belgium	\$3 117 101 (\$1 431 239-\$5 338 152)	\$2 355 333 (\$967 353-\$4 230 270)	\$5 472 434 (\$3 228 937-\$8 413 784)
Cyprus	\$52 702 (\$23 792-\$90 289)	\$144 639 (\$62 565-\$240 204)	\$197 341 (\$111 125-\$302 553)
Denmark	\$798 012 (\$350 545-\$1 376 458)	\$1 176 958 (\$462 076-\$2 116 599)	\$1 974 970 (\$1 121 005-\$2 989 829)
Finland	\$845 456 (\$403 720-\$1 455 461)	\$1 122 394 (\$459 435-\$1 956 724)	\$1 967 850 (\$1 161 979-\$2 962 953)
France	\$10 753 510 (\$5 582 656-\$17 969 820)	\$11 744 815 (\$5 147 063-\$20 437 150)	\$22 498 325 (\$13 370 356-\$33 606 479)
Germany	\$19 866 721 (\$8 703 261-\$33 765 878)	\$17 904 940 (\$7 557 628-\$31 871 488)	\$37 771 661 (\$21 798 274-\$56 657 650)
Greece	\$729 454 (\$354 231-\$1 248 342)	\$1 590 034 (\$793 920-\$2 478 621)	\$2 319 488 (\$1 413 711-\$3 360 711)
Iceland	\$42 428 (\$18 894-\$72 981)	\$76 167 (\$30 643-\$133 102)	\$118 595 (\$66 707-\$179 848)
Ireland	\$272 992 (\$118 004-\$467 761)	\$1 035 131 (\$524 004-\$1 577 672)	\$1 308 123 (\$788 391-\$1 863 796)
Israel	\$490 378 (\$223 746-\$819 373)	\$944 757 (\$401 316-\$1 649 646)	\$1 435 135 (\$849 870-\$2 126 319)

Italy	\$24 321 706 (\$11 523 955-\$41 615 099)	\$18 939 433 (\$9 668 054-\$29 311 846)	\$43 261 139 (\$27 107 969-\$63 322 760)
Luxembourg	\$163 166 (\$71 959-\$278 299)	\$113 753 (\$46 354-\$199 685)	\$276 920 (\$159 659-\$409 456)
Malta	\$49 305 (\$22 855-\$84 146)	\$89 957 (\$41 143-\$145 179)	\$139 263 (\$82 367-\$205 926)
Monaco	\$33 546 (\$14 234-\$57 550)	\$9 729 (\$3 890-\$17 909)	\$43 274 (\$23 086-\$67 216)
Netherlands	\$5 305 839 (\$3 051 827-\$8 263 623)	\$3 497 812 (\$1 591 837-\$6 024 789)	\$8 803 651 (\$5 586 784-\$12 527 290)
Norway	\$612 452 (\$287 550-\$1 044 576)	\$1 039 167 (\$405 275-\$1 876 936)	\$1 651 619 (\$927 796-\$2 516 827)
Portugal	\$1 130 526 (\$573 553-\$1 888 520)	\$1 605 613 (\$777 090-\$2 502 573)	\$2 736 139 (\$1 713 487-\$3 943 238)
San Marino	\$4 893 (\$2 221-\$8 271)	\$5 643 (\$2 330-\$9 592)	\$10 536 (\$6 249-\$15 864)
Spain	\$5 124 604 (\$2 439 208-\$8 518 630)	\$8 336 193 (\$4 494 436-\$12 478 346)	\$13 460 798 (\$8 560 202-\$18 899 089)
Sweden	\$2 468 838 (\$1 172 669-\$3 793 195)	\$1 488 190 (\$640 201-\$2 652 000)	\$3 957 028 (\$2 395 777-\$5 684 888)
Switzerland	\$1 493 187 (\$696 645-\$2 528 840)	\$2 556 497 (\$1 039 536-\$4 569 205)	\$4 049 683 (\$2 355 676-\$6 112 891)
United Kingdom	\$10 280 914 (\$4 853 621-\$16 667 722)	\$14 962 424 (\$7 575 300-\$23 355 789)	\$25 243 338 (\$16 091 262-\$35 589 093)
Andean Latin America	\$207 159 (\$102 335-\$341 860)	\$2 612 182 (\$1 395 131-\$3 849 037)	\$2 819 342 (\$1 609 353-\$4 078 917)
Bolivia (Plurinational State of)	\$17 292 (\$8 630-\$28 494)	\$645 413 (\$365 476-\$907 500)	\$662 705 (\$381 755-\$927 832)
Ecuador	\$55 502 (\$27 952-\$92 301)	\$612 903 (\$323 816-\$906 756)	\$668 406 (\$381 494-\$977 768)
Peru	\$134 365 (\$66 181-\$222 128)	\$1 353 866 (\$697 316-\$2 032 657)	\$1 488 231 (\$844 216-\$2 171 471)
Caribbean	\$645 449 (\$311 506-\$1 078 484)	\$2 186 187 (\$1 132 388-\$3 310 502)	\$2 831 636 (\$1 705 311-\$4 085 027)

Antigua and Barbuda	\$1 012 (\$467-\$1 689)	\$3 528 (\$1 586-\$5 839)	\$4 541 (\$2 468-\$7 019)
Bahamas	\$6 741 (\$3 086-\$11 324)	\$16 548 (\$7 289-\$27 933)	\$23 289 (\$13 200-\$35 518)
Barbados	\$4 671 (\$2 237-\$7 850)	\$17 149 (\$7 713-\$27 596)	\$21 819 (\$12 104-\$33 220)
Belize	\$545 (\$257-\$907)	\$9 525 (\$5 236-\$13 779)	\$10 070 (\$5 791-\$14 487)
Bermuda	\$14 528 (\$6 372-\$24 944)	\$8 601 (\$3 587-\$15 055)	\$23 130 (\$13 330-\$34 826)
Cuba	\$284 333 (\$145 482-\$474 021)	\$1 238 227 (\$594 141-\$1 942 307)	\$1 522 560 (\$853 116-\$2 286 070)
Dominica	\$493 (\$238-\$819)	\$2 936 (\$1 280-\$4 817)	\$3 429 (\$1 751-\$5 476)
Dominican Republic	\$63 080 (\$29 566-\$104 687)	\$354 321 (\$195 129-\$506 733)	\$417 402 (\$256 109-\$582 162)
Grenada	\$699 (\$329-\$1 154)	\$4 002 (\$1 974-\$6 254)	\$4 701 (\$2 566-\$7 073)
Guyana	\$1 933 (\$890-\$3 206)	\$17 070 (\$8 583-\$26 725)	\$19 003 (\$10 287-\$28 968)
Haiti	\$4 942 (\$2 239-\$8 263)	\$93 855 (\$59 395-\$135 834)	\$98 796 (\$63 331-\$141 944)
Jamaica	\$12 722 (\$6 317-\$21 227)	\$104 847 (\$50 575-\$170 214)	\$117 569 (\$63 453-\$182 535)
Puerto Rico	\$214 656 (\$97 287-\$363 997)	\$196 546 (\$82 934-\$340 634)	\$411 201 (\$239 862-\$623 471)
Saint Kitts and Nevis	\$679 (\$311-\$1 142)	\$2 494 (\$1 120-\$4 193)	\$3 173 (\$1 753-\$4 955)
Saint Lucia	\$1 364 (\$647-\$2 272)	\$7 526 (\$3 679-\$11 660)	\$8 890 (\$4 878-\$13 434)
Saint Vincent and the Grenadines	\$647 (\$307-\$1 069)	\$4 714 (\$2 373-\$7 207)	\$5 360 (\$2 963-\$8 049)
Suriname	\$3 427 (\$1 706-\$5 670)	\$26 355 (\$14 169-\$38 851)	\$29 782 (\$17 429-\$43 017)

Trinidad and Tobago	\$24 536 (\$11 854-\$40 943)	\$71 224 (\$33 558-\$111 947)	\$95 759 (\$56 033-\$141 744)
United States Virgin Islands	\$4 442 (\$1 996-\$7 402)	\$6 720 (\$2 730-\$11 641)	\$11 163 (\$6 354-\$17 042)
Central Latin America	\$3 185 148 (\$1 627 983-\$5 277 009)	\$7 180 239 (\$3 876 444-\$10 432 302)	\$10 365 388 (\$6 603 031-\$14 472 238)
Colombia	\$247 506 (\$130 434-\$410 088)	\$2 033 258 (\$1 073 184-\$3 002 625)	\$2 280 764 (\$1 345 043-\$3 324 985)
Costa Rica	\$38 763 (\$20 173-\$64 400)	\$275 865 (\$144 007-\$413 940)	\$314 628 (\$178 502-\$460 209)
El Salvador	\$16 249 (\$8 533-\$27 158)	\$249 769 (\$151 336-\$344 638)	\$266 018 (\$169 512-\$363 808)
Guatemala	\$20 719 (\$10 507-\$34 459)	\$314 909 (\$202 766-\$418 154)	\$335 628 (\$221 863-\$446 912)
Honduras	\$6 558 (\$3 359-\$10 993)	\$224 424 (\$143 853-\$301 079)	\$230 981 (\$149 497-\$308 775)
Mexico	\$2 750 556 (\$1 398 293-\$4 566 262)	\$3 000 412 (\$1 584 820-\$4 395 058)	\$5 750 968 (\$3 693 133-\$8 255 843)
Nicaragua	\$4 370 (\$2 290-\$7 318)	\$199 759 (\$125 538-\$277 645)	\$204 128 (\$129 874-\$281 810)
Panama	\$53 676 (\$27 521-\$89 809)	\$319 761 (\$160 143-\$484 141)	\$373 436 (\$217 336-\$545 687)
Venezuela (Bolivarian Republic of)	\$46 752 (\$24 297-\$77 507)	\$562 083 (\$309 593-\$803 734)	\$608 836 (\$360 352-\$865 656)
Tropical Latin America	\$738 348 (\$389 579-\$1 243 231)	\$13 562 926 (\$7 218 328-\$20 066 648)	\$14 301 274 (\$8 118 083-\$20 961 333)
Brazil	\$709 294 (\$374 525-\$1 193 293)	\$13 214 124 (\$7 042 262-\$19 551 483)	\$13 923 419 (\$7 890 241-\$20 429 190)
Paraguay	\$29 054 (\$15 000-\$48 592)	\$348 801 (\$186 780-\$505 878)	\$377 855 (\$221 167-\$538 282)
North Africa and Middle East	\$2 965 824 (\$1 374 611-\$4 931 339)	\$10 963 551 (\$5 066 222-\$17 828 241)	\$13 929 375 (\$7 800 074-\$21 308 802)
Afghanistan	\$4 126 (\$1 861-\$6 887)	\$157 882 (\$108 838-\$209 341)	\$162 008 (\$112 984-\$213 693)

Algeria	\$108 910 (\$48 659-\$182 975)	\$609 433 (\$269 622-\$1 024 381)	\$718 343 (\$374 652-\$1 148 424)
Bahrain	\$14 466 (\$6 155-\$24 651)	\$41 387 (\$15 949-\$76 778)	\$55 853 (\$28 329-\$93 014)
Egypt	\$201 495 (\$89 005-\$335 064)	\$905 776 (\$440 751-\$1 421 499)	\$1 107 271 (\$630 311-\$1 653 261)
Iran (Islamic Republic of)	\$418 298 (\$180 806-\$711 548)	\$2 211 783 (\$1 066 713-\$3 562 169)	\$2 630 081 (\$1 434 543-\$3 992 012)
Iraq	\$71 932 (\$31 388-\$121 556)	\$363 538 (\$174 062-\$563 684)	\$435 470 (\$241 308-\$651 775)
Jordan	\$16 763 (\$7 362-\$27 820)	\$95 408 (\$40 382-\$164 203)	\$112 171 (\$57 356-\$185 192)
Kuwait	\$63 915 (\$27 386-\$108 441)	\$89 803 (\$30 178-\$181 838)	\$153 718 (\$80 830-\$252 087)
Lebanon	\$26 069 (\$12 116-\$43 679)	\$182 952 (\$70 081-\$338 970)	\$209 022 (\$94 639-\$371 303)
Libya	\$24 711 (\$10 861-\$41 595)	\$117 458 (\$44 750-\$223 128)	\$142 168 (\$66 610-\$250 502)
Morocco	\$74 433 (\$33 469-\$124 240)	\$721 009 (\$343 654-\$1 160 462)	\$795 441 (\$408 336-\$1 247 226)
Oman	\$15 507 (\$6 651-\$26 106)	\$59 695 (\$22 418-\$110 850)	\$75 202 (\$37 433-\$128 854)
Palestine	\$1 162 (\$522-\$1 951)	\$32 447 (\$16 674-\$48 494)	\$33 609 (\$17 903-\$49 871)
Qatar	\$25 370 (\$10 563-\$44 005)	\$32 163 (\$11 278-\$65 127)	\$57 533 (\$29 590-\$94 236)
Saudi Arabia	\$268 645 (\$114 017-\$457 854)	\$707 233 (\$257 939-\$1 376 507)	\$975 877 (\$487 047-\$1 646 180)
Sudan	\$17 900 (\$7 904-\$30 284)	\$280 887 (\$146 195-\$423 710)	\$298 786 (\$163 764-\$443 625)
Syrian Arab Republic	\$51 126 (\$22 718-\$86 202)	\$721 646 (\$308 848-\$1 329 767)	\$772 772 (\$356 052-\$1 386 695)
Tunisia	\$60 116 (\$27 438-\$99 826)	\$333 133 (\$148 507-\$555 116)	\$393 249 (\$209 067-\$626 147)

Turkey	\$1 440 989 (\$718 546-\$2 395 505)	\$3 111 675 (\$1 360 789-\$5 485 599)	\$4 552 664 (\$2 575 102-\$7 228 017)
United Arab Emirates	\$55 895 (\$23 553-\$95 648)	\$101 883 (\$35 632-\$209 912)	\$157 778 (\$78 965-\$272 839)
Yemen	\$3 994 (\$1 775-\$6 677)	\$86 362 (\$47 006-\$145 860)	\$90 357 (\$51 070-\$150 243)
South Asia	\$1 354 127 (\$623 868-\$2 255 682)	\$17 641 661 (\$11 292 806-\$23 473 416)	\$18 995 788 (\$12 820 676-\$25 044 262)
Bangladesh	\$112 089 (\$51 350-\$186 819)	\$4 661 536 (\$3 140 844-\$6 113 178)	\$4 773 625 (\$3 271 978-\$6 224 221)
Bhutan	\$1 250 (\$576-\$2 078)	\$41 082 (\$26 470-\$55 544)	\$42 331 (\$27 815-\$56 731)
India	\$1 168 945 (\$539 412-\$1 947 717)	\$9 927 349 (\$6 164 348-\$13 380 752)	\$11 096 294 (\$7 400 329-\$14 777 560)
Nepal	\$11 245 (\$5 293-\$18 858)	\$546 750 (\$330 093-\$814 796)	\$557 995 (\$339 297-\$824 431)
Pakistan	\$60 598 (\$27 247-\$101 090)	\$2 464 944 (\$1 563 714-\$3 456 233)	\$2 525 542 (\$1 623 052-\$3 539 456)
East Asia	\$26 533 864 (\$13 471 189-\$43 852 457)	\$105 293 690 (\$55 142 683-\$160 716 007)	\$131 827 554 (\$78 290 708-\$192 193 584)
China	\$24 280 556 (\$12 512 880-\$39 981 260)	\$101 688 064 (\$53 612 933-\$154 973 198)	\$125 968 620 (\$74 701 567-\$184 319 553)
Democratic People's Republic of Korea	\$1 645 (\$831-\$2 771)	\$119 933 (\$65 910-\$173 280)	\$121 578 (\$68 713-\$175 465)
Taiwan (Province of China)	\$2 251 662 (\$974 061-\$3 801 365)	\$3 485 694 (\$1 582 234-\$5 868 255)	\$5 737 356 (\$3 412 113-\$8 412 894)
Oceania	\$7 577 (\$3 452-\$12 559)	\$107 375 (\$60 758-\$153 687)	\$114 952 (\$69 334-\$162 537)
American Samoa	\$138 (\$66-\$230)	\$1 333 (\$563-\$2 308)	\$1 472 (\$684-\$2 468)
Cook Islands	\$273 (\$130-\$459)	\$1 760 (\$725-\$3 035)	\$2 033 (\$1 010-\$3 318)
Fiji	\$1 513 (\$715-\$2 509)	\$22 281 (\$10 436-\$34 677)	\$23 794 (\$12 170-\$36 406)

Guam	\$2 921 (\$1 325-\$4 954)	\$11 385 (\$4 347-\$20 761)	\$14 306 (\$7 097-\$24 305)
Kiribati	\$15 (\$8-\$25)	\$434 (\$250-\$623)	\$450 (\$268-\$639)
Marshall Islands	\$17 (\$8-\$28)	\$296 (\$161-\$428)	\$313 (\$179-\$449)
Micronesia (Federated States of)	\$27 (\$13-\$45)	\$686 (\$339-\$1 102)	\$713 (\$367-\$1 130)
Nauru	\$7 (\$3-\$11)	\$79 (\$40-\$121)	\$86 (\$46-\$129)
Niue	\$15 (\$7-\$25)	\$96 (\$42-\$155)	\$110 (\$59-\$175)
Northern Mariana Islands	\$223 (\$101-\$373)	\$1 563 (\$612-\$2 779)	\$1 786 (\$813-\$3 037)
Palau	\$80 (\$40-\$134)	\$591 (\$237-\$1 027)	\$671 (\$311-\$1 120)
Papua New Guinea	\$1 933 (\$874-\$3 223)	\$56 639 (\$36 629-\$76 883)	\$58 572 (\$38 377-\$79 040)
Samoa	\$163 (\$81-\$271)	\$2 570 (\$1 370-\$3 812)	\$2 733 (\$1 558-\$4 018)
Solomon Islands	\$73 (\$34-\$121)	\$2 555 (\$1 454-\$4 010)	\$2 628 (\$1 535-\$4 070)
Tokelau	\$5 (\$3-\$9)	\$44 (\$18-\$76)	\$49 (\$23-\$83)
Tonga	\$99 (\$48-\$166)	\$2 774 (\$1 455-\$4 205)	\$2 873 (\$1 569-\$4 335)
Tuvalu	\$11 (\$6-\$19)	\$85 (\$46-\$131)	\$97 (\$56-\$145)
Vanuatu	\$65 (\$30-\$107)	\$2 202 (\$1 328-\$3 180)	\$2 267 (\$1 397-\$3 263)
Southeast Asia	\$2 280 350 (\$1 109 594-\$3 748 052)	\$16 482 073 (\$7 213 740-\$28 243 696)	\$18 762 423 (\$9 572 152-\$30 588 032)
Cambodia	\$6 685 (\$3 277-\$11 018)	\$448 310 (\$225 684-\$670 637)	\$454 996 (\$233 999-\$678 903)

Indonesia	\$370 762 (\$172 758-\$618 529)	\$3 802 487 (\$1 612 539-\$6 500 345)	\$4 173 249 (\$1 990 849-\$6 905 573)
Lao People's Democratic Republic	\$3 802 (\$1 722-\$6 332)	\$129 621 (\$61 538-\$210 609)	\$133 423 (\$65 078-\$213 952)
Malaysia	\$184 520 (\$86 239-\$309 325)	\$1 126 451 (\$411 681-\$2 189 696)	\$1 310 972 (\$582 319-\$2 361 665)
Maldives	\$1 659 (\$784-\$2 750)	\$12 229 (\$4 899-\$21 655)	\$13 889 (\$6 458-\$23 331)
Mauritius	\$10 044 (\$5 008-\$16 731)	\$48 451 (\$18 919-\$90 138)	\$58 495 (\$28 729-\$100 588)
Myanmar	\$32 246 (\$16 046-\$53 712)	\$1 275 560 (\$581 451-\$2 112 206)	\$1 307 806 (\$616 353-\$2 143 084)
Philippines	\$111 178 (\$52 806-\$184 104)	\$2 086 729 (\$865 725-\$3 585 371)	\$2 197 907 (\$996 481-\$3 706 205)
Seychelles	\$743 (\$354-\$1 238)	\$4 489 (\$1 718-\$8 734)	\$5 232 (\$2 468-\$9 427)
Sri Lanka	\$63 807 (\$31 331-\$104 825)	\$381 051 (\$149 160-\$685 574)	\$444 858 (\$209 140-\$758 674)
Thailand	\$1 330 826 (\$655 853-\$2 173 348)	\$4 445 888 (\$2 026 158-\$7 762 302)	\$5 776 714 (\$3 102 783-\$9 312 739)
Timor-Leste	\$480 (\$235-\$795)	\$18 563 (\$9 755-\$27 933)	\$19 043 (\$10 177-\$28 464)
Viet Nam	\$163 598 (\$81 204-\$268 118)	\$2 702 243 (\$1 145 825-\$4 685 468)	\$2 865 841 (\$1 310 249-\$4 827 945)
Central Sub-Saharan Africa	\$26 144 (\$11 586-\$43 735)	\$1 024 744 (\$713 335-\$1 334 356)	\$1 050 888 (\$735 339-\$1 365 122)
Angola	\$10 691 (\$4 668-\$17 959)	\$408 118 (\$280 016-\$540 357)	\$418 809 (\$291 670-\$553 474)
Central African Republic	\$243 (\$117-\$401)	\$22 159 (\$14 253-\$30 989)	\$22 402 (\$14 466-\$31 198)
Congo	\$2 048 (\$939-\$3 372)	\$46 605 (\$24 435-\$73 126)	\$48 653 (\$26 541-\$75 173)
Democratic Republic of the Congo	\$4 939 (\$2 264-\$8 161)	\$468 725 (\$342 344-\$597 226)	\$473 664 (\$345 985-\$602 314)

Equatorial Guinea	\$2 870 (\$1 240-\$4 869)	\$39 043 (\$19 600-\$59 193)	\$41 913 (\$22 057-\$63 096)
Gabon	\$5 353 (\$2 397-\$8 908)	\$40 094 (\$20 816-\$61 639)	\$45 447 (\$25 922-\$67 810)
Eastern Sub-Saharan Africa	\$51 038 (\$23 325-\$84 334)	\$4 684 701 (\$3 314 348-\$6 075 552)	\$4 735 740 (\$3 349 436-\$6 135 301)
Burundi	\$347 (\$169-\$572)	\$83 676 (\$62 827-\$106 115)	\$84 022 (\$63 123-\$106 443)
Comoros	\$308 (\$151-\$505)	\$12 205 (\$8 085-\$16 479)	\$12 513 (\$8 410-\$16 844)
Djibouti	\$456 (\$199-\$766)	\$11 398 (\$7 288-\$15 846)	\$11 854 (\$7 727-\$16 334)
Eritrea	\$456 (\$202-\$765)	\$67 901 (\$45 557-\$89 547)	\$68 358 (\$45 998-\$90 069)
Ethiopia	\$11 379 (\$5 146-\$18 996)	\$1 096 625 (\$819 035-\$1 425 885)	\$1 108 004 (\$827 508-\$1 437 230)
Kenya	\$15 130 (\$6 878-\$25 060)	\$596 953 (\$374 777-\$812 048)	\$612 083 (\$393 459-\$831 627)
Madagascar	\$1 593 (\$722-\$2 636)	\$335 551 (\$241 565-\$427 697)	\$337 145 (\$243 253-\$429 837)
Malawi	\$1 248 (\$601-\$2 055)	\$156 939 (\$112 840-\$205 341)	\$158 187 (\$114 120-\$206 673)
Mozambique	\$1 541 (\$722-\$2 539)	\$246 998 (\$187 261-\$313 653)	\$248 539 (\$188 742-\$315 600)
Rwanda	\$1 707 (\$820-\$2 814)	\$142 223 (\$98 354-\$185 264)	\$143 930 (\$100 461-\$187 388)
Somalia	\$173 (\$79-\$289)	\$62 016 (\$44 100-\$81 531)	\$62 189 (\$44 286-\$81 772)
South Sudan	\$437 (\$209-\$717)	\$63 771 (\$43 003-\$84 613)	\$64 208 (\$43 555-\$85 073)
Uganda	\$4 467 (\$2 049-\$7 410)	\$435 966 (\$311 467-\$561 630)	\$440 433 (\$314 592-\$566 224)
United Republic of Tanzania	\$9 309 (\$4 296-\$15 428)	\$1 109 345 (\$775 802-\$1 420 510)	\$1 118 654 (\$784 189-\$1 431 642)

Zambia	\$2 487 (\$1 135-\$4 132)	\$263 134 (\$168 724-\$363 768)	\$265 621 (\$170 773-\$366 996)
Southern Sub-Saharan Africa	\$217 067 (\$104 939-\$359 855)	\$2 070 490 (\$1 100 849-\$2 999 810)	\$2 287 558 (\$1 324 266-\$3 267 040)
Botswana	\$5 660 (\$2 576-\$9 477)	\$48 780 (\$25 353-\$74 629)	\$54 440 (\$30 579-\$81 270)
Eswatini	\$1 018 (\$468-\$1 690)	\$21 218 (\$12 110-\$30 510)	\$22 236 (\$12 955-\$32 015)
Lesotho	\$602 (\$300-\$993)	\$33 803 (\$20 386-\$47 846)	\$34 405 (\$21 099-\$48 480)
Namibia	\$4 060 (\$1 937-\$6 799)	\$58 422 (\$31 772-\$84 643)	\$62 482 (\$35 477-\$90 322)
South Africa	\$202 569 (\$97 877-\$336 531)	\$1 667 412 (\$860 166-\$2 455 985)	\$1 869 981 (\$1 065 523-\$2 718 474)
Zimbabwe	\$3 159 (\$1 404-\$5 262)	\$240 855 (\$157 442-\$326 706)	\$244 014 (\$159 421-\$331 570)
Western Sub-Saharan Africa	\$96 374 (\$43 718-\$160 375)	\$4 796 564 (\$3 296 218-\$6 223 886)	\$4 892 938 (\$3 394 909-\$6 358 046)
Benin	\$2 001 (\$901-\$3 320)	\$149 676 (\$109 497-\$192 326)	\$151 677 (\$111 385-\$194 624)
Burkina Faso	\$2 450 (\$1 135-\$4 023)	\$265 320 (\$192 607-\$354 025)	\$267 769 (\$194 802-\$356 254)
Cabo Verde	\$866 (\$414-\$1 430)	\$21 236 (\$13 178-\$29 118)	\$22 102 (\$13 883-\$30 042)
Cameroon	\$5 602 (\$2 500-\$9 343)	\$394 589 (\$262 541-\$524 909)	\$400 191 (\$268 700-\$530 865)
Chad	\$1 014 (\$459-\$1 686)	\$97 378 (\$76 744-\$119 526)	\$98 391 (\$77 469-\$120 447)
Côte d'Ivoire	\$7 599 (\$3 380-\$12 607)	\$158 809 (\$110 748-\$210 115)	\$166 408 (\$117 179-\$218 927)
Gambia	\$275 (\$128-\$451)	\$21 173 (\$14 721-\$27 414)	\$21 448 (\$14 961-\$27 865)
Ghana	\$11 774 (\$5 324-\$19 642)	\$633 013 (\$376 846-\$882 661)	\$644 787 (\$390 499-\$902 308)

Guinea	\$2 349 (\$1 070-\$3 909)	\$159 887 (\$114 060-\$212 149)	\$162 236 (\$116 051-\$214 193)
Guinea-Bissau	\$166 (\$80-\$274)	\$16 078 (\$11 827-\$20 432)	\$16 244 (\$11 943-\$20 641)
Liberia	\$331 (\$161-\$543)	\$38 441 (\$28 382-\$48 826)	\$38 772 (\$28 705-\$49 114)
Mali	\$2 668 (\$1 210-\$4 463)	\$86 741 (\$68 059-\$107 462)	\$89 409 (\$70 011-\$110 260)
Mauritania	\$1 988 (\$916-\$3 296)	\$50 525 (\$34 848-\$66 107)	\$52 513 (\$36 265-\$68 754)
Niger	\$975 (\$456-\$1 614)	\$167 669 (\$130 260-\$212 561)	\$168 644 (\$131 195-\$213 284)
Nigeria	\$50 818 (\$23 011-\$84 827)	\$2 133 736 (\$1 394 272-\$2 818 098)	\$2 184 554 (\$1 448 290-\$2 880 401)
Sao Tome and Principe	\$80 (\$39-\$132)	\$3 612 (\$2 220-\$5 109)	\$3 692 (\$2 307-\$5 201)
Senegal	\$3 952 (\$1 824-\$6 552)	\$219 974 (\$161 534-\$279 545)	\$223 926 (\$165 414-\$284 148)
Sierra Leone	\$673 (\$329-\$1 101)	\$77 064 (\$55 661-\$100 253)	\$77 736 (\$56 284-\$100 954)
Togo	\$794 (\$378-\$1 322)	\$101 645 (\$71 315-\$131 831)	\$102 440 (\$71 880-\$132 836)

Supplementary Table 25. Direct, indirect, and total cost per person and per case in PPP (2019)

	Direct cost attributable to dementia per person (PPP)	Indirect cost per person	Total cost per person	Direct cost per case	Indirect cost per case	Total cost per case
Central Asia	\$2.71 (\$1.36-\$4.49)	\$38.31 (\$20.33-\$56.34)	\$41.02 (\$23.31-\$59.45)	\$648.86 (\$329.33-\$1 077.41)	\$9 162.44 (\$4 932.16-\$13 162.43)	\$9 811.29 (\$5 555.47-\$13 810.77)
Armenia	\$7.35 (\$3.93-\$12.39)	\$77.78 (\$40.71-\$117.15)	\$85.12 (\$48.00-\$125.62)	\$702.06 (\$380.09-\$1 160.00)	\$7 430.34 (\$3 824.11-\$10 774.66)	\$8 132.40 (\$4 597.61-\$11 591.47)

Azerbaijan	\$2.62 (\$1.27-\$4.35)	\$51.03 (\$26.10-\$78.18)	\$53.64 (\$28.33-\$80.86)	\$595.22 (\$300.54-\$983.76)	\$11 614.61 (\$6 001.63-\$17 056.89)	\$12 209.82 (\$6 638.18-\$17 636.90)
Georgia	\$10.67 (\$5.59-\$17.75)	\$67.39 (\$33.30-\$104.19)	\$78.06 (\$43.84-\$116.79)	\$710.88 (\$384.68-\$1 170.32)	\$4 488.29 (\$2 260.16-\$6 643.43)	\$5 199.17 (\$2 913.81-\$7 452.43)
Kazakhstan	\$6.60 (\$3.15-\$11.02)	\$63.24 (\$31.06-\$95.51)	\$69.83 (\$38.46-\$103.10)	\$1 175.83 (\$583.96-\$1 945.06)	\$11 268.98 (\$5 815.67-\$16 787.53)	\$12 444.81 (\$6 890.75-\$17 857.32)
Kyrgyzstan	\$0.59 (\$0.30-\$0.98)	\$41.66 (\$24.51-\$58.99)	\$42.25 (\$25.20-\$59.66)	\$142.16 (\$74.66-\$234.22)	\$10 045.47 (\$5 808.82-\$13 828.29)	\$10 187.63 (\$5 991.24-\$13 950.55)
Mongolia	\$1.47 (\$0.71-\$2.44)	\$32.38 (\$17.86-\$46.87)	\$33.85 (\$18.99-\$48.75)	\$464.81 (\$231.42-\$767.41)	\$10 215.74 (\$5 758.12-\$14 476.43)	\$10 680.55 (\$6 207.71-\$14 879.98)
Tajikistan	\$0.16 (\$0.08-\$0.26)	\$6.71 (\$4.31-\$9.30)	\$6.87 (\$4.45-\$9.57)	\$73.87 (\$38.69-\$121.67)	\$3 094.00 (\$1 959.69-\$4 202.44)	\$3 167.88 (\$2 036.19-\$4 275.52)
Turkmenistan	\$3.50 (\$1.75-\$5.80)	\$35.85 (\$17.69-\$58.16)	\$39.35 (\$21.08-\$61.65)	\$793.44 (\$401.90-\$1 312.33)	\$8 135.47 (\$4 175.11-\$12 730.55)	\$8 928.91 (\$4 920.40-\$13 579.19)
Uzbekistan	\$0.48 (\$0.23-\$0.79)	\$23.33 (\$11.84-\$36.33)	\$23.81 (\$12.33-\$36.90)	\$213.86 (\$108.47-\$353.78)	\$10 447.45 (\$5 512.81-\$16 017.14)	\$10 661.31 (\$5 717.42-\$16 223.63)
Central Europe	\$36.83 (\$19.02-\$61.72)	\$156.28 (\$84.45-\$229.17)	\$193.10 (\$118.93-\$271.94)	\$2 133.82 (\$1 129.47-\$3 515.81)	\$9 050.19 (\$4 935.94-\$12 958.88)	\$11 184.02 (\$6 958.15-\$15 287.79)
Albania	\$9.44 (\$4.91-\$15.96)	\$119.88 (\$69.49-\$167.62)	\$129.32 (\$80.29-\$179.14)	\$715.27 (\$386.17-\$1 181.30)	\$9 077.03 (\$5 297.82-\$12 279.14)	\$9 792.30 (\$6 054.64-\$13 095.12)
Bosnia and Herzegovina	\$12.00 (\$6.28-\$20.16)	\$83.63 (\$48.45-\$118.93)	\$95.64 (\$59.26-\$133.84)	\$832.84 (\$454.82-\$1 383.20)	\$5 798.93 (\$3 416.82-\$8 016.07)	\$6 631.77 (\$4 214.27-\$8 985.35)
Bulgaria	\$31.18 (\$16.35-\$52.14)	\$185.29 (\$101.19-\$266.84)	\$216.46 (\$130.60-\$306.00)	\$1 657.09 (\$891.48-\$2 750.11)	\$9 843.75 (\$5 438.15-\$13 979.69)	\$11 500.84 (\$7 030.43-\$15 819.58)
Croatia	\$40.02 (\$20.77-\$67.91)	\$206.05 (\$107.37-\$310.99)	\$246.08 (\$145.91-\$357.63)	\$2 013.99 (\$1 072.03-\$3 344.69)	\$10 364.67 (\$5 382.80-\$15 312.18)	\$12 378.66 (\$7 294.02-\$17 364.23)
Czechia	\$94.54 (\$49.07-\$156.27)	\$222.03 (\$109.28-\$339.11)	\$316.57 (\$196.86-\$451.87)	\$5 113.40 (\$2 764.85-\$8 393.29)	\$12 007.61 (\$6 049.97-\$17 900.02)	\$17 121.01 (\$10 738.68-\$23 650.08)

Hungary	\$9.47 (\$4.94-\$16.09)	\$147.00 (\$76.07-\$218.64)	\$156.47 (\$86.47-\$230.67)	\$496.81 (\$261.65-\$825.03)	\$7 705.40 (\$4 059.55-\$11 287.38)	\$8 202.21 (\$4 516.63-\$11 723.06)
Montenegro	\$16.58 (\$8.63-\$28.02)	\$126.43 (\$61.33-\$196.41)	\$143.01 (\$76.40-\$217.86)	\$1 316.63 (\$710.48-\$2 183.35)	\$10 037.47 (\$5 067.10-\$15 361.21)	\$11 354.10 (\$6 520.29-\$16 749.96)
North Macedonia	\$9.41 (\$4.89-\$15.83)	\$80.82 (\$43.80-\$116.91)	\$90.23 (\$53.65-\$130.63)	\$932.09 (\$504.02-\$1 536.09)	\$8 000.33 (\$4 431.09-\$11 392.22)	\$8 932.42 (\$5 343.74-\$12 331.71)
Poland	\$39.64 (\$20.26-\$66.24)	\$164.42 (\$94.51-\$235.19)	\$204.06 (\$131.57-\$283.23)	\$2 306.30 (\$1 212.67-\$3 825.46)	\$9 560.19 (\$5 475.29-\$13 359.19)	\$11 866.49 (\$7 595.91-\$15 801.28)
Romania	\$36.35 (\$18.82-\$61.84)	\$150.79 (\$82.10-\$218.81)	\$187.14 (\$116.73-\$266.18)	\$2 002.36 (\$1 059.31-\$3 319.85)	\$8 300.90 (\$4 546.24-\$11 795.89)	\$10 303.26 (\$6 402.07-\$13 979.77)
Serbia	\$16.51 (\$8.52-\$27.92)	\$81.83 (\$43.20-\$121.23)	\$98.33 (\$58.77-\$142.73)	\$1 120.78 (\$605.20-\$1 853.42)	\$5 554.95 (\$2 948.47-\$8 068.17)	\$6 675.73 (\$4 012.80-\$9 290.93)
Slovakia	\$35.24 (\$17.76-\$59.37)	\$130.87 (\$65.44-\$197.49)	\$166.11 (\$98.75-\$239.93)	\$2 434.90 (\$1 279.98-\$4 042.45)	\$9 041.03 (\$4 590.09-\$13 516.65)	\$11 475.93 (\$6 834.40-\$15 957.66)
Slovenia	\$32.76 (\$16.71-\$55.41)	\$194.29 (\$94.55-\$302.55)	\$227.05 (\$131.32-\$341.78)	\$1 511.87 (\$794.65-\$2 519.17)	\$8 965.16 (\$4 426.24-\$13 694.86)	\$10 477.03 (\$5 953.31-\$15 090.01)
Eastern Europe	\$19.46 (\$10.00-\$32.52)	\$106.48 (\$48.44-\$172.48)	\$125.94 (\$69.21-\$194.37)	\$1 402.27 (\$737.45-\$2 324.85)	\$7 670.06 (\$3 630.72-\$12 059.24)	\$9 072.33 (\$4 993.90-\$13 382.28)
Belarus	\$14.51 (\$7.47-\$24.12)	\$122.74 (\$55.18-\$202.99)	\$137.25 (\$68.30-\$219.98)	\$991.55 (\$528.45-\$1 639.00)	\$8 380.59 (\$3 712.36-\$13 620.47)	\$9 372.14 (\$4 783.32-\$14 556.36)
Estonia	\$61.95 (\$31.29-\$104.61)	\$181.50 (\$80.49-\$303.18)	\$243.44 (\$137.65-\$371.55)	\$3 055.46 (\$1 604.68-\$5 080.30)	\$8 950.57 (\$4 023.67-\$14 696.24)	\$12 006.03 (\$6 823.20-\$17 657.09)
Latvia	\$50.00 (\$25.58-\$84.81)	\$173.19 (\$78.93-\$289.76)	\$223.19 (\$122.77-\$346.81)	\$2 434.21 (\$1 278.83-\$4 043.36)	\$8 430.74 (\$3 752.74-\$13 812.54)	\$10 864.94 (\$6 107.97-\$16 372.13)
Lithuania	\$62.59 (\$31.75-\$105.40)	\$164.41 (\$70.62-\$278.20)	\$227.00 (\$128.21-\$349.73)	\$3 086.19 (\$1 621.14-\$5 128.99)	\$8 105.08 (\$3 554.90-\$13 501.51)	\$11 191.27 (\$6 379.72-\$16 601.23)
Republic of Moldova	\$6.77 (\$3.54-\$11.31)	\$77.04 (\$37.29-\$119.25)	\$83.81 (\$43.70-\$126.80)	\$532.15 (\$286.85-\$877.73)	\$6 054.39 (\$2 862.93-\$9 216.54)	\$6 586.54 (\$3 404.08-\$9 784.62)

Russian Federation	\$21.08 (\$10.77-\$35.17)	\$104.97 (\$47.91-\$169.52)	\$126.04 (\$70.26-\$195.27)	\$1 575.09 (\$827.81-\$2 614.90)	\$7 842.91 (\$3 688.10-\$12 399.64)	\$9 417.99 (\$5 183.13-\$13 855.23)
Ukraine	\$10.88 (\$5.70-\$18.33)	\$101.64 (\$48.93-\$160.01)	\$112.52 (\$59.57-\$173.62)	\$746.15 (\$403.72-\$1 232.06)	\$6 968.00 (\$3 399.23-\$10 549.31)	\$7 714.15 (\$4 149.39-\$11 306.24)
Australasia	\$150.45 (\$74.20-\$255.15)	\$257.63 (\$107.75-\$430.22)	\$408.08 (\$237.88-\$612.09)	\$10 550.13 (\$5 301.51-\$17 810.78)	\$18 067.34 (\$7 883.13-\$30 304.95)	\$28 617.47 (\$16 713.58-\$41 702.82)
Australia	\$153.84 (\$75.94-\$261.03)	\$271.50 (\$113.89-\$453.06)	\$425.34 (\$248.26-\$637.33)	\$10 861.18 (\$5 459.49-\$18 333.66)	\$19 168.40 (\$8 361.55-\$32 143.56)	\$30 029.58 (\$17 455.25-\$43 682.37)
New Zealand	\$131.89 (\$62.72-\$222.46)	\$181.85 (\$76.59-\$312.68)	\$313.74 (\$182.54-\$475.54)	\$8 921.22 (\$4 465.81-\$15 055.41)	\$12 301.62 (\$5 352.80-\$20 890.41)	\$21 222.84 (\$12 325.73-\$31 267.09)
High-income Asia Pacific	\$259.47 (\$129.84-\$435.46)	\$217.72 (\$100.88-\$375.25)	\$477.19 (\$289.84-\$709.35)	\$9 832.31 (\$4 974.14-\$16 446.69)	\$8 250.12 (\$3 822.09-\$14 305.74)	\$18 082.43 (\$10 970.04-\$26 398.81)
Brunei Darussalam	\$20.29 (\$8.78-\$34.50)	\$31.05 (\$12.26-\$54.91)	\$51.34 (\$28.63-\$79.33)	\$7 478.98 (\$3 318.24-\$12 555.31)	\$11 452.86 (\$4 661.27-\$20 179.46)	\$18 931.83 (\$10 753.39-\$28 356.48)
Japan	\$359.96 (\$179.48-\$603.78)	\$232.49 (\$105.97-\$411.12)	\$592.44 (\$355.32-\$891.62)	\$10 881.91 (\$5 483.32-\$18 177.26)	\$7 026.82 (\$3 181.08-\$12 467.17)	\$17 908.73 (\$10 767.88-\$26 126.43)
Republic of Korea	\$45.82 (\$23.33-\$76.68)	\$194.17 (\$95.30-\$308.70)	\$239.99 (\$133.63-\$362.54)	\$3 685.23 (\$1 854.69-\$6 220.93)	\$15 603.81 (\$7 648.15-\$24 346.80)	\$19 289.04 (\$11 010.91-\$28 488.02)
Singapore	\$25.09 (\$11.82-\$41.98)	\$120.92 (\$53.14-\$213.41)	\$146.01 (\$75.07-\$239.22)	\$2 863.87 (\$1 381.68-\$4 808.65)	\$13 798.59 (\$6 180.25-\$24 029.74)	\$16 662.46 (\$8 697.05-\$27 190.44)
High-income North America	\$309.35 (\$157.47-\$470.52)	\$319.58 (\$181.80-\$489.34)	\$628.93 (\$419.05-\$840.07)	\$18 790.53 (\$9 764.18-\$28 037.58)	\$19 408.98 (\$11 027.44-\$29 335.50)	\$38 199.51 (\$25 642.36-\$50 569.64)
Canada	\$57.63 (\$26.27-\$97.54)	\$254.13 (\$109.39-\$425.95)	\$311.77 (\$166.71-\$485.53)	\$3 602.39 (\$1 669.91-\$6 121.17)	\$15 880.16 (\$6 764.93-\$26 264.16)	\$19 482.55 (\$10 432.90-\$29 540.92)
Greenland	\$72.08 (\$31.11-\$123.03)	\$97.39 (\$43.70-\$158.82)	\$169.47 (\$101.17-\$248.71)	\$9 519.91 (\$4 284.79-\$16 275.86)	\$12 864.83 (\$5 878.83-\$20 452.89)	\$22 384.75 (\$13 413.20-\$31 881.55)
United States of America	\$337.41 (\$172.08-\$512.77)	\$326.91 (\$189.78-\$498.99)	\$664.32 (\$447.18-\$882.85)	\$20 428.71 (\$10 607.98-\$30 306.11)	\$19 790.00 (\$11 486.64-\$29 754.82)	\$40 218.71 (\$27 224.60-\$52 866.86)

Southern Latin America	\$19.75 (\$9.62-\$33.21)	\$61.13 (\$31.20-\$95.19)	\$80.88 (\$48.50-\$117.52)	\$2 069.39 (\$1 033.57-\$3 443.09)	\$6 403.73 (\$3 272.33-\$9 745.81)	\$8 473.12 (\$5 036.35-\$11 936.25)
Argentina	\$22.13 (\$10.81-\$37.31)	\$56.91 (\$29.36-\$87.05)	\$79.04 (\$47.67-\$113.52)	\$2 412.97 (\$1 206.14-\$4 014.20)	\$6 205.60 (\$3 257.20-\$9 317.45)	\$8 618.57 (\$5 336.04-\$12 023.80)
Chile	\$12.26 (\$5.87-\$20.79)	\$66.23 (\$29.97-\$104.85)	\$78.50 (\$42.73-\$118.83)	\$1 272.53 (\$626.07-\$2 132.20)	\$6 872.54 (\$3 242.01-\$10 887.65)	\$8 145.07 (\$4 453.74-\$11 977.12)
Uruguay	\$28.22 (\$13.59-\$47.35)	\$89.40 (\$44.64-\$138.51)	\$117.62 (\$70.43-\$169.53)	\$2 019.53 (\$1 013.97-\$3 386.22)	\$6 397.94 (\$3 190.83-\$9 707.00)	\$8 417.47 (\$5 083.86-\$11 620.68)
Western Europe	\$205.06 (\$97.42-\$342.46)	\$213.26 (\$104.16-\$345.76)	\$418.32 (\$261.85-\$603.31)	\$11 303.95 (\$5 574.84-\$18 710.80)	\$11 752.39 (\$5 566.16-\$18 914.53)	\$23 056.34 (\$14 308.72-\$32 647.52)
Andorra	\$98.67 (\$45.10-\$167.92)	\$195.31 (\$84.38-\$325.45)	\$293.97 (\$167.98-\$443.32)	\$7 631.34 (\$3 537.36-\$12 871.59)	\$15 105.98 (\$6 585.78-\$24 978.76)	\$22 737.32 (\$13 193.11-\$33 108.20)
Austria	\$159.85 (\$73.30-\$273.59)	\$247.69 (\$103.44-\$412.16)	\$407.54 (\$244.32-\$597.03)	\$9 638.06 (\$4 542.31-\$16 286.20)	\$14 930.79 (\$6 407.11-\$24 544.40)	\$24 568.85 (\$14 639.59-\$34 869.59)
Belgium	\$272.97 (\$125.34-\$467.47)	\$206.26 (\$84.71-\$370.45)	\$479.23 (\$282.76-\$736.81)	\$16 166.75 (\$7 678.47-\$27 280.68)	\$12 210.78 (\$4 871.40-\$21 706.84)	\$28 377.53 (\$16 439.43-\$42 127.83)
Cyprus	\$40.12 (\$18.11-\$68.74)	\$110.12 (\$47.63-\$182.88)	\$150.24 (\$84.60-\$230.34)	\$4 228.10 (\$1 968.47-\$7 099.58)	\$11 600.45 (\$5 239.01-\$19 108.50)	\$15 828.55 (\$9 003.52-\$23 245.72)
Denmark	\$137.52 (\$60.41-\$237.21)	\$202.83 (\$79.63-\$364.76)	\$340.35 (\$193.19-\$515.24)	\$9 527.00 (\$4 355.50-\$16 211.26)	\$14 050.67 (\$5 617.43-\$25 089.65)	\$23 577.67 (\$13 323.10-\$35 206.33)
Finland	\$152.77 (\$72.95-\$263.00)	\$202.81 (\$83.02-\$353.58)	\$355.59 (\$209.97-\$535.40)	\$8 391.60 (\$4 151.01-\$14 199.78)	\$11 136.95 (\$4 680.06-\$19 365.45)	\$19 528.55 (\$11 304.61-\$28 501.35)
France	\$162.43 (\$84.32-\$271.43)	\$177.40 (\$77.75-\$308.70)	\$339.83 (\$201.96-\$507.62)	\$8 884.90 (\$4 676.74-\$14 846.77)	\$9 701.10 (\$4 230.78-\$16 590.95)	\$18 586.00 (\$11 023.32-\$27 479.79)
Germany	\$233.96 (\$102.49-\$397.65)	\$210.86 (\$89.00-\$375.34)	\$444.82 (\$256.71-\$667.24)	\$11 558.52 (\$5 321.40-\$19 520.89)	\$10 414.01 (\$4 389.55-\$18 547.06)	\$21 972.53 (\$12 565.87-\$32 376.37)
Greece	\$70.57 (\$34.27-\$120.76)	\$153.82 (\$76.80-\$239.78)	\$224.38 (\$136.76-\$325.11)	\$3 488.79 (\$1 740.71-\$5 887.26)	\$7 602.56 (\$3 862.49-\$11 465.15)	\$11 091.34 (\$6 754.24-\$15 616.26)

Iceland	\$123.02 (\$54.78-\$211.62)	\$220.85 (\$88.85-\$385.94)	\$343.88 (\$193.42-\$521.49)	\$9 619.70 (\$4 395.20-\$16 247.30)	\$17 271.84 (\$7 135.53-\$30 171.84)	\$26 891.54 (\$15 103.93-\$39 925.69)
Ireland	\$55.60 (\$24.03-\$95.26)	\$210.81 (\$106.71-\$321.29)	\$266.40 (\$160.56-\$379.56)	\$5 037.96 (\$2 253.10-\$8 663.21)	\$19 096.75 (\$9 720.25-\$28 872.11)	\$24 134.71 (\$14 570.57-\$33 531.47)
Israel	\$52.67 (\$24.03-\$88.01)	\$101.48 (\$43.11-\$177.20)	\$154.16 (\$91.29-\$228.40)	\$5 683.64 (\$2 711.84-\$9 346.86)	\$10 948.13 (\$4 754.58-\$18 725.38)	\$16 631.77 (\$9 820.31-\$23 902.21)
Italy	\$403.26 (\$191.07-\$689.98)	\$314.02 (\$160.30-\$485.99)	\$717.28 (\$449.45-\$1 049.90)	\$16 446.74 (\$8 026.21-\$27 889.27)	\$12 801.17 (\$6 744.64-\$18 936.41)	\$29 247.91 (\$18 433.16-\$41 816.39)
Luxembourg	\$263.79 (\$116.34-\$449.92)	\$183.90 (\$74.94-\$322.83)	\$447.69 (\$258.12-\$661.96)	\$23 676.21 (\$10 403.69-\$40 674.76)	\$16 510.43 (\$6 931.51-\$28 753.20)	\$40 186.63 (\$23 277.17-\$57 587.44)
Malta	\$112.26 (\$52.04-\$191.58)	\$204.81 (\$93.67-\$330.54)	\$317.07 (\$187.53-\$468.84)	\$6 927.92 (\$3 388.34-\$11 692.18)	\$12 638.12 (\$5 908.66-\$20 152.69)	\$19 566.03 (\$11 531.63-\$28 197.99)
Monaco	\$892.83 (\$378.84-\$1 531.73)	\$258.94 (\$103.55-\$476.67)	\$1 151.77 (\$614.43-\$1 789.00)	\$41 662.25 (\$17 514.12-\$70 924.91)	\$12 086.64 (\$4 788.07-\$22 089.26)	\$53 748.89 (\$28 585.32-\$82 191.32)
Netherlands	\$309.26 (\$177.88-\$481.65)	\$203.87 (\$92.78-\$351.16)	\$513.13 (\$325.63-\$730.17)	\$18 851.49 (\$11 127.67-\$28 741.82)	\$12 426.48 (\$5 440.37-\$21 472.64)	\$31 277.96 (\$20 161.76-\$43 160.15)
Norway	\$114.50 (\$53.76-\$195.29)	\$194.28 (\$75.77-\$350.90)	\$308.78 (\$173.46-\$470.54)	\$7 918.63 (\$3 835.57-\$13 424.71)	\$13 433.42 (\$5 442.67-\$24 059.74)	\$21 352.06 (\$11 983.18-\$32 084.38)
Portugal	\$106.14 (\$53.85-\$177.30)	\$150.74 (\$72.96-\$234.96)	\$256.88 (\$160.87-\$370.21)	\$5 536.68 (\$2 920.17-\$9 190.55)	\$7 857.65 (\$3 814.91-\$11 975.81)	\$13 394.33 (\$8 334.52-\$18 783.06)
San Marino	\$147.83 (\$67.09-\$249.87)	\$170.48 (\$70.41-\$289.79)	\$318.31 (\$188.80-\$479.26)	\$8 903.29 (\$4 137.92-\$14 993.47)	\$10 262.24 (\$4 365.84-\$17 569.92)	\$19 165.53 (\$11 085.40-\$28 052.69)
Spain	\$111.35 (\$53.00-\$185.10)	\$181.14 (\$97.66-\$271.14)	\$292.49 (\$186.01-\$410.66)	\$6 243.80 (\$3 074.93-\$10 443.74)	\$10 153.40 (\$5 496.98-\$15 016.30)	\$16 397.20 (\$10 619.40-\$22 238.78)
Sweden	\$241.51 (\$114.71-\$371.06)	\$145.58 (\$62.63-\$259.43)	\$387.09 (\$234.36-\$556.11)	\$15 589.26 (\$7 681.11-\$23 326.61)	\$9 400.58 (\$4 140.84-\$16 349.95)	\$24 989.83 (\$15 275.83-\$34 630.61)
Switzerland	\$170.16 (\$79.39-\$288.18)	\$291.33 (\$118.46-\$520.70)	\$461.49 (\$268.45-\$696.61)	\$10 211.73 (\$5 020.93-\$16 997.36)	\$17 473.78 (\$7 158.80-\$30 756.36)	\$27 685.51 (\$16 281.99-\$40 481.11)

United Kingdom	\$152.94 (\$72.20-\$247.96)	\$222.59 (\$112.69-\$347.45)	\$375.53 (\$239.38-\$529.44)	\$11 383.14 (\$5 460.98-\$17 837.58)	\$16 563.61 (\$8 349.94-\$25 506.45)	\$27 946.76 (\$17 687.84-\$38 081.87)
Andean Latin America	\$3.26 (\$1.61-\$5.38)	\$41.07 (\$21.94-\$60.52)	\$44.33 (\$25.31-\$64.14)	\$650.16 (\$327.83-\$1 082.94)	\$8 197.64 (\$4 442.46-\$11 727.26)	\$8 847.79 (\$5 059.72-\$12 365.08)
Bolivia (Plurinational State of)	\$1.44 (\$0.72-\$2.37)	\$53.73 (\$30.43-\$75.55)	\$55.17 (\$31.78-\$77.24)	\$407.50 (\$205.96-\$675.17)	\$15 208.16 (\$8 802.06-\$20 890.69)	\$15 615.65 (\$9 199.07-\$21 325.17)
Ecuador	\$3.16 (\$1.59-\$5.25)	\$34.85 (\$18.41-\$51.55)	\$38.00 (\$21.69-\$55.59)	\$669.48 (\$338.24-\$1 111.06)	\$7 392.99 (\$3 879.68-\$10 796.09)	\$8 062.47 (\$4 514.81-\$11 456.41)
Peru	\$3.95 (\$1.95-\$6.53)	\$39.82 (\$20.51-\$59.79)	\$43.78 (\$24.83-\$63.88)	\$695.14 (\$350.22-\$1 155.96)	\$7 003.54 (\$3 704.59-\$10 210.66)	\$7 698.68 (\$4 383.19-\$10 863.91)
Caribbean	\$14.16 (\$6.84-\$23.67)	\$47.98 (\$24.85-\$72.65)	\$62.14 (\$37.42-\$89.64)	\$2 199.91 (\$1 091.66-\$3 703.25)	\$7 451.68 (\$3 868.08-\$11 204.43)	\$9 651.59 (\$5 853.66-\$13 463.74)
Antigua and Barbuda	\$11.44 (\$5.28-\$19.09)	\$39.87 (\$17.92-\$65.99)	\$51.31 (\$27.89-\$79.33)	\$1 931.55 (\$916.60-\$3 239.66)	\$6 732.93 (\$3 083.49-\$10 810.02)	\$8 664.48 (\$4 931.74-\$12 962.79)
Bahamas	\$17.88 (\$8.19-\$30.04)	\$43.90 (\$19.34-\$74.10)	\$61.78 (\$35.02-\$94.23)	\$3 502.33 (\$1 625.88-\$5 889.17)	\$8 600.42 (\$3 725.25-\$14 351.04)	\$12 102.75 (\$6 785.66-\$18 088.95)
Barbados	\$15.69 (\$7.51-\$26.36)	\$57.59 (\$25.90-\$92.68)	\$73.28 (\$40.65-\$111.56)	\$1 569.91 (\$775.88-\$2 636.09)	\$5 763.91 (\$2 639.12-\$9 078.06)	\$7 333.82 (\$4 086.94-\$10 732.10)
Belize	\$1.33 (\$0.63-\$2.21)	\$23.23 (\$12.77-\$33.60)	\$24.55 (\$14.12-\$35.33)	\$399.78 (\$194.16-\$664.89)	\$6 986.34 (\$3 823.42-\$9 927.46)	\$7 386.12 (\$4 222.20-\$10 347.05)
Bermuda	\$226.90 (\$99.51-\$389.57)	\$134.33 (\$56.03-\$235.12)	\$361.23 (\$208.18-\$543.90)	\$16 352.00 (\$7 278.84-\$28 071.81)	\$9 681.75 (\$3 985.86-\$16 954.74)	\$26 033.74 (\$14 829.89-\$37 959.88)
Cuba	\$25.03 (\$12.81-\$41.73)	\$109.01 (\$52.31-\$171.00)	\$134.05 (\$75.11-\$201.26)	\$2 418.30 (\$1 238.57-\$4 059.54)	\$10 532.44 (\$5 181.52-\$16 308.22)	\$12 950.74 (\$7 544.70-\$18 886.38)
Dominica	\$7.18 (\$3.46-\$11.92)	\$42.74 (\$18.64-\$70.14)	\$49.93 (\$25.49-\$79.74)	\$922.22 (\$458.82-\$1 539.69)	\$5 489.15 (\$2 488.61-\$8 833.33)	\$6 411.37 (\$3 421.84-\$9 776.50)
Dominican Republic	\$5.80 (\$2.72-\$9.62)	\$32.56 (\$17.93-\$46.57)	\$38.36 (\$23.54-\$53.50)	\$1 290.55 (\$624.31-\$2 154.58)	\$7 248.27 (\$4 044.38-\$10 208.51)	\$8 538.82 (\$5 217.00-\$11 590.98)

Grenada	\$6.77 (\$3.19-\$11.18)	\$38.78 (\$19.12-\$60.59)	\$45.55 (\$24.86-\$68.53)	\$1 269.44 (\$616.20-\$2 119.47)	\$7 272.54 (\$3 692.27-\$11 076.17)	\$8 541.97 (\$4 961.30-\$12 534.81)
Guyana	\$2.51 (\$1.15-\$4.16)	\$22.15 (\$11.14-\$34.68)	\$24.66 (\$13.35-\$37.59)	\$711.34 (\$344.34-\$1 182.49)	\$6 283.21 (\$3 333.65-\$9 556.43)	\$6 994.55 (\$4 012.74-\$10 351.11)
Haiti	\$0.40 (\$0.18-\$0.67)	\$7.57 (\$4.79-\$10.95)	\$7.97 (\$5.11-\$11.45)	\$181.20 (\$85.06-\$301.13)	\$3 439.16 (\$2 199.50-\$4 893.34)	\$3 620.35 (\$2 363.18-\$5 070.11)
Jamaica	\$4.53 (\$2.25-\$7.55)	\$37.30 (\$17.99-\$60.56)	\$41.83 (\$22.58-\$64.94)	\$654.75 (\$327.16-\$1 091.40)	\$5 394.34 (\$2 632.14-\$8 576.34)	\$6 049.09 (\$3 217.73-\$9 290.48)
Puerto Rico	\$60.96 (\$27.63-\$103.37)	\$55.81 (\$23.55-\$96.73)	\$116.77 (\$68.11-\$177.05)	\$4 115.89 (\$1 931.73-\$6 913.74)	\$3 769.29 (\$1 595.82-\$6 395.89)	\$7 885.18 (\$4 591.89-\$11 590.47)
Saint Kitts and Nevis	\$11.41 (\$5.23-\$19.18)	\$41.91 (\$18.83-\$70.45)	\$53.32 (\$29.45-\$83.27)	\$2 301.11 (\$1 075.07-\$3 859.37)	\$8 450.58 (\$3 853.81-\$13 870.23)	\$10 751.69 (\$5 942.78-\$16 491.18)
Saint Lucia	\$7.81 (\$3.71-\$13.01)	\$43.10 (\$21.07-\$66.77)	\$50.91 (\$27.93-\$76.93)	\$1 132.97 (\$548.55-\$1 892.29)	\$6 250.62 (\$3 182.92-\$9 504.66)	\$7 383.60 (\$4 308.52-\$10 784.89)
Saint Vincent and the Grenadines	\$5.72 (\$2.72-\$9.45)	\$41.66 (\$20.97-\$63.70)	\$47.38 (\$26.19-\$71.14)	\$902.17 (\$441.12-\$1 502.14)	\$6 575.06 (\$3 432.65-\$9 892.30)	\$7 477.23 (\$4 348.12-\$10 873.12)
Suriname	\$5.95 (\$2.96-\$9.85)	\$45.76 (\$24.60-\$67.46)	\$51.72 (\$30.26-\$74.70)	\$1 087.18 (\$547.27-\$1 809.94)	\$8 361.48 (\$4 459.93-\$11 891.77)	\$9 448.66 (\$5 543.35-\$13 181.55)
Trinidad and Tobago	\$17.68 (\$8.54-\$29.51)	\$51.33 (\$24.19-\$80.69)	\$69.02 (\$40.39-\$102.16)	\$2 397.44 (\$1 185.15-\$4 027.00)	\$6 962.04 (\$3 336.31-\$10 882.48)	\$9 359.48 (\$5 452.68-\$13 379.12)
United States Virgin Islands	\$42.72 (\$19.19-\$71.18)	\$64.63 (\$26.25-\$111.95)	\$107.35 (\$61.11-\$163.89)	\$4 410.60 (\$2 044.75-\$7 447.65)	\$6 675.01 (\$2 746.64-\$11 565.85)	\$11 085.60 (\$6 430.50-\$16 546.05)
Central Latin America	\$12.74 (\$6.51-\$21.11)	\$28.72 (\$15.50-\$41.73)	\$41.46 (\$26.41-\$57.88)	\$2 428.32 (\$1 273.59-\$4 020.93)	\$5 474.13 (\$2 989.18-\$7 707.99)	\$7 902.45 (\$5 061.82-\$10 812.05)
Colombia	\$5.18 (\$2.73-\$8.58)	\$42.56 (\$22.46-\$62.85)	\$47.74 (\$28.15-\$69.59)	\$702.33 (\$378.61-\$1 159.57)	\$5 768.74 (\$3 050.41-\$8 358.96)	\$6 471.07 (\$3 789.45-\$9 098.70)
Costa Rica	\$8.22 (\$4.28-\$13.65)	\$58.49 (\$30.53-\$87.76)	\$66.70 (\$37.84-\$97.57)	\$1 179.48 (\$628.65-\$1 958.96)	\$8 392.91 (\$4 317.59-\$12 336.85)	\$9 572.40 (\$5 606.66-\$13 602.70)

El Salvador	\$2.60 (\$1.36-\$4.34)	\$39.92 (\$24.19-\$55.09)	\$42.52 (\$27.10-\$58.15)	\$398.13 (\$215.49-\$655.93)	\$6 120.39 (\$3 731.27-\$8 189.61)	\$6 518.53 (\$4 138.46-\$8 667.86)
Guatemala	\$1.17 (\$0.59-\$1.94)	\$17.71 (\$11.41-\$23.52)	\$18.88 (\$12.48-\$25.14)	\$351.81 (\$184.63-\$581.21)	\$5 345.38 (\$3 471.81-\$6 881.32)	\$5 697.18 (\$3 850.18-\$7 259.56)
Honduras	\$0.67 (\$0.34-\$1.12)	\$22.87 (\$14.66-\$30.68)	\$23.53 (\$15.23-\$31.46)	\$223.58 (\$118.32-\$368.41)	\$7 649.68 (\$4 943.91-\$10 044.67)	\$7 873.26 (\$5 151.38-\$10 300.06)
Mexico	\$22.01 (\$11.19-\$36.55)	\$24.01 (\$12.68-\$35.18)	\$46.03 (\$29.56-\$66.08)	\$4 678.99 (\$2 452.11-\$7 773.29)	\$5 104.05 (\$2 711.11-\$7 297.41)	\$9 783.04 (\$6 276.24-\$13 572.81)
Nicaragua	\$0.67 (\$0.35-\$1.12)	\$30.68 (\$19.28-\$42.65)	\$31.35 (\$19.95-\$43.29)	\$195.31 (\$106.20-\$320.44)	\$8 924.42 (\$5 635.29-\$12 009.71)	\$9 119.72 (\$5 845.15-\$12 214.17)
Panama	\$12.90 (\$6.61-\$21.59)	\$76.86 (\$38.49-\$116.37)	\$89.76 (\$52.24-\$131.16)	\$1 990.00 (\$1 041.82-\$3 305.92)	\$11 855.89 (\$6 090.33-\$17 541.52)	\$13 845.89 (\$8 020.90-\$19 580.04)
Venezuela (Bolivarian Republic of)	\$1.67 (\$0.87-\$2.76)	\$20.03 (\$11.03-\$28.63)	\$21.69 (\$12.84-\$30.84)	\$292.07 (\$155.19-\$482.70)	\$3 511.70 (\$1 954.96-\$4 873.35)	\$3 803.76 (\$2 257.28-\$5 243.09)
Tropical Latin America	\$3.30 (\$1.74-\$5.56)	\$60.66 (\$32.28-\$89.75)	\$63.96 (\$36.31-\$93.75)	\$389.31 (\$210.43-\$645.80)	\$7 151.81 (\$3 807.48-\$10 345.43)	\$7 541.13 (\$4 209.63-\$10 680.18)
Brazil	\$3.27 (\$1.73-\$5.51)	\$60.99 (\$32.50-\$90.24)	\$64.26 (\$36.42-\$94.29)	\$381.90 (\$206.78-\$633.45)	\$7 115.26 (\$3 784.71-\$10 296.22)	\$7 497.16 (\$4 180.36-\$10 624.99)
Paraguay	\$4.19 (\$2.16-\$7.01)	\$50.33 (\$26.95-\$72.99)	\$54.52 (\$31.91-\$77.67)	\$739.71 (\$387.74-\$1 228.62)	\$8 880.26 (\$4 858.93-\$12 678.94)	\$9 619.98 (\$5 561.80-\$13 366.34)
North Africa and Middle East	\$4.88 (\$2.26-\$8.11)	\$18.03 (\$8.33-\$29.32)	\$22.91 (\$12.83-\$35.04)	\$1 055.66 (\$504.24-\$1 757.88)	\$3 902.09 (\$1 884.54-\$6 272.32)	\$4 957.75 (\$2 759.21-\$7 389.27)
Afghanistan	\$0.11 (\$0.05-\$0.18)	\$4.12 (\$2.84-\$5.47)	\$4.23 (\$2.95-\$5.58)	\$65.32 (\$30.76-\$108.40)	\$2 498.80 (\$1 768.81-\$3 239.46)	\$2 564.13 (\$1 817.35-\$3 317.00)
Algeria	\$2.60 (\$1.16-\$4.37)	\$14.56 (\$6.44-\$24.48)	\$17.17 (\$8.95-\$27.44)	\$495.55 (\$229.36-\$824.76)	\$2 773.70 (\$1 234.66-\$4 505.40)	\$3 269.24 (\$1 662.55-\$5 039.53)
Bahrain	\$10.03 (\$4.27-\$17.09)	\$28.69 (\$11.06-\$53.22)	\$38.71 (\$19.64-\$64.47)	\$3 390.10 (\$1 477.14-\$5 716.16)	\$9 703.32 (\$3 811.06-\$17 821.14)	\$13 093.42 (\$6 692.76-\$21 325.71)

Egypt	\$2.03 (\$0.90-\$3.38)	\$9.14 (\$4.45-\$14.35)	\$11.18 (\$6.36-\$16.69)	\$582.32 (\$264.98-\$975.11)	\$2 616.99 (\$1 268.19-\$4 020.85)	\$3 199.30 (\$1 802.29-\$4 673.55)
Iran (Islamic Republic of)	\$4.96 (\$2.14-\$8.44)	\$26.24 (\$12.65-\$42.26)	\$31.20 (\$17.02-\$47.36)	\$786.30 (\$349.18-\$1 323.78)	\$4 157.73 (\$2 040.76-\$6 668.51)	\$4 944.02 (\$2 733.49-\$7 370.93)
Iraq	\$1.71 (\$0.75-\$2.89)	\$8.63 (\$4.13-\$13.38)	\$10.34 (\$5.73-\$15.47)	\$531.52 (\$238.67-\$887.37)	\$2 686.33 (\$1 297.75-\$4 144.04)	\$3 217.86 (\$1 769.15-\$4 632.26)
Jordan	\$1.44 (\$0.63-\$2.39)	\$8.20 (\$3.47-\$14.11)	\$9.64 (\$4.93-\$15.91)	\$455.09 (\$207.45-\$763.00)	\$2 589.96 (\$1 119.54-\$4 413.59)	\$3 045.06 (\$1 549.37-\$4 855.05)
Kuwait	\$14.44 (\$6.19-\$24.50)	\$20.29 (\$6.82-\$41.08)	\$34.73 (\$18.26-\$56.95)	\$3 992.96 (\$1 737.74-\$6 750.92)	\$5 612.30 (\$1 935.14-\$11 362.30)	\$9 605.26 (\$5 140.97-\$15 527.38)
Lebanon	\$5.04 (\$2.34-\$8.44)	\$35.34 (\$13.54-\$65.48)	\$40.37 (\$18.28-\$71.72)	\$589.05 (\$282.95-\$984.02)	\$4 131.09 (\$1 593.99-\$7 537.69)	\$4 720.15 (\$2 139.27-\$8 118.16)
Libya	\$3.67 (\$1.61-\$6.18)	\$17.44 (\$6.64-\$33.13)	\$21.11 (\$9.89-\$37.19)	\$714.07 (\$322.71-\$1 194.89)	\$3 394.30 (\$1 327.60-\$6 207.21)	\$4 108.37 (\$1 997.17-\$7 070.25)
Morocco	\$2.07 (\$0.93-\$3.46)	\$20.05 (\$9.56-\$32.28)	\$22.12 (\$11.36-\$34.69)	\$371.82 (\$171.11-\$622.25)	\$3 601.90 (\$1 703.51-\$5 678.08)	\$3 973.72 (\$2 067.06-\$6 136.03)
Oman	\$3.38 (\$1.45-\$5.70)	\$13.02 (\$4.89-\$24.18)	\$16.41 (\$8.17-\$28.11)	\$1 990.02 (\$861.16-\$3 347.26)	\$7 664.24 (\$3 019.02-\$14 276.62)	\$9 654.27 (\$4 768.39-\$16 164.81)
Palestine	\$0.23 (\$0.11-\$0.39)	\$6.55 (\$3.36-\$9.78)	\$6.78 (\$3.61-\$10.06)	\$85.24 (\$39.28-\$142.37)	\$2 379.97 (\$1 247.16-\$3 504.84)	\$2 465.21 (\$1 328.51-\$3 594.19)
Qatar	\$8.86 (\$3.69-\$15.36)	\$11.23 (\$3.94-\$22.74)	\$20.08 (\$10.33-\$32.90)	\$7 923.96 (\$3 318.50-\$13 442.55)	\$10 055.54 (\$3 599.62-\$20 277.36)	\$17 979.50 (\$9 546.83-\$28 655.15)
Saudi Arabia	\$7.52 (\$3.19-\$12.81)	\$19.79 (\$7.22-\$38.52)	\$27.31 (\$13.63-\$46.07)	\$3 409.87 (\$1 483.83-\$5 747.21)	\$8 981.88 (\$3 395.09-\$17 356.54)	\$12 391.75 (\$6 271.49-\$20 569.09)
Sudan	\$0.44 (\$0.19-\$0.74)	\$6.88 (\$3.58-\$10.38)	\$7.32 (\$4.01-\$10.87)	\$157.32 (\$71.80-\$262.32)	\$2 468.67 (\$1 283.92-\$3 606.39)	\$2 625.99 (\$1 437.35-\$3 768.22)
Syrian Arab Republic	\$3.53 (\$1.57-\$5.95)	\$49.80 (\$21.31-\$91.76)	\$53.33 (\$24.57-\$95.69)	\$707.68 (\$323.66-\$1 180.14)	\$9 988.97 (\$4 480.75-\$17 840.29)	\$10 696.65 (\$5 111.68-\$18 764.39)

Tunisia	\$5.20 (\$2.37-\$8.63)	\$28.79 (\$12.83-\$47.97)	\$33.98 (\$18.07-\$54.11)	\$632.54 (\$296.50-\$1 051.69)	\$3 504.13 (\$1 581.33-\$5 733.50)	\$4 136.67 (\$2 179.86-\$6 348.92)
Turkey	\$17.71 (\$8.83-\$29.44)	\$38.25 (\$16.73-\$67.42)	\$55.96 (\$31.65-\$88.84)	\$2 034.91 (\$1 029.10-\$3 367.99)	\$4 393.01 (\$1 983.71-\$7 690.93)	\$6 427.92 (\$3 623.56-\$9 891.87)
United Arab Emirates	\$6.05 (\$2.55-\$10.35)	\$11.02 (\$3.86-\$22.71)	\$17.07 (\$8.54-\$29.52)	\$5 415.78 (\$2 295.52-\$9 174.98)	\$9 873.40 (\$3 483.72-\$19 955.21)	\$15 289.18 (\$7 939.08-\$25 197.29)
Yemen	\$0.13 (\$0.06-\$0.21)	\$2.74 (\$1.49-\$4.63)	\$2.87 (\$1.62-\$4.77)	\$53.84 (\$24.60-\$89.69)	\$1 163.71 (\$656.02-\$1 913.70)	\$1 217.56 (\$709.37-\$1 977.80)
South Asia	\$0.75 (\$0.35-\$1.25)	\$9.77 (\$6.26-\$13.00)	\$10.52 (\$7.10-\$13.87)	\$267.94 (\$129.08-\$442.54)	\$3 490.12 (\$2 335.29-\$4 439.60)	\$3 758.07 (\$2 580.05-\$4 755.46)
Bangladesh	\$0.70 (\$0.32-\$1.17)	\$29.27 (\$19.72-\$38.38)	\$29.97 (\$20.54-\$39.08)	\$188.53 (\$89.77-\$312.13)	\$7 837.72 (\$5 412.61-\$9 833.27)	\$8 026.25 (\$5 616.52-\$10 089.07)
Bhutan	\$1.66 (\$0.76-\$2.75)	\$54.47 (\$35.09-\$73.64)	\$56.12 (\$36.88-\$75.22)	\$535.18 (\$257.68-\$886.30)	\$17 590.67 (\$11 374.70-\$22 910.96)	\$18 125.84 (\$12 079.22-\$23 463.12)
India	\$0.84 (\$0.39-\$1.40)	\$7.14 (\$4.43-\$9.62)	\$7.98 (\$5.32-\$10.63)	\$291.26 (\$140.86-\$482.01)	\$2 473.13 (\$1 566.50-\$3 196.65)	\$2 764.39 (\$1 856.32-\$3 555.81)
Nepal	\$0.37 (\$0.17-\$0.62)	\$17.98 (\$10.85-\$26.79)	\$18.35 (\$11.16-\$27.10)	\$132.39 (\$65.39-\$218.54)	\$6 435.80 (\$4 018.01-\$9 432.58)	\$6 568.19 (\$4 165.14-\$9 576.73)
Pakistan	\$0.27 (\$0.12-\$0.45)	\$11.00 (\$6.98-\$15.43)	\$11.27 (\$7.24-\$15.80)	\$169.05 (\$78.97-\$280.67)	\$6 873.39 (\$4 472.28-\$9 508.87)	\$7 042.44 (\$4 602.80-\$9 670.35)
East Asia	\$18.02 (\$9.15-\$29.79)	\$71.52 (\$37.46-\$109.17)	\$89.54 (\$53.18-\$130.55)	\$1 701.00 (\$866.19-\$2 800.41)	\$6 747.69 (\$3 644.85-\$10 038.96)	\$8 448.68 (\$5 257.27-\$11 904.18)
China	\$17.07 (\$8.80-\$28.11)	\$71.49 (\$37.69-\$108.96)	\$88.56 (\$52.52-\$129.59)	\$1 605.58 (\$837.93-\$2 639.13)	\$6 722.64 (\$3 646.83-\$9 950.71)	\$8 328.22 (\$5 126.87-\$11 817.16)
Democratic People's Republic of Korea	\$0.06 (\$0.03-\$0.11)	\$4.57 (\$2.51-\$6.61)	\$4.63 (\$2.62-\$6.69)	\$8.44 (\$4.43-\$13.86)	\$614.82 (\$355.26-\$869.29)	\$623.25 (\$363.30-\$877.31)
Taiwan (Province of China)	\$95.33 (\$41.24-\$160.94)	\$147.57 (\$66.99-\$248.44)	\$242.90 (\$144.46-\$356.17)	\$7 935.29 (\$3 418.30-\$13 378.43)	\$12 283.50 (\$5 582.17-\$20 852.79)	\$20 218.79 (\$11 898.75-\$29 155.41)

Oceania	\$0.60 (\$0.27-\$0.99)	\$8.49 (\$4.80-\$12.15)	\$9.09 (\$5.48-\$12.85)	\$294.79 (\$140.25-\$494.09)	\$4 176.68 (\$2 461.58-\$5 909.99)	\$4 471.47 (\$2 745.74-\$6 202.48)
American Samoa	\$2.49 (\$1.19-\$4.14)	\$24.02 (\$10.14-\$41.58)	\$26.51 (\$12.33-\$44.46)	\$574.32 (\$282.47-\$952.53)	\$5 538.27 (\$2 380.75-\$9 316.49)	\$6 112.59 (\$2 970.47-\$9 955.32)
Cook Islands	\$15.17 (\$7.22-\$25.54)	\$97.86 (\$40.33-\$168.74)	\$113.03 (\$56.17-\$184.47)	\$1 744.21 (\$852.69-\$2 909.47)	\$11 251.65 (\$4 821.85-\$19 212.53)	\$12 995.86 (\$6 431.85-\$20 860.96)
Fiji	\$1.66 (\$0.78-\$2.75)	\$24.45 (\$11.45-\$38.05)	\$26.11 (\$13.36-\$39.95)	\$491.56 (\$241.00-\$815.10)	\$7 241.79 (\$3 482.29-\$11 070.05)	\$7 733.35 (\$3 976.47-\$11 544.75)
Guam	\$17.12 (\$7.76-\$29.03)	\$66.72 (\$25.48-\$121.67)	\$83.84 (\$41.59-\$142.44)	\$2 420.57 (\$1 118.42-\$4 041.63)	\$9 437.34 (\$3 737.61-\$16 881.09)	\$11 857.91 (\$6 066.33-\$19 305.13)
Kiribati	\$0.13 (\$0.06-\$0.21)	\$3.66 (\$2.11-\$5.25)	\$3.79 (\$2.26-\$5.39)	\$64.49 (\$33.89-\$106.04)	\$1 849.39 (\$1 096.14-\$2 602.09)	\$1 913.88 (\$1 149.53-\$2 669.83)
Marshall Islands	\$0.30 (\$0.15-\$0.50)	\$5.20 (\$2.83-\$7.53)	\$5.50 (\$3.14-\$7.90)	\$152.44 (\$79.85-\$251.69)	\$2 646.72 (\$1 511.80-\$3 744.91)	\$2 799.17 (\$1 674.32-\$3 930.29)
Micronesia (Federated States of)	\$0.27 (\$0.13-\$0.44)	\$6.71 (\$3.32-\$10.80)	\$6.98 (\$3.60-\$11.06)	\$103.39 (\$50.83-\$171.02)	\$2 614.43 (\$1 342.60-\$4 137.83)	\$2 717.82 (\$1 445.04-\$4 248.35)
Nauru	\$0.63 (\$0.29-\$1.07)	\$7.51 (\$3.76-\$11.49)	\$8.14 (\$4.31-\$12.20)	\$613.76 (\$288.82-\$1 015.88)	\$7 312.55 (\$3 617.40-\$10 856.88)	\$7 926.31 (\$4 282.30-\$11 513.82)
Niue	\$8.77 (\$4.43-\$14.84)	\$57.33 (\$25.39-\$92.66)	\$66.10 (\$35.27-\$104.42)	\$1 050.26 (\$546.46-\$1 756.71)	\$6 861.60 (\$3 111.58-\$11 031.13)	\$7 911.87 (\$4 129.81-\$12 050.31)
Northern Mariana Islands	\$5.24 (\$2.38-\$8.78)	\$36.79 (\$14.41-\$65.39)	\$42.03 (\$19.12-\$71.46)	\$1 033.77 (\$481.65-\$1 715.91)	\$7 264.09 (\$2 952.23-\$12 724.69)	\$8 297.86 (\$4 011.27-\$13 824.88)
Palau	\$4.42 (\$2.20-\$7.47)	\$32.84 (\$13.15-\$57.03)	\$37.26 (\$17.24-\$62.18)	\$902.79 (\$460.27-\$1 504.95)	\$6 715.59 (\$2 772.32-\$11 510.56)	\$7 618.38 (\$3 748.57-\$12 514.10)
Papua New Guinea	\$0.20 (\$0.09-\$0.33)	\$5.74 (\$3.71-\$7.79)	\$5.94 (\$3.89-\$8.01)	\$113.53 (\$52.84-\$188.57)	\$3 326.18 (\$2 223.95-\$4 369.43)	\$3 439.71 (\$2 338.35-\$4 485.89)
Samoa	\$0.77 (\$0.38-\$1.28)	\$12.16 (\$6.48-\$18.03)	\$12.93 (\$7.37-\$19.01)	\$213.89 (\$107.71-\$353.56)	\$3 369.60 (\$1 804.40-\$4 833.81)	\$3 583.49 (\$2 056.55-\$5 056.59)

Solomon Islands	\$0.11 (\$0.05-\$0.19)	\$3.90 (\$2.22-\$6.12)	\$4.01 (\$2.34-\$6.21)	\$70.43 (\$34.44-\$116.46)	\$2 467.90 (\$1 419.07-\$3 744.24)	\$2 538.34 (\$1 496.48-\$3 800.98)
Tokelau	\$3.78 (\$1.99-\$6.37)	\$30.84 (\$12.91-\$54.07)	\$34.62 (\$16.47-\$58.50)	\$715.43 (\$384.29-\$1 189.34)	\$5 832.80 (\$2 511.18-\$9 903.24)	\$6 548.23 (\$3 240.65-\$10 711.70)
Tonga	\$0.97 (\$0.47-\$1.62)	\$27.11 (\$14.21-\$41.08)	\$28.07 (\$15.33-\$42.36)	\$202.91 (\$100.98-\$335.60)	\$5 680.06 (\$3 040.73-\$8 304.58)	\$5 882.97 (\$3 242.47-\$8 479.45)
Tuvalu	\$0.96 (\$0.50-\$1.62)	\$7.24 (\$3.90-\$11.07)	\$8.20 (\$4.76-\$12.28)	\$229.51 (\$123.98-\$379.86)	\$1 723.54 (\$918.50-\$2 571.75)	\$1 953.04 (\$1 160.92-\$2 824.32)
Vanuatu	\$0.22 (\$0.10-\$0.36)	\$7.48 (\$4.51-\$10.80)	\$7.70 (\$4.74-\$11.08)	\$90.18 (\$43.89-\$149.28)	\$3 048.56 (\$1 883.79-\$4 276.01)	\$3 138.75 (\$1 976.48-\$4 367.94)
Southeast Asia	\$3.39 (\$1.65-\$5.57)	\$24.49 (\$10.72-\$41.97)	\$27.88 (\$14.23-\$45.46)	\$739.64 (\$367.10-\$1 225.74)	\$5 345.85 (\$2 399.70-\$8 926.48)	\$6 085.49 (\$3 050.35-\$9 782.48)
Cambodia	\$0.40 (\$0.20-\$0.66)	\$27.00 (\$13.59-\$40.39)	\$27.40 (\$14.09-\$40.89)	\$117.14 (\$59.35-\$193.90)	\$7 854.44 (\$4 118.06-\$11 623.79)	\$7 971.57 (\$4 226.62-\$11 718.02)
Indonesia	\$1.43 (\$0.67-\$2.38)	\$14.66 (\$6.21-\$25.05)	\$16.08 (\$7.67-\$26.61)	\$392.88 (\$190.75-\$650.37)	\$4 029.78 (\$1 720.02-\$6 879.67)	\$4 422.66 (\$2 096.11-\$7 244.41)
Lao People's Democratic Republic	\$0.53 (\$0.24-\$0.88)	\$18.11 (\$8.60-\$29.42)	\$18.64 (\$9.09-\$29.89)	\$197.10 (\$93.13-\$326.61)	\$6 720.16 (\$3 295.11-\$10 586.38)	\$6 917.26 (\$3 470.85-\$10 829.45)
Malaysia	\$5.89 (\$2.76-\$9.88)	\$35.99 (\$13.15-\$69.96)	\$41.88 (\$18.60-\$75.45)	\$1 287.19 (\$626.07-\$2 140.42)	\$7 858.42 (\$2 950.60-\$15 090.48)	\$9 145.62 (\$4 054.08-\$16 301.70)
Maldives	\$3.33 (\$1.57-\$5.52)	\$24.54 (\$9.83-\$43.45)	\$27.87 (\$12.96-\$46.81)	\$1 069.78 (\$520.83-\$1 782.18)	\$7 882.95 (\$3 120.85-\$13 873.33)	\$8 952.73 (\$4 245.86-\$14 834.76)
Mauritius	\$7.87 (\$3.92-\$13.10)	\$37.95 (\$14.82-\$70.60)	\$45.82 (\$22.50-\$78.79)	\$975.10 (\$492.25-\$1 617.37)	\$4 704.61 (\$1 857.97-\$8 645.22)	\$5 679.71 (\$2 762.45-\$9 530.34)
Myanmar	\$0.59 (\$0.29-\$0.98)	\$23.33 (\$10.63-\$38.63)	\$23.92 (\$11.27-\$39.20)	\$140.31 (\$71.00-\$232.04)	\$5 550.89 (\$2 607.49-\$8 929.76)	\$5 691.20 (\$2 731.22-\$9 134.76)
Philippines	\$0.99 (\$0.47-\$1.64)	\$18.61 (\$7.72-\$31.97)	\$19.60 (\$8.89-\$33.05)	\$307.41 (\$150.89-\$508.71)	\$5 770.82 (\$2 459.86-\$9 921.17)	\$6 078.24 (\$2 747.69-\$10 216.04)

Seychelles	\$7.28 (\$3.46-\$12.12)	\$43.95 (\$16.82-\$85.50)	\$51.22 (\$24.16-\$92.29)	\$1 239.01 (\$604.97-\$2 060.55)	\$7 486.86 (\$2 777.26-\$14 281.36)	\$8 725.86 (\$4 053.14-\$15 427.69)
Sri Lanka	\$2.92 (\$1.43-\$4.80)	\$17.44 (\$6.83-\$31.37)	\$20.36 (\$9.57-\$34.71)	\$442.57 (\$223.84-\$732.18)	\$2 642.81 (\$1 047.65-\$4 723.31)	\$3 085.38 (\$1 422.04-\$5 195.03)
Thailand	\$18.98 (\$9.35-\$31.00)	\$63.41 (\$28.90-\$110.71)	\$82.39 (\$44.25-\$132.83)	\$2 001.32 (\$998.96-\$3 318.68)	\$6 686.47 (\$3 034.34-\$11 611.46)	\$8 687.79 (\$4 758.45-\$13 519.94)
Timor-Leste	\$0.36 (\$0.18-\$0.60)	\$13.91 (\$7.31-\$20.93)	\$14.27 (\$7.62-\$21.32)	\$125.60 (\$62.72-\$207.48)	\$4 859.15 (\$2 558.79-\$7 075.21)	\$4 984.75 (\$2 690.71-\$7 211.60)
Viet Nam	\$1.70 (\$0.84-\$2.78)	\$28.04 (\$11.89-\$48.62)	\$29.74 (\$13.60-\$50.10)	\$325.11 (\$164.47-\$537.80)	\$5 370.75 (\$2 301.43-\$9 152.03)	\$5 695.86 (\$2 607.66-\$9 456.56)
Central Sub-Saharan Africa	\$0.20 (\$0.09-\$0.33)	\$7.79 (\$5.42-\$10.14)	\$7.99 (\$5.59-\$10.38)	\$108.42 (\$49.84-\$180.12)	\$4 247.50 (\$3 046.94-\$5 328.92)	\$4 355.92 (\$3 150.47-\$5 473.92)
Angola	\$0.35 (\$0.15-\$0.60)	\$13.54 (\$9.29-\$17.93)	\$13.90 (\$9.68-\$18.36)	\$226.32 (\$103.39-\$377.19)	\$8 636.37 (\$6 019.04-\$11 026.94)	\$8 862.70 (\$6 268.81-\$11 339.42)
Central African Republic	\$0.05 (\$0.02-\$0.08)	\$4.18 (\$2.69-\$5.85)	\$4.23 (\$2.73-\$5.89)	\$27.93 (\$13.78-\$46.07)	\$2 542.53 (\$1 669.05-\$3 494.34)	\$2 570.46 (\$1 695.26-\$3 524.90)
Congo	\$0.39 (\$0.18-\$0.64)	\$8.85 (\$4.64-\$13.89)	\$9.24 (\$5.04-\$14.28)	\$167.66 (\$76.65-\$279.48)	\$3 814.23 (\$2 055.50-\$5 824.84)	\$3 981.89 (\$2 255.92-\$6 008.61)
Democratic Republic of the Congo	\$0.06 (\$0.03-\$0.09)	\$5.35 (\$3.90-\$6.81)	\$5.40 (\$3.95-\$6.87)	\$29.92 (\$14.19-\$49.49)	\$2 838.90 (\$2 118.73-\$3 493.28)	\$2 868.83 (\$2 164.11-\$3 531.91)
Equatorial Guinea	\$2.02 (\$0.87-\$3.43)	\$27.50 (\$13.80-\$41.69)	\$29.52 (\$15.53-\$44.44)	\$1 199.04 (\$539.19-\$2 000.95)	\$16 305.35 (\$8 517.03-\$24 468.55)	\$17 504.40 (\$9 779.60-\$25 780.77)
Gabon	\$3.06 (\$1.37-\$5.09)	\$22.91 (\$11.89-\$35.22)	\$25.97 (\$14.81-\$38.75)	\$962.34 (\$444.45-\$1 606.58)	\$7 205.10 (\$3 788.95-\$10 870.53)	\$8 167.44 (\$4 733.64-\$12 019.21)
Eastern Sub-Saharan Africa	\$0.12 (\$0.06-\$0.20)	\$11.39 (\$8.06-\$14.77)	\$11.51 (\$8.14-\$14.91)	\$76.43 (\$36.12-\$126.73)	\$7 013.63 (\$5 082.36-\$8 703.43)	\$7 090.06 (\$5 162.85-\$8 808.08)
Burundi	\$0.03 (\$0.01-\$0.05)	\$7.01 (\$5.26-\$8.89)	\$7.04 (\$5.29-\$8.92)	\$20.37 (\$10.30-\$33.69)	\$4 911.55 (\$3 805.80-\$5 930.03)	\$4 931.92 (\$3 825.06-\$5 955.69)

Comoros	\$0.43 (\$0.21-\$0.71)	\$17.09 (\$11.32-\$23.07)	\$17.52 (\$11.77-\$23.58)	\$128.34 (\$64.40-\$212.14)	\$5 087.63 (\$3 462.46-\$6 698.65)	\$5 215.97 (\$3 534.85-\$6 829.29)
Djibouti	\$0.38 (\$0.17-\$0.64)	\$9.48 (\$6.06-\$13.17)	\$9.86 (\$6.42-\$13.58)	\$218.19 (\$98.74-\$364.34)	\$5 448.27 (\$3 494.56-\$7 320.63)	\$5 666.46 (\$3 765.73-\$7 544.19)
Eritrea	\$0.07 (\$0.03-\$0.11)	\$10.12 (\$6.79-\$13.34)	\$10.19 (\$6.85-\$13.42)	\$49.25 (\$22.77-\$81.82)	\$7 328.22 (\$5 076.32-\$9 557.55)	\$7 377.47 (\$5 123.43-\$9 616.11)
Ethiopia	\$0.11 (\$0.05-\$0.18)	\$10.19 (\$7.61-\$13.25)	\$10.30 (\$7.69-\$13.36)	\$63.21 (\$29.53-\$104.81)	\$6 089.31 (\$4 585.98-\$7 484.43)	\$6 152.53 (\$4 669.12-\$7 555.04)
Kenya	\$0.30 (\$0.14-\$0.50)	\$11.88 (\$7.46-\$16.17)	\$12.19 (\$7.83-\$16.56)	\$173.09 (\$81.46-\$287.40)	\$6 827.40 (\$4 350.56-\$9 091.90)	\$7 000.49 (\$4 579.50-\$9 324.75)
Madagascar	\$0.06 (\$0.03-\$0.10)	\$12.57 (\$9.05-\$16.02)	\$12.63 (\$9.11-\$16.10)	\$41.80 (\$19.70-\$69.17)	\$8 800.28 (\$6 515.47-\$10 791.36)	\$8 842.08 (\$6 552.22-\$10 847.15)
Malawi	\$0.07 (\$0.03-\$0.11)	\$8.51 (\$6.12-\$11.13)	\$8.58 (\$6.19-\$11.21)	\$39.81 (\$19.76-\$65.72)	\$5 003.38 (\$3 696.89-\$6 316.62)	\$5 043.19 (\$3 734.01-\$6 364.36)
Mozambique	\$0.05 (\$0.02-\$0.09)	\$8.36 (\$6.34-\$10.62)	\$8.42 (\$6.39-\$10.69)	\$34.37 (\$16.83-\$56.69)	\$5 506.59 (\$4 256.05-\$6 668.17)	\$5 540.96 (\$4 289.75-\$6 706.45)
Rwanda	\$0.13 (\$0.06-\$0.22)	\$11.21 (\$7.75-\$14.60)	\$11.34 (\$7.92-\$14.77)	\$68.70 (\$33.89-\$113.36)	\$5 720.90 (\$4 109.02-\$7 149.59)	\$5 789.61 (\$4 155.02-\$7 229.62)
Somalia	\$0.01 (\$0.00-\$0.01)	\$3.05 (\$2.17-\$4.01)	\$3.06 (\$2.18-\$4.02)	\$7.71 (\$3.68-\$12.72)	\$2 771.12 (\$2 026.72-\$3 550.96)	\$2 778.83 (\$2 031.70-\$3 557.18)
South Sudan	\$0.05 (\$0.02-\$0.08)	\$6.87 (\$4.63-\$9.11)	\$6.92 (\$4.69-\$9.16)	\$28.12 (\$13.93-\$46.42)	\$4 100.39 (\$2 932.34-\$5 354.50)	\$4 128.50 (\$2 953.35-\$5 390.40)
Uganda	\$0.11 (\$0.05-\$0.18)	\$10.60 (\$7.57-\$13.66)	\$10.71 (\$7.65-\$13.77)	\$75.56 (\$35.50-\$125.24)	\$7 373.28 (\$5 345.88-\$9 125.92)	\$7 448.84 (\$5 407.56-\$9 195.00)
United Republic of Tanzania	\$0.16 (\$0.08-\$0.27)	\$19.55 (\$13.67-\$25.04)	\$19.72 (\$13.82-\$25.23)	\$86.70 (\$40.92-\$143.67)	\$10 328.22 (\$7 336.76-\$12 959.54)	\$10 414.93 (\$7 421.73-\$13 042.35)
Zambia	\$0.14 (\$0.06-\$0.23)	\$14.43 (\$9.25-\$19.95)	\$14.56 (\$9.36-\$20.12)	\$95.71 (\$45.31-\$158.53)	\$10 124.18 (\$6 537.80-\$13 619.67)	\$10 219.89 (\$6 667.90-\$13 717.69)

Southern Sub-Saharan Africa	\$2.76 (\$1.34-\$4.58)	\$26.35 (\$14.01-\$38.18)	\$29.11 (\$16.85-\$41.58)	\$774.01 (\$384.95-\$1 286.54)	\$7 381.24 (\$4 031.66-\$10 602.40)	\$8 155.25 (\$4 821.27-\$11 349.50)
Botswana	\$2.42 (\$1.10-\$4.05)	\$20.86 (\$10.84-\$31.91)	\$23.28 (\$13.08-\$34.75)	\$982.57 (\$465.85-\$1 629.77)	\$8 467.78 (\$4 493.63-\$12 630.33)	\$9 450.34 (\$5 431.48-\$13 825.21)
Eswatini	\$0.89 (\$0.41-\$1.48)	\$18.58 (\$10.60-\$26.71)	\$19.47 (\$11.34-\$28.03)	\$422.50 (\$205.82-\$701.61)	\$8 806.82 (\$4 950.60-\$12 439.77)	\$9 229.31 (\$5 484.60-\$12 915.08)
Lesotho	\$0.29 (\$0.14-\$0.47)	\$16.16 (\$9.75-\$22.88)	\$16.45 (\$10.09-\$23.18)	\$112.52 (\$56.96-\$186.33)	\$6 318.48 (\$3 846.30-\$8 602.64)	\$6 431.00 (\$3 957.33-\$8 749.51)
Namibia	\$1.69 (\$0.81-\$2.83)	\$24.31 (\$13.22-\$35.22)	\$26.00 (\$14.76-\$37.59)	\$568.72 (\$279.95-\$943.83)	\$8 185.15 (\$4 393.95-\$11 600.36)	\$8 753.87 (\$5 033.36-\$12 232.59)
South Africa	\$3.64 (\$1.76-\$6.05)	\$30.00 (\$15.47-\$44.18)	\$33.64 (\$19.17-\$48.90)	\$876.03 (\$435.58-\$1 458.46)	\$7 209.04 (\$3 759.72-\$10 524.24)	\$8 085.06 (\$4 649.42-\$11 396.03)
Zimbabwe	\$0.21 (\$0.09-\$0.35)	\$16.05 (\$10.49-\$21.76)	\$16.26 (\$10.62-\$22.09)	\$110.66 (\$51.11-\$184.16)	\$8 434.07 (\$5 519.77-\$10 998.09)	\$8 544.73 (\$5 695.25-\$11 089.45)
Western Sub-Saharan Africa	\$0.21 (\$0.10-\$0.35)	\$10.51 (\$7.22-\$13.64)	\$10.72 (\$7.44-\$13.93)	\$145.17 (\$67.29-\$242.37)	\$7 223.96 (\$5 108.23-\$9 017.16)	\$7 369.13 (\$5 246.80-\$9 199.20)
Benin	\$0.16 (\$0.07-\$0.26)	\$11.82 (\$8.65-\$15.18)	\$11.98 (\$8.79-\$15.37)	\$111.63 (\$51.42-\$185.66)	\$8 348.83 (\$6 299.41-\$10 407.32)	\$8 460.46 (\$6 388.54-\$10 526.57)
Burkina Faso	\$0.11 (\$0.05-\$0.18)	\$11.69 (\$8.49-\$15.60)	\$11.80 (\$8.58-\$15.70)	\$70.61 (\$34.43-\$116.65)	\$7 644.36 (\$5 692.43-\$9 870.11)	\$7 714.97 (\$5 764.24-\$9 951.60)
Cabo Verde	\$1.54 (\$0.74-\$2.54)	\$37.68 (\$23.38-\$51.67)	\$39.22 (\$24.63-\$53.31)	\$370.10 (\$181.07-\$614.71)	\$9 069.81 (\$5 643.08-\$11 979.43)	\$9 439.91 (\$6 011.51-\$12 448.13)
Cameroon	\$0.19 (\$0.09-\$0.32)	\$13.56 (\$9.02-\$18.04)	\$13.75 (\$9.23-\$18.24)	\$133.93 (\$61.89-\$222.61)	\$9 433.13 (\$6 402.97-\$12 001.56)	\$9 567.06 (\$6 562.68-\$12 148.48)
Chad	\$0.06 (\$0.03-\$0.10)	\$5.94 (\$4.68-\$7.29)	\$6.00 (\$4.72-\$7.34)	\$49.58 (\$23.41-\$82.08)	\$4 761.77 (\$3 928.61-\$5 568.78)	\$4 811.35 (\$3 980.75-\$5 639.38)
Côte d'Ivoire	\$0.29 (\$0.13-\$0.48)	\$6.07 (\$4.23-\$8.03)	\$6.36 (\$4.48-\$8.37)	\$215.67 (\$99.42-\$359.12)	\$4 505.45 (\$3 245.29-\$5 726.37)	\$4 721.12 (\$3 451.65-\$5 938.29)

Gambia	\$0.12 (\$0.06-\$0.20)	\$9.43 (\$6.55-\$12.21)	\$9.55 (\$6.66-\$12.41)	\$70.28 (\$34.27-\$116.10)	\$5 406.16 (\$3 880.90-\$6 913.58)	\$5 476.44 (\$3 962.96-\$6 998.87)
Ghana	\$0.37 (\$0.17-\$0.62)	\$20.07 (\$11.95-\$27.99)	\$20.45 (\$12.38-\$28.61)	\$198.83 (\$93.27-\$330.35)	\$10 687.12 (\$6 401.00-\$14 315.19)	\$10 885.95 (\$6 649.45-\$14 573.10)
Guinea	\$0.19 (\$0.08-\$0.31)	\$12.65 (\$9.02-\$16.78)	\$12.83 (\$9.18-\$16.94)	\$103.76 (\$49.06-\$171.96)	\$7 062.01 (\$5 227.05-\$9 136.39)	\$7 165.77 (\$5 315.08-\$9 222.11)
Guinea-Bissau	\$0.09 (\$0.04-\$0.14)	\$8.46 (\$6.22-\$10.75)	\$8.54 (\$6.28-\$10.86)	\$69.40 (\$34.22-\$114.49)	\$6 734.01 (\$5 149.60-\$8 184.81)	\$6 803.41 (\$5 221.12-\$8 267.11)
Liberia	\$0.07 (\$0.03-\$0.11)	\$8.03 (\$5.93-\$10.19)	\$8.09 (\$5.99-\$10.25)	\$44.60 (\$22.20-\$73.67)	\$5 171.66 (\$3 919.25-\$6 338.58)	\$5 216.25 (\$3 956.09-\$6 419.11)
Mali	\$0.12 (\$0.06-\$0.20)	\$3.96 (\$3.11-\$4.90)	\$4.08 (\$3.19-\$5.03)	\$81.59 (\$38.02-\$135.37)	\$2 651.51 (\$2 178.98-\$3 116.46)	\$2 733.10 (\$2 249.38-\$3 209.53)
Mauritania	\$0.50 (\$0.23-\$0.82)	\$12.59 (\$8.68-\$16.47)	\$13.08 (\$9.03-\$17.13)	\$228.55 (\$107.79-\$379.39)	\$5 806.54 (\$4 047.77-\$7 259.25)	\$6 035.09 (\$4 308.09-\$7 531.05)
Niger	\$0.04 (\$0.02-\$0.07)	\$7.20 (\$5.59-\$9.12)	\$7.24 (\$5.63-\$9.16)	\$36.13 (\$17.53-\$59.68)	\$6 209.58 (\$4 974.50-\$7 535.89)	\$6 245.70 (\$5 007.84-\$7 595.08)
Nigeria	\$0.24 (\$0.11-\$0.39)	\$9.93 (\$6.49-\$13.12)	\$10.17 (\$6.74-\$13.41)	\$174.96 (\$80.65-\$291.20)	\$7 345.51 (\$4 900.04-\$9 359.08)	\$7 520.46 (\$5 081.48-\$9 545.79)
Sao Tome and Principe	\$0.39 (\$0.19-\$0.64)	\$17.59 (\$10.81-\$24.88)	\$17.98 (\$11.23-\$25.32)	\$193.52 (\$95.04-\$320.42)	\$8 731.35 (\$5 492.06-\$11 956.92)	\$8 924.88 (\$5 702.03-\$12 184.87)
Senegal	\$0.26 (\$0.12-\$0.43)	\$14.53 (\$10.67-\$18.47)	\$14.80 (\$10.93-\$18.78)	\$130.47 (\$62.62-\$215.85)	\$7 259.49 (\$5 443.46-\$8 884.91)	\$7 389.96 (\$5 606.86-\$9 035.21)
Sierra Leone	\$0.08 (\$0.04-\$0.13)	\$9.30 (\$6.72-\$12.10)	\$9.38 (\$6.79-\$12.19)	\$48.64 (\$24.35-\$80.38)	\$5 569.83 (\$4 132.93-\$7 041.82)	\$5 618.47 (\$4 165.93-\$7 102.39)
Togo	\$0.10 (\$0.05-\$0.17)	\$12.83 (\$9.00-\$16.64)	\$12.93 (\$9.07-\$16.77)	\$63.91 (\$31.47-\$105.45)	\$8 177.51 (\$5 859.19-\$10 278.04)	\$8 241.42 (\$5 924.76-\$10 359.38)

Supplementary Table 26. Attributable dementia cost by GBD regions and countries in 2050

	Cost per person attributable to dementia - baseline	Cost per person attributable to dementia – accelerated diagnosis rates	Cost per person attributable to dementia - accelerated unit costs	Cost per person attributable to dementia - accelerated nursing home-based care rates	Cost per person attributable to dementia - decelerated nursing home-based care rates
Central Asia	\$100 (44 - 185)	\$102 (45 - 187)	\$101 (44 - 185)	\$100 (44 - 185)	\$102 (44 - 193)
Armenia	\$223 (85 - 463)	\$223 (85 - 463)	\$223 (85 - 463)	\$223 (85 - 463)	\$220 (80 - 470)
Azerbaijan	\$178 (75 - 335)	\$178 (75 - 335)	\$178 (75 - 335)	\$178 (75 - 335)	\$178 (72 - 344)
Georgia	\$144 (56 - 291)	\$145 (57 - 294)	\$144 (56 - 291)	\$144 (56 - 291)	\$140 (52 - 289)
Kazakhstan	\$154 (59 - 305)	\$161 (63 - 321)	\$154 (59 - 305)	\$154 (59 - 305)	\$156 (57 - 315)
Kyrgyzstan	\$51 (22 - 95)	\$52 (22 - 95)	\$52 (22 - 95)	\$51 (22 - 94)	\$52 (22 - 96)
Mongolia	\$105 (44 - 193)	\$106 (44 - 194)	\$105 (44 - 193)	\$105 (44 - 193)	\$108 (43 - 201)
Tajikistan	\$22 (10 - 39)	\$22 (10 - 39)	\$22 (10 - 39)	\$22 (10 - 39)	\$22 (10 - 40)
Turkmenistan	\$205 (88 - 396)	\$205 (88 - 396)	\$205 (88 - 396)	\$205 (88 - 396)	\$210 (84 - 411)
Uzbekistan	\$70 (26 - 152)	\$70 (26 - 153)	\$70 (26 - 152)	\$70 (26 - 152)	\$72 (27 - 159)
Central Europe	\$412 (203 - 705)	\$419 (208 - 714)	\$430 (227 - 690)	\$414 (206 - 704)	\$406 (191 - 703)
Albania	\$296 (123 - 586)	\$300 (125 - 590)	\$296 (123 - 586)	\$295 (123 - 585)	\$299 (123 - 592)
Bosnia and Herzegovina	\$157 (69 - 314)	\$159 (70 - 320)	\$161 (75 - 310)	\$158 (69 - 317)	\$155 (66 - 310)
Bulgaria	\$452 (209 - 812)	\$459 (212 - 826)	\$451 (211 - 793)	\$451 (210 - 812)	\$456 (206 - 839)
Croatia	\$356 (163 - 664)	\$381 (177 - 712)	\$395 (200 - 686)	\$357 (166 - 662)	\$356 (164 - 663)

Czechia	\$664 (330 - 1,161)	\$672 (336 - 1,172)	\$777 (409 - 1,272)	\$679 (343 - 1,183)	\$651 (314 - 1,148)
Hungary	\$243 (107 - 412)	\$249 (112 - 421)	\$250 (113 - 424)	\$232 (102 - 394)	\$251 (111 - 426)
Montenegro	\$195 (78 - 408)	\$199 (80 - 415)	\$207 (88 - 411)	\$195 (79 - 402)	\$196 (76 - 413)
North Macedonia	\$205 (87 - 388)	\$216 (92 - 410)	\$219 (98 - 407)	\$205 (88 - 385)	\$206 (86 - 388)
Poland	\$444 (211 - 778)	\$451 (215 - 793)	\$452 (238 - 728)	\$446 (213 - 780)	\$432 (202 - 761)
Romania	\$499 (234 - 885)	\$505 (236 - 899)	\$499 (234 - 885)	\$499 (233 - 885)	\$491 (223 - 869)
Serbia	\$151 (61 - 290)	\$157 (63 - 300)	\$152 (69 - 282)	\$153 (62 - 291)	\$148 (59 - 286)
Slovakia	\$420 (207 - 741)	\$424 (209 - 744)	\$429 (233 - 702)	\$423 (210 - 747)	\$404 (193 - 703)
Slovenia	\$434 (200 - 768)	\$446 (208 - 795)	\$484 (243 - 818)	\$419 (201 - 737)	\$440 (200 - 788)
Eastern Europe	\$197 (84 - 376)	\$206 (87 - 389)	\$208 (95 - 393)	\$198 (84 - 373)	\$195 (79 - 386)
Belarus	\$183 (72 - 376)	\$190 (75 - 389)	\$183 (72 - 376)	\$183 (72 - 376)	\$181 (68 - 380)
Estonia	\$663 (264 - 1,296)	\$667 (268 - 1,299)	\$693 (305 - 1,303)	\$675 (272 - 1,326)	\$641 (251 - 1,275)
Latvia	\$617 (249 - 1,200)	\$635 (258 - 1,227)	\$617 (249 - 1,200)	\$622 (253 - 1,200)	\$589 (234 - 1,218)
Lithuania	\$621 (262 - 1,285)	\$621 (262 - 1,285)	\$621 (262 - 1,285)	\$621 (262 - 1,285)	\$561 (228 - 1,150)
Republic of Moldova	\$186 (73 - 362)	\$191 (76 - 377)	\$186 (73 - 362)	\$186 (73 - 362)	\$184 (71 - 373)
Russian Federation	\$206 (82 - 400)	\$216 (91 - 419)	\$218 (98 - 415)	\$207 (85 - 398)	\$204 (80 - 407)
Ukraine	\$104 (39 - 210)	\$109 (42 - 220)	\$110 (44 - 218)	\$104 (40 - 206)	\$104 (39 - 211)

Australasia	\$1,082 (478 - 2,127)	\$1,123 (499 - 2,204)	\$1,432 (690 - 2,656)	\$1,142 (502 - 2,250)	\$980 (419 - 1,888)
Australia	\$1,130 (492 - 2,298)	\$1,171 (512 - 2,396)	\$1,501 (713 - 2,881)	\$1,175 (511 - 2,414)	\$1,015 (427 - 2,018)
New Zealand	\$869 (360 - 1,774)	\$911 (384 - 1,863)	\$1,115 (514 - 2,180)	\$1,026 (426 - 2,106)	\$838 (347 - 1,706)
High-income Asia Pacific	\$1,255 (591 - 2,334)	\$1,255 (591 - 2,334)	\$1,688 (902 - 2,870)	\$1,510 (709 - 2,853)	\$1,219 (577 - 2,255)
Brunei Darussalam	\$85 (35 - 167)	\$98 (40 - 194)	\$140 (64 - 262)	\$124 (53 - 240)	\$85 (35 - 167)
Japan	\$1,369 (655 - 2,553)	\$1,369 (655 - 2,553)	\$2,024 (1,049 - 3,509)	\$1,756 (801 - 3,367)	\$1,369 (655 - 2,553)
Republic of Korea	\$1,158 (541 - 2,094)	\$1,158 (541 - 2,094)	\$1,169 (580 - 2,036)	\$1,162 (543 - 2,106)	\$1,038 (481 - 1,893)
Singapore	\$485 (205 - 978)	\$485 (205 - 978)	\$493 (227 - 939)	\$485 (206 - 978)	\$443 (172 - 901)
High-income North America	\$1,224 (686 - 1,937)	\$1,226 (688 - 1,942)	\$2,122 (1,080 - 3,614)	\$1,340 (726 - 2,088)	\$1,188 (659 - 1,881)
Canada	\$512 (234 - 890)	\$538 (250 - 933)	\$657 (326 - 1,088)	\$528 (246 - 912)	\$502 (223 - 883)
Greenland	\$873 (381 - 1,700)	\$888 (389 - 1,713)	\$1,192 (579 - 2,148)	\$906 (394 - 1,769)	\$771 (341 - 1,500)
United States of America	\$1,312 (736 - 2,083)	\$1,312 (736 - 2,083)	\$2,304 (1,175 - 3,940)	\$1,441 (774 - 2,254)	\$1,273 (703 - 2,002)
Southern Latin America	\$99 (45 - 186)	\$104 (48 - 196)	\$135 (70 - 235)	\$99 (46 - 187)	\$95 (42 - 180)
Argentina	\$74 (33 - 143)	\$80 (36 - 155)	\$116 (57 - 206)	\$75 (34 - 145)	\$71 (30 - 135)
Chile	\$135 (62 - 246)	\$136 (63 - 248)	\$157 (80 - 264)	\$135 (62 - 246)	\$129 (56 - 240)
Uruguay	\$251 (111 - 473)	\$269 (117 - 517)	\$290 (136 - 511)	\$251 (111 - 473)	\$237 (102 - 460)
Western Europe	\$647 (315 - 1,160)	\$716 (353 - 1,269)	\$1,013 (501 - 1,759)	\$728 (348 - 1,308)	\$606 (294 - 1,071)

Andorra	\$499 (226 - 899)	\$567 (255 - 1,031)	\$780 (384 - 1,403)	\$578 (259 - 1,064)	\$499 (226 - 899)
Austria	\$764 (363 - 1,441)	\$832 (396 - 1,542)	\$1,143 (555 - 2,077)	\$836 (385 - 1,610)	\$730 (348 - 1,352)
Belgium	\$879 (388 - 1,710)	\$957 (426 - 1,853)	\$1,357 (652 - 2,456)	\$983 (425 - 1,904)	\$829 (365 - 1,606)
Cyprus	\$265 (107 - 506)	\$291 (119 - 559)	\$353 (158 - 642)	\$294 (122 - 565)	\$258 (102 - 495)
Denmark	\$637 (280 - 1,156)	\$670 (300 - 1,217)	\$956 (462 - 1,625)	\$652 (292 - 1,197)	\$617 (268 - 1,121)
Finland	\$635 (277 - 1,213)	\$664 (293 - 1,251)	\$919 (441 - 1,626)	\$724 (321 - 1,378)	\$632 (274 - 1,210)
France	\$556 (253 - 1,059)	\$615 (285 - 1,184)	\$933 (447 - 1,708)	\$618 (278 - 1,185)	\$520 (234 - 987)
Germany	\$863 (372 - 1,720)	\$921 (397 - 1,840)	\$1,343 (585 - 2,502)	\$896 (381 - 1,768)	\$716 (319 - 1,370)
Greece	\$196 (86 - 372)	\$224 (96 - 428)	\$283 (136 - 524)	\$221 (99 - 423)	\$196 (86 - 372)
Iceland	\$1,014 (458 - 1,966)	\$1,116 (505 - 2,190)	\$1,301 (613 - 2,421)	\$1,057 (470 - 2,078)	\$972 (426 - 1,897)
Ireland	\$837 (354 - 1,556)	\$859 (365 - 1,587)	\$862 (394 - 1,516)	\$840 (360 - 1,561)	\$829 (339 - 1,569)
Israel	\$377 (159 - 731)	\$406 (170 - 785)	\$502 (223 - 966)	\$368 (157 - 709)	\$383 (157 - 744)
Italy	\$725 (296 - 1,456)	\$927 (381 - 1,851)	\$1,367 (619 - 2,570)	\$932 (385 - 1,884)	\$725 (296 - 1,456)
Luxembourg	\$812 (330 - 1,710)	\$1,021 (416 - 2,127)	\$1,308 (565 - 2,496)	\$909 (361 - 1,919)	\$785 (316 - 1,628)
Malta	\$644 (273 - 1,227)	\$644 (273 - 1,227)	\$713 (342 - 1,325)	\$657 (281 - 1,250)	\$557 (241 - 1,044)
Monaco	\$3,260 (1,301 - 6,438)	\$3,737 (1,488 - 7,308)	\$4,393 (1,937 - 8,053)	\$3,345 (1,319 - 6,541)	\$2,882 (1,180 - 5,768)
Netherlands	\$1,204 (608 - 2,110)	\$1,347 (685 - 2,314)	\$1,721 (881 - 2,913)	\$1,204 (617 - 2,038)	\$1,204 (602 - 2,140)

Norway	\$578 (249 - 1,086)	\$625 (275 - 1,146)	\$872 (419 - 1,536)	\$592 (260 - 1,092)	\$558 (235 - 1,068)
Portugal	\$310 (135 - 614)	\$359 (152 - 721)	\$519 (237 - 977)	\$344 (152 - 686)	\$302 (130 - 600)
San Marino	\$271 (120 - 506)	\$309 (136 - 574)	\$519 (249 - 937)	\$337 (151 - 621)	\$271 (120 - 506)
Spain	\$463 (225 - 847)	\$507 (245 - 933)	\$667 (341 - 1,204)	\$506 (242 - 951)	\$453 (221 - 823)
Sweden	\$818 (410 - 1,345)	\$822 (415 - 1,356)	\$1,370 (689 - 2,306)	\$843 (417 - 1,405)	\$729 (377 - 1,227)
Switzerland	\$1,063 (517 - 1,906)	\$1,128 (548 - 2,032)	\$1,614 (786 - 2,883)	\$1,071 (507 - 1,949)	\$1,058 (508 - 1,907)
United Kingdom	\$441 (213 - 779)	\$477 (232 - 844)	\$620 (305 - 1,049)	\$624 (290 - 1,101)	\$441 (213 - 779)
Andean Latin America	\$87 (39 - 157)	\$87 (40 - 157)	\$89 (42 - 157)	\$87 (39 - 157)	\$83 (34 - 155)
Bolivia (Plurinational State of)	\$87 (36 - 159)	\$87 (36 - 159)	\$88 (38 - 159)	\$87 (36 - 159)	\$89 (37 - 163)
Ecuador	\$55 (23 - 106)	\$55 (23 - 106)	\$62 (29 - 111)	\$55 (24 - 106)	\$54 (22 - 105)
Peru	\$104 (46 - 192)	\$105 (46 - 193)	\$104 (47 - 188)	\$104 (46 - 192)	\$97 (40 - 184)
Caribbean	\$112 (51 - 213)	\$113 (52 - 214)	\$132 (67 - 231)	\$115 (53 - 219)	\$99 (45 - 182)
Antigua and Barbuda	\$129 (51 - 275)	\$139 (55 - 292)	\$175 (74 - 359)	\$137 (54 - 284)	\$122 (47 - 253)
Bahamas	\$135 (52 - 285)	\$140 (55 - 296)	\$239 (101 - 472)	\$148 (57 - 311)	\$132 (51 - 275)
Barbados	\$145 (61 - 280)	\$156 (69 - 301)	\$209 (97 - 393)	\$150 (65 - 285)	\$141 (58 - 275)
Belize	\$38 (14 - 75)	\$39 (15 - 76)	\$43 (18 - 81)	\$38 (15 - 74)	\$38 (14 - 76)
Bermuda	\$1,753 (718 - 3,607)	\$1,753 (718 - 3,607)	\$3,422 (1,529 - 6,273)	\$1,953 (765 - 3,969)	\$1,619 (689 - 3,372)

Cuba	\$309 (134 - 628)	\$309 (134 - 628)	\$309 (151 - 539)	\$309 (134 - 628)	\$268 (114 - 538)
Dominica	\$64 (28 - 125)	\$67 (29 - 130)	\$78 (38 - 138)	\$65 (28 - 125)	\$61 (25 - 125)
Dominican Republic	\$72 (33 - 137)	\$72 (33 - 137)	\$72 (34 - 131)	\$72 (33 - 137)	\$62 (27 - 115)
Grenada	\$105 (40 - 213)	\$109 (42 - 224)	\$123 (53 - 243)	\$107 (41 - 218)	\$99 (37 - 201)
Guyana	\$56 (24 - 106)	\$57 (24 - 106)	\$56 (25 - 102)	\$56 (24 - 106)	\$52 (21 - 101)
Haiti	\$7 (3 - 13)	\$7 (3 - 13)	\$8 (3 - 14)	\$7 (3 - 13)	\$7 (3 - 13)
Jamaica	\$40 (15 - 81)	\$42 (16 - 84)	\$50 (22 - 97)	\$41 (16 - 81)	\$39 (15 - 80)
Puerto Rico	\$378 (139 - 826)	\$384 (142 - 837)	\$673 (263 - 1,387)	\$431 (156 - 933)	\$330 (125 - 734)
Saint Kitts and Nevis	\$128 (56 - 239)	\$140 (61 - 263)	\$167 (82 - 292)	\$132 (57 - 248)	\$117 (50 - 227)
Saint Lucia	\$93 (37 - 172)	\$97 (39 - 183)	\$119 (53 - 221)	\$95 (39 - 177)	\$89 (36 - 170)
Saint Vincent and the Grenadines	\$100 (44 - 192)	\$103 (45 - 197)	\$113 (55 - 207)	\$101 (45 - 193)	\$97 (41 - 186)
Suriname	\$53 (22 - 109)	\$55 (23 - 112)	\$60 (26 - 112)	\$54 (23 - 110)	\$51 (21 - 104)
Trinidad and Tobago	\$192 (79 - 369)	\$192 (79 - 369)	\$238 (105 - 452)	\$196 (81 - 386)	\$169 (71 - 331)
United States Virgin Islands	\$293 (110 - 657)	\$293 (110 - 657)	\$435 (178 - 891)	\$345 (128 - 783)	\$283 (107 - 631)
Central Latin America	\$63 (29 - 119)	\$67 (31 - 129)	\$92 (48 - 163)	\$67 (31 - 127)	\$56 (25 - 109)
Colombia	\$80 (36 - 147)	\$80 (36 - 147)	\$89 (44 - 151)	\$80 (36 - 147)	\$73 (31 - 138)
Costa Rica	\$180 (78 - 336)	\$180 (78 - 336)	\$196 (94 - 340)	\$180 (78 - 336)	\$170 (71 - 315)

El Salvador	\$38 (17 - 66)	\$39 (17 - 69)	\$41 (20 - 72)	\$38 (17 - 66)	\$37 (16 - 65)
Guatemala	\$25 (11 - 45)	\$26 (12 - 47)	\$28 (13 - 49)	\$25 (11 - 46)	\$24 (11 - 45)
Honduras	\$25 (11 - 43)	\$25 (11 - 43)	\$26 (12 - 43)	\$25 (11 - 43)	\$25 (11 - 43)
Mexico	\$68 (29 - 144)	\$76 (32 - 163)	\$123 (57 - 235)	\$77 (32 - 159)	\$58 (25 - 124)
Nicaragua	\$52 (25 - 95)	\$52 (25 - 95)	\$54 (27 - 96)	\$52 (25 - 95)	\$53 (25 - 96)
Panama	\$245 (112 - 456)	\$245 (112 - 456)	\$245 (112 - 456)	\$245 (112 - 456)	\$218 (93 - 407)
Venezuela (Bolivarian Republic of)	\$13 (5 - 24)	\$13 (6 - 25)	\$19 (9 - 33)	\$13 (6 - 24)	\$13 (5 - 24)
Tropical Latin America	\$90 (37 - 171)	\$91 (38 - 172)	\$98 (44 - 177)	\$89 (38 - 168)	\$91 (37 - 174)
Brazil	\$91 (37 - 173)	\$92 (38 - 174)	\$100 (45 - 179)	\$90 (38 - 170)	\$92 (37 - 178)
Paraguay	\$56 (25 - 103)	\$56 (25 - 103)	\$61 (30 - 107)	\$56 (25 - 103)	\$54 (23 - 101)
North Africa and Middle East	\$36 (16 - 68)	\$39 (17 - 73)	\$46 (22 - 81)	\$38 (17 - 71)	\$31 (13 - 59)
Afghanistan	\$4 (1 - 8)	\$4 (1 - 8)	\$4 (1 - 8)	\$4 (1 - 8)	\$4 (1 - 8)
Algeria	\$22 (9 - 43)	\$22 (9 - 43)	\$28 (13 - 51)	\$23 (10 - 44)	\$20 (8 - 40)
Bahrain	\$148 (59 - 308)	\$156 (64 - 329)	\$242 (107 - 469)	\$161 (67 - 332)	\$141 (55 - 299)
Egypt	\$11 (5 - 20)	\$12 (5 - 21)	\$13 (6 - 22)	\$11 (5 - 21)	\$10 (4 - 19)
Iran (Islamic Republic of)	\$69 (28 - 136)	\$70 (28 - 139)	\$84 (36 - 157)	\$70 (28 - 138)	\$64 (24 - 127)
Iraq	\$27 (11 - 56)	\$28 (11 - 57)	\$36 (16 - 67)	\$27 (11 - 56)	\$23 (9 - 49)

Jordan	\$14 (5 - 30)	\$15 (5 - 31)	\$18 (7 - 36)	\$15 (5 - 31)	\$13 (4 - 30)
Kuwait	\$109 (40 - 241)	\$123 (45 - 274)	\$251 (92 - 509)	\$146 (51 - 319)	\$103 (38 - 228)
Lebanon	\$48 (15 - 118)	\$51 (16 - 124)	\$67 (25 - 145)	\$50 (16 - 121)	\$46 (13 - 114)
Libya	\$9 (3 - 20)	\$10 (4 - 21)	\$16 (7 - 31)	\$11 (4 - 23)	\$9 (3 - 20)
Morocco	\$46 (18 - 87)	\$47 (19 - 88)	\$48 (21 - 89)	\$46 (18 - 87)	\$42 (16 - 83)
Oman	\$39 (15 - 80)	\$41 (16 - 83)	\$69 (31 - 135)	\$44 (18 - 90)	\$37 (14 - 78)
Palestine	\$35 (12 - 77)	\$36 (13 - 77)	\$38 (14 - 78)	\$35 (12 - 77)	\$35 (12 - 77)
Qatar	\$215 (78 - 468)	\$243 (87 - 552)	\$420 (156 - 867)	\$247 (86 - 548)	\$182 (67 - 397)
Saudi Arabia	\$79 (29 - 170)	\$87 (32 - 189)	\$142 (60 - 292)	\$88 (33 - 191)	\$63 (24 - 135)
Sudan	\$3 (1 - 6)	\$3 (1 - 6)	\$3 (1 - 6)	\$3 (1 - 6)	\$3 (1 - 6)
Syrian Arab Republic	\$6 (2 - 12)	\$6 (2 - 12)	\$7 (2 - 13)	\$6 (2 - 12)	\$6 (2 - 12)
Tunisia	\$33 (13 - 64)	\$34 (14 - 65)	\$41 (18 - 77)	\$34 (14 - 65)	\$29 (11 - 57)
Turkey	\$110 (46 - 224)	\$121 (50 - 248)	\$114 (52 - 212)	\$110 (46 - 224)	\$82 (33 - 170)
United Arab Emirates	\$66 (24 - 139)	\$73 (26 - 154)	\$175 (65 - 379)	\$98 (36 - 218)	\$66 (24 - 139)
Yemen	\$1 (0 - 1)	\$1 (0 - 1)	\$1 (0 - 1)	\$1 (0 - 1)	\$1 (0 - 1)
South Asia	\$15 (7 - 27)	\$15 (7 - 27)	\$15 (7 - 27)	\$15 (7 - 27)	\$14 (7 - 25)
Bangladesh	\$46 (20 - 81)	\$46 (20 - 81)	\$46 (20 - 81)	\$46 (20 - 81)	\$46 (19 - 81)

Bhutan	\$128 (49 - 255)	\$129 (49 - 256)	\$128 (49 - 255)	\$128 (49 - 255)	\$129 (47 - 261)
India	\$13 (6 - 23)	\$13 (6 - 24)	\$13 (6 - 23)	\$13 (6 - 23)	\$11 (5 - 21)
Nepal	\$30 (13 - 55)	\$30 (13 - 55)	\$30 (13 - 54)	\$30 (13 - 55)	\$30 (13 - 56)
Pakistan	\$9 (4 - 16)	\$9 (4 - 16)	\$9 (4 - 16)	\$9 (4 - 15)	\$9 (4 - 16)
East Asia	\$1,005 (441 - 2,012)	\$1,006 (441 - 2,012)	\$1,009 (444 - 2,014)	\$1,005 (441 - 2,012)	\$801 (338 - 1,643)
China	\$1,036 (453 - 2,073)	\$1,036 (453 - 2,073)	\$1,036 (453 - 2,073)	\$1,036 (453 - 2,073)	\$825 (347 - 1,708)
Democratic People's Republic of Korea	\$12 (5 - 22)	\$12 (5 - 22)	\$12 (5 - 22)	\$12 (5 - 21)	\$12 (5 - 22)
Taiwan (Province of China)	\$430 (182 - 863)	\$445 (187 - 896)	\$687 (294 - 1,280)	\$430 (182 - 863)	\$360 (156 - 703)
Oceania	\$12 (5 - 21)	\$12 (5 - 21)	\$13 (6 - 22)	\$12 (5 - 20)	\$12 (5 - 21)
American Samoa	\$30 (11 - 66)	\$32 (11 - 67)	\$37 (16 - 72)	\$30 (12 - 62)	\$30 (11 - 66)
Cook Islands	\$184 (72 - 385)	\$192 (76 - 406)	\$208 (89 - 412)	\$186 (78 - 378)	\$184 (71 - 386)
Fiji	\$24 (8 - 48)	\$24 (8 - 50)	\$26 (9 - 53)	\$24 (8 - 48)	\$24 (8 - 48)
Guam	\$144 (53 - 320)	\$149 (55 - 332)	\$194 (82 - 393)	\$147 (59 - 319)	\$144 (53 - 320)
Kiribati	\$6 (2 - 11)	\$6 (2 - 11)	\$6 (2 - 12)	\$6 (2 - 11)	\$6 (2 - 11)
Marshall Islands	\$14 (5 - 27)	\$14 (6 - 28)	\$15 (6 - 28)	\$14 (5 - 26)	\$14 (5 - 27)
Micronesia (Federated States of)	\$23 (7 - 50)	\$23 (7 - 50)	\$24 (8 - 51)	\$22 (7 - 48)	\$23 (7 - 50)
Nauru	\$41 (17 - 77)	\$42 (17 - 79)	\$42 (18 - 79)	\$41 (17 - 77)	\$42 (16 - 81)

Niue	\$179 (69 - 369)	\$205 (86 - 404)	\$185 (76 - 367)	\$177 (72 - 355)	\$181 (67 - 377)
Northern Mariana Islands	\$98 (37 - 204)	\$98 (37 - 204)	\$144 (64 - 262)	\$95 (39 - 185)	\$98 (37 - 204)
Palau	\$98 (38 - 197)	\$98 (38 - 197)	\$120 (53 - 223)	\$97 (40 - 189)	\$98 (38 - 197)
Papua New Guinea	\$9 (4 - 15)	\$9 (4 - 16)	\$9 (4 - 16)	\$9 (4 - 15)	\$9 (4 - 16)
Samoa	\$13 (5 - 24)	\$13 (5 - 25)	\$14 (6 - 25)	\$13 (5 - 23)	\$13 (5 - 24)
Solomon Islands	\$12 (5 - 22)	\$12 (5 - 23)	\$12 (5 - 23)	\$12 (5 - 22)	\$12 (5 - 22)
Tokelau	\$64 (25 - 137)	\$66 (26 - 140)	\$66 (27 - 135)	\$65 (26 - 136)	\$64 (25 - 137)
Tonga	\$27 (10 - 52)	\$27 (10 - 53)	\$28 (11 - 55)	\$26 (10 - 50)	\$27 (10 - 52)
Tuvalu	\$12 (5 - 22)	\$13 (6 - 24)	\$13 (6 - 24)	\$12 (5 - 22)	\$12 (5 - 22)
Vanuatu	\$9 (4 - 17)	\$9 (4 - 18)	\$10 (4 - 18)	\$9 (4 - 17)	\$9 (4 - 17)
Southeast Asia	\$41 (16 - 82)	\$41 (16 - 82)	\$43 (19 - 82)	\$42 (18 - 85)	\$40 (16 - 83)
Cambodia	\$52 (17 - 111)	\$52 (17 - 111)	\$52 (17 - 111)	\$52 (17 - 111)	\$53 (17 - 113)
Indonesia	\$19 (8 - 39)	\$19 (8 - 39)	\$20 (9 - 41)	\$20 (8 - 40)	\$19 (7 - 40)
Lao People's Democratic Republic	\$28 (9 - 63)	\$29 (10 - 64)	\$28 (9 - 63)	\$28 (9 - 63)	\$28 (9 - 63)
Malaysia	\$47 (18 - 108)	\$47 (18 - 108)	\$54 (24 - 114)	\$50 (19 - 109)	\$46 (17 - 108)
Maldives	\$55 (19 - 122)	\$60 (21 - 133)	\$64 (27 - 134)	\$59 (21 - 127)	\$54 (19 - 123)
Mauritius	\$79 (30 - 171)	\$79 (30 - 171)	\$89 (40 - 178)	\$84 (33 - 177)	\$77 (29 - 169)

Myanmar	\$41 (15 - 87)	\$41 (15 - 87)	\$41 (15 - 87)	\$41 (15 - 87)	\$40 (14 - 90)
Philippines	\$15 (5 - 33)	\$15 (5 - 33)	\$15 (6 - 33)	\$15 (5 - 33)	\$15 (5 - 34)
Seychelles	\$68 (23 - 160)	\$72 (25 - 168)	\$80 (31 - 173)	\$70 (25 - 157)	\$67 (23 - 159)
Sri Lanka	\$27 (11 - 58)	\$27 (11 - 58)	\$29 (12 - 58)	\$29 (11 - 59)	\$26 (10 - 55)
Thailand	\$194 (74 - 408)	\$194 (74 - 408)	\$220 (98 - 431)	\$212 (86 - 436)	\$188 (70 - 397)
Timor-Leste	\$15 (5 - 32)	\$15 (5 - 32)	\$16 (5 - 33)	\$15 (5 - 32)	\$15 (5 - 32)
Viet Nam	\$46 (17 - 101)	\$46 (17 - 101)	\$46 (17 - 101)	\$47 (17 - 102)	\$45 (16 - 101)
Central Sub-Saharan Africa	\$10 (4 - 18)	\$10 (5 - 18)	\$10 (5 - 19)	\$10 (5 - 18)	\$10 (4 - 18)
Angola	\$14 (6 - 25)	\$14 (6 - 25)	\$14 (6 - 25)	\$14 (6 - 25)	\$14 (6 - 25)
Central African Republic	\$4 (2 - 6)	\$4 (2 - 6)	\$4 (2 - 6)	\$4 (2 - 6)	\$4 (2 - 6)
Congo	\$8 (3 - 16)	\$8 (3 - 16)	\$9 (3 - 17)	\$8 (3 - 16)	\$8 (3 - 16)
Democratic Republic of the Congo	\$9 (4 - 17)	\$9 (4 - 17)	\$9 (4 - 17)	\$9 (4 - 17)	\$9 (4 - 17)
Equatorial Guinea	\$32 (10 - 77)	\$33 (11 - 80)	\$34 (11 - 79)	\$33 (11 - 79)	\$32 (10 - 77)
Gabon	\$23 (9 - 46)	\$24 (9 - 48)	\$28 (12 - 54)	\$23 (10 - 46)	\$23 (9 - 46)
Eastern Sub-Saharan Africa	\$14 (7 - 23)	\$14 (7 - 23)	\$14 (7 - 23)	\$14 (7 - 23)	\$14 (7 - 23)
Burundi	\$4 (2 - 7)	\$4 (2 - 7)	\$4 (2 - 7)	\$4 (2 - 7)	\$4 (2 - 7)
Comoros	\$12 (5 - 24)	\$12 (5 - 24)	\$13 (5 - 25)	\$12 (5 - 23)	\$12 (5 - 24)

Djibouti	\$48 (18 - 99)	\$49 (18 - 100)	\$48 (18 - 99)	\$48 (18 - 99)	\$48 (17 - 100)
Eritrea	\$5 (2 - 10)	\$5 (2 - 10)	\$5 (2 - 11)	\$5 (2 - 10)	\$5 (2 - 10)
Ethiopia	\$20 (9 - 38)	\$20 (9 - 38)	\$20 (9 - 38)	\$20 (9 - 38)	\$21 (9 - 39)
Kenya	\$9 (4 - 15)	\$9 (4 - 16)	\$9 (4 - 16)	\$9 (4 - 15)	\$9 (4 - 16)
Madagascar	\$8 (4 - 13)	\$8 (4 - 13)	\$8 (4 - 13)	\$8 (4 - 12)	\$8 (4 - 13)
Malawi	\$8 (4 - 16)	\$8 (4 - 16)	\$8 (4 - 16)	\$8 (4 - 16)	\$9 (4 - 16)
Mozambique	\$11 (5 - 18)	\$11 (5 - 19)	\$11 (5 - 18)	\$11 (5 - 18)	\$11 (5 - 19)
Rwanda	\$23 (8 - 44)	\$23 (8 - 44)	\$23 (8 - 44)	\$23 (8 - 44)	\$23 (8 - 45)
Somalia	\$1 (0 - 2)	\$1 (0 - 2)	\$1 (0 - 2)	\$1 (0 - 2)	\$1 (0 - 2)
South Sudan	\$3 (1 - 5)	\$3 (1 - 5)	\$3 (1 - 5)	\$3 (1 - 5)	\$3 (1 - 5)
Uganda	\$11 (4 - 19)	\$11 (5 - 19)	\$11 (4 - 19)	\$10 (4 - 19)	\$11 (4 - 19)
United Republic of Tanzania	\$25 (11 - 42)	\$25 (11 - 42)	\$25 (11 - 42)	\$25 (11 - 42)	\$25 (11 - 43)
Zambia	\$15 (6 - 30)	\$16 (6 - 30)	\$16 (6 - 30)	\$15 (6 - 30)	\$16 (6 - 31)
Southern Sub-Saharan Africa	\$28 (12 - 51)	\$29 (13 - 51)	\$32 (15 - 54)	\$29 (13 - 50)	\$28 (12 - 50)
Botswana	\$34 (14 - 66)	\$36 (15 - 68)	\$37 (17 - 71)	\$35 (15 - 67)	\$33 (13 - 66)
Eswatini	\$17 (6 - 34)	\$17 (7 - 35)	\$17 (7 - 34)	\$17 (7 - 34)	\$17 (6 - 35)
Lesotho	\$18 (7 - 34)	\$18 (7 - 34)	\$18 (7 - 34)	\$18 (7 - 33)	\$18 (7 - 34)

Namibia	\$34 (13 - 68)	\$35 (13 - 69)	\$36 (14 - 70)	\$34 (13 - 67)	\$34 (12 - 68)
South Africa	\$33 (14 - 61)	\$34 (14 - 64)	\$38 (18 - 68)	\$34 (14 - 62)	\$32 (14 - 61)
Zimbabwe	\$17 (8 - 30)	\$17 (8 - 30)	\$18 (8 - 31)	\$17 (8 - 29)	\$17 (8 - 30)
Western Sub-Saharan Africa	\$9 (5 - 16)	\$10 (5 - 16)	\$10 (5 - 16)	\$9 (5 - 16)	\$10 (5 - 16)
Benin	\$9 (4 - 13)	\$9 (4 - 13)	\$9 (4 - 13)	\$8 (4 - 13)	\$9 (4 - 13)
Burkina Faso	\$10 (6 - 16)	\$10 (6 - 16)	\$10 (6 - 16)	\$10 (6 - 16)	\$10 (6 - 16)
Cabo Verde	\$61 (23 - 124)	\$63 (23 - 127)	\$63 (23 - 121)	\$61 (23 - 123)	\$61 (22 - 125)
Cameroon	\$11 (5 - 21)	\$11 (5 - 21)	\$11 (5 - 21)	\$11 (5 - 20)	\$11 (5 - 21)
Chad	\$4 (2 - 7)	\$4 (2 - 7)	\$4 (2 - 7)	\$4 (2 - 7)	\$4 (2 - 7)
Côte d'Ivoire	\$7 (4 - 12)	\$7 (4 - 13)	\$8 (4 - 13)	\$7 (4 - 12)	\$7 (4 - 12)
Gambia	\$4 (2 - 8)	\$4 (2 - 8)	\$4 (2 - 8)	\$4 (2 - 8)	\$4 (2 - 8)
Ghana	\$26 (10 - 51)	\$26 (10 - 51)	\$26 (10 - 50)	\$26 (10 - 50)	\$26 (10 - 52)
Guinea	\$8 (4 - 13)	\$8 (4 - 13)	\$8 (4 - 13)	\$7 (4 - 13)	\$8 (4 - 13)
Guinea-Bissau	\$6 (3 - 11)	\$6 (3 - 11)	\$6 (3 - 11)	\$6 (3 - 10)	\$6 (3 - 11)
Liberia	\$6 (2 - 11)	\$6 (2 - 11)	\$6 (3 - 11)	\$6 (2 - 11)	\$6 (2 - 11)
Mali	\$4 (2 - 5)	\$4 (2 - 5)	\$4 (2 - 5)	\$4 (2 - 5)	\$4 (2 - 5)
Mauritania	\$8 (4 - 12)	\$8 (4 - 13)	\$8 (4 - 13)	\$8 (4 - 12)	\$8 (4 - 12)

Niger	\$5 (3 - 8)	\$5 (3 - 8)	\$5 (3 - 8)	\$5 (3 - 8)	\$5 (3 - 8)
Nigeria	\$10 (4 - 19)	\$10 (4 - 19)	\$10 (4 - 19)	\$10 (4 - 19)	\$10 (4 - 19)
Sao Tome and Principe	\$19 (7 - 38)	\$19 (7 - 39)	\$19 (8 - 38)	\$19 (7 - 38)	\$19 (7 - 39)
Senegal	\$12 (6 - 19)	\$12 (6 - 19)	\$12 (6 - 19)	\$12 (6 - 19)	\$12 (6 - 19)
Sierra Leone	\$7 (3 - 13)	\$7 (3 - 13)	\$7 (3 - 13)	\$7 (3 - 13)	\$7 (3 - 13)
Togo	\$15 (7 - 28)	\$15 (7 - 28)	\$15 (7 - 28)	\$15 (7 - 28)	\$15 (7 - 28)

Supplementary Table 27. Diagnosis, treatment, and institutionalization rates by GBD region and country in 2019 and 2050; baseline and alternate projections

	Diagnosis rates 2019	Diagnosis rates 2050 (baseline)	Diagnosis rates 2050 (accelerated)	Nursing home based care rates 2019	Nursing home rates 2050 (baseline)	Nursing home rates 2050 (accelerated)	Nursing home rates 2050 (decelerated)
Central Asia	6.5% (5.1%-8.2%)	10.7% (8.3%-13.8%)	14.8% (11.8%-19.1%)	8.4% (7.0%-10.0%)	13.0% (10.9%-15.7%)	13.1% (11.0%-15.9%)	5.9% (4.9%-7.4%)
Armenia	13.5% (10.6%-17.2%)	39.5% (32.8%-48.0%)	39.5% (32.8%-48.0%)	9.5% (7.9%-11.4%)	15.3% (12.8%-18.4%)	15.3% (12.8%-18.4%)	6.9% (5.6%-8.4%)
Azerbaijan	7.0% (5.5%-8.9%)	18.4% (14.7%-23.3%)	18.4% (14.7%-23.3%)	9.9% (8.3%-11.9%)	19.1% (16.2%-22.9%)	19.1% (16.2%-22.9%)	7.2% (5.9%-8.8%)
Georgia	12.7% (10.0%-16.2%)	26.1% (21.0%-32.9%)	27.2% (21.9%-34.3%)	9.3% (7.8%-11.2%)	15.9% (13.4%-19.1%)	15.9% (13.4%-19.1%)	6.8% (5.6%-8.3%)
Kazakhstan	8.8% (6.9%-11.2%)	10.8% (8.4%-13.9%)	19.9% (15.8%-25.4%)	13.4% (11.2%-16.0%)	18.9% (15.9%-22.8%)	18.9% (15.9%-22.8%)	9.8% (8.0%-12.0%)
Kyrgyzstan	4.3% (3.3%-5.4%)	5.0% (3.9%-6.5%)	10.3% (8.0%-13.4%)	5.2% (4.4%-6.3%)	6.0% (5.0%-7.3%)	7.7% (6.4%-9.3%)	3.7% (3.1%-4.6%)
Mongolia	5.9% (4.7%-7.6%)	11.5% (9.1%-14.7%)	14.0% (11.0%-18.1%)	9.3% (7.8%-11.2%)	15.8% (13.3%-19.0%)	15.8% (13.3%-19.0%)	6.8% (5.6%-8.3%)

Tajikistan	3.2% (2.5%-4.0%)	5.9% (4.6%-7.5%)	7.8% (6.0%-10.2%)	4.0% (3.4%-4.8%)	6.2% (5.1%-7.5%)	6.2% (5.1%-7.5%)	2.9% (2.4%-3.5%)
Turkmenistan	11.2% (8.8%-14.3%)	24.3% (19.5%-30.6%)	24.5% (19.6%-31.0%)	12.8% (10.7%-15.4%)	23.5% (19.9%-28.0%)	23.5% (19.9%-28.0%)	9.4% (7.7%-11.5%)
Uzbekistan	4.4% (3.5%-5.6%)	6.6% (5.1%-8.5%)	10.7% (8.3%-13.9%)	6.0% (5.0%-7.2%)	9.7% (8.1%-11.7%)	9.7% (8.1%-11.7%)	4.3% (3.5%-5.2%)
Central Europe	21.3% (16.7%-27.2%)	36.4% (29.4%-45.5%)	41.0% (33.7%-49.9%)	16.5% (13.9%-19.8%)	20.3% (16.9%-24.4%)	23.1% (19.4%-27.7%)	12.3% (10.1%-15.1%)
Albania	12.3% (9.6%-15.7%)	23.1% (18.4%-29.3%)	26.5% (21.2%-33.3%)	10.5% (8.8%-12.6%)	14.5% (12.2%-17.5%)	15.0% (12.6%-18.2%)	7.6% (6.3%-9.3%)
Bosnia and Herzegovina	16.2% (12.7%-20.6%)	30.7% (24.7%-38.6%)	33.2% (26.9%-41.2%)	10.8% (9.1%-13.0%)	13.2% (11.0%-15.9%)	15.5% (13.0%-18.7%)	7.9% (6.5%-9.6%)
Bulgaria	20.6% (16.2%-26.2%)	36.3% (29.3%-45.5%)	39.9% (32.7%-48.9%)	14.2% (11.9%-17.0%)	18.2% (15.3%-22.0%)	20.0% (16.8%-24.1%)	10.4% (8.6%-12.8%)
Croatia	22.3% (17.5%-28.4%)	27.7% (21.8%-35.6%)	42.3% (34.8%-51.6%)	16.8% (14.1%-20.1%)	15.8% (13.0%-19.2%)	23.3% (19.6%-28.0%)	12.4% (10.2%-15.2%)
Czechia	29.3% (23.0%-37.4%)	49.2% (40.2%-60.6%)	51.5% (43.0%-61.7%)	21.4% (17.9%-25.6%)	22.4% (18.6%-27.1%)	29.1% (24.6%-34.7%)	16.1% (13.1%-19.7%)
Hungary	23.1% (18.2%-29.5%)	29.7% (23.5%-38.0%)	43.6% (35.9%-53.0%)	17.8% (14.9%-21.3%)	18.0% (14.9%-21.8%)	24.6% (20.8%-29.5%)	13.2% (10.8%-16.2%)
Montenegro	17.6% (13.8%-22.5%)	31.3% (25.1%-39.4%)	35.5% (28.9%-43.9%)	13.1% (11.0%-15.7%)	14.7% (12.3%-17.8%)	18.6% (15.6%-22.4%)	9.6% (7.9%-11.8%)
North Macedonia	14.6% (11.4%-18.6%)	19.2% (15.1%-24.6%)	30.5% (24.6%-38.1%)	11.1% (9.3%-13.3%)	12.6% (10.5%-15.3%)	15.8% (13.3%-19.1%)	8.1% (6.6%-9.9%)
Poland	21.3% (16.8%-27.2%)	38.2% (30.9%-47.6%)	41.0% (33.7%-50.2%)	17.2% (14.4%-20.6%)	22.4% (18.8%-26.9%)	23.9% (20.1%-28.6%)	12.8% (10.4%-15.7%)
Romania	19.6% (15.4%-25.0%)	36.2% (29.3%-45.2%)	38.5% (31.5%-47.3%)	15.8% (13.2%-18.9%)	21.5% (18.1%-25.9%)	22.0% (18.5%-26.4%)	11.6% (9.5%-14.3%)

Serbia	16.5% (12.9%-21.0%)	27.6% (22.1%-35.0%)	33.6% (27.3%-41.7%)	12.3% (10.3%-14.7%)	14.9% (12.4%-18.0%)	17.5% (14.6%-21.1%)	9.0% (7.4%-11.0%)
Slovakia	23.4% (18.3%-29.8%)	42.3% (34.5%-52.5%)	43.9% (36.2%-53.3%)	19.1% (16.0%-22.8%)	24.2% (20.3%-29.1%)	26.2% (22.1%-31.3%)	14.2% (11.6%-17.4%)
Slovenia	31.1% (24.4%-39.6%)	43.0% (34.5%-54.3%)	53.6% (44.9%-63.9%)	21.9% (18.3%-26.2%)	20.5% (16.9%-24.9%)	29.7% (25.1%-35.4%)	16.4% (13.4%-20.2%)
Eastern Europe	15.5% (12.2%-19.8%)	23.7% (18.8%-30.1%)	32.2% (26.1%-40.0%)	13.3% (11.1%-15.9%)	15.7% (13.0%-18.9%)	19.0% (16.0%-22.8%)	9.9% (8.1%-12.1%)
Belarus	13.5% (10.6%-17.2%)	22.4% (17.8%-28.5%)	28.6% (23.0%-35.8%)	11.3% (9.5%-13.6%)	16.4% (13.8%-19.8%)	16.4% (13.8%-19.8%)	8.2% (6.8%-10.1%)
Estonia	27.3% (21.4%-34.8%)	48.0% (39.4%-59.2%)	49.0% (40.7%-59.0%)	20.9% (17.5%-25.1%)	24.0% (20.1%-29.0%)	28.5% (24.1%-34.0%)	15.7% (12.8%-19.3%)
Latvia	24.2% (19.0%-30.8%)	40.4% (32.7%-50.5%)	44.9% (37.1%-54.5%)	18.5% (15.5%-22.2%)	23.7% (19.9%-28.6%)	25.5% (21.5%-30.6%)	13.8% (11.3%-16.9%)
Lithuania	25.6% (20.1%-32.7%)	47.6% (39.1%-58.4%)	47.6% (39.1%-58.4%)	19.5% (16.3%-23.4%)	27.9% (23.6%-33.4%)	27.9% (23.6%-33.4%)	14.6% (11.9%-17.9%)
Republic of Moldova	10.4% (8.2%-13.3%)	18.2% (14.4%-23.2%)	23.1% (18.4%-29.3%)	8.9% (7.5%-10.7%)	12.8% (10.7%-15.4%)	12.9% (10.8%-15.6%)	6.5% (5.3%-7.9%)
Russian Federation	16.3% (12.8%-20.8%)	24.4% (19.4%-31.2%)	33.3% (27.0%-41.4%)	14.5% (12.1%-17.3%)	16.9% (14.1%-20.4%)	20.3% (17.1%-24.4%)	10.6% (8.7%-13.0%)
Ukraine	12.6% (9.9%-16.1%)	17.9% (14.1%-23.0%)	27.0% (21.7%-34.0%)	9.2% (7.7%-11.0%)	8.6% (7.1%-10.5%)	13.2% (11.1%-16.0%)	6.6% (5.5%-8.1%)
Australasia	41.7% (32.8%-53.2%)	57.3% (46.3%-70.9%)	64.6% (55.2%-75.3%)	23.5% (19.8%-28.1%)	26.7% (22.3%-31.9%)	31.7% (26.9%-37.6%)	17.8% (14.6%-21.8%)
Australia	42.5% (33.4%-54.2%)	58.1% (46.9%-72.0%)	65.3% (55.8%-76.1%)	23.6% (19.9%-28.1%)	27.8% (23.3%-33.2%)	31.8% (27.0%-37.7%)	17.8% (14.6%-21.9%)
New Zealand	37.4% (29.4%-47.7%)	52.4% (42.3%-65.4%)	60.4% (51.2%-71.1%)	23.2% (19.4%-27.8%)	19.8% (16.2%-24.3%)	31.3% (26.5%-37.2%)	17.5% (14.3%-21.5%)

High-income Asia Pacific	39.1% (31.5%-48.8%)	67.0% (58.5%-77.6%)	67.1% (58.6%-77.6%)	23.0% (19.7%-27.0%)	18.9% (15.9%-22.7%)	30.8% (26.6%-36.1%)	15.1% (12.5%-18.3%)
Brunei Darussalam	11.9% (9.4%-15.2%)	11.1% (8.5%-14.4%)	25.9% (20.7%-32.6%)	23.7% (19.9%-28.4%)	11.6% (9.0%-14.9%)	31.9% (27.0%-38.0%)	11.6% (9.0%-14.9%)
Japan	44.2% (35.9%-54.8%)	70.6% (62.4%-80.9%)	70.6% (62.4%-80.9%)	25.4% (21.9%-29.7%)	15.9% (13.3%-19.3%)	33.9% (29.4%-39.4%)	15.9% (13.3%-19.3%)
Republic of Korea	28.3% (22.3%-36.2%)	62.2% (53.1%-73.0%)	62.2% (53.1%-73.0%)	17.3% (14.5%-20.7%)	23.6% (19.9%-28.3%)	24.0% (20.2%-28.7%)	12.8% (10.5%-15.7%)
Singapore	26.7% (21.0%-34.1%)	51.4% (42.5%-62.4%)	51.4% (42.5%-62.4%)	22.9% (19.2%-27.3%)	30.8% (26.1%-36.7%)	30.9% (26.2%-36.7%)	17.3% (14.1%-21.2%)
High-income North America	55.9% (46.2%-67.4%)	74.5% (60.7%-87.0%)	76.3% (62.7%-88.4%)	34.6% (29.8%-40.5%)	31.4% (25.5%-38.8%)	44.1% (38.4%-51.1%)	27.1% (22.6%-32.8%)
Canada	37.6% (31.1%-46.0%)	44.8% (36.4%-56.3%)	60.7% (53.2%-69.7%)	20.2% (17.0%-24.2%)	20.1% (16.7%-24.4%)	27.7% (23.4%-33.0%)	15.1% (12.4%-18.6%)
Greenland	34.2% (26.9%-43.7%)	54.3% (44.4%-66.8%)	57.1% (48.1%-67.6%)	31.7% (26.6%-38.0%)	37.2% (31.3%-44.7%)	41.1% (35.1%-48.6%)	24.6% (20.0%-30.4%)
United States of America	57.9% (47.8%-70.1%)	78.2% (63.8%-90.9%)	78.2% (63.8%-90.9%)	36.2% (31.2%-42.4%)	32.8% (26.6%-40.5%)	46.1% (40.3%-53.2%)	28.6% (23.8%-34.5%)
Southern Latin America	18.7% (14.6%-23.8%)	29.4% (23.5%-37.1%)	37.0% (30.2%-45.6%)	22.7% (19.1%-27.2%)	29.7% (25.0%-35.7%)	31.3% (26.5%-37.3%)	17.2% (14.0%-21.1%)
Argentina	17.4% (13.7%-22.2%)	25.3% (20.0%-32.3%)	35.1% (28.6%-43.5%)	22.5% (18.8%-26.9%)	28.0% (23.5%-33.9%)	30.4% (25.7%-36.2%)	16.9% (13.8%-20.8%)
Chile	20.9% (16.4%-26.7%)	38.6% (31.2%-48.0%)	40.4% (33.2%-49.5%)	23.5% (19.7%-28.0%)	33.2% (28.3%-39.6%)	33.2% (28.3%-39.6%)	17.8% (14.5%-21.8%)
Uruguay	23.0% (18.0%-29.3%)	31.8% (25.3%-40.5%)	43.3% (35.7%-52.8%)	22.7% (19.0%-27.2%)	31.7% (26.8%-38.0%)	31.7% (26.8%-38.0%)	17.1% (14.0%-21.0%)
Western Europe	42.3% (33.9%-53.1%)	48.2% (39.0%-60.4%)	64.9% (56.4%-74.9%)	30.3% (25.7%-35.9%)	28.1% (23.3%-34.4%)	39.9% (34.5%-46.8%)	22.6% (18.5%-27.7%)

Andorra	29.4% (23.1%-37.5%)	29.7% (23.0%-38.4%)	51.6% (43.1%-61.8%)	30.2% (25.3%-36.1%)	23.1% (18.6%-28.8%)	39.4% (33.6%-46.6%)	23.1% (18.6%-28.8%)
Austria	43.3% (34.0%-55.2%)	49.2% (38.9%-62.9%)	66.0% (56.5%-76.9%)	33.4% (28.0%-40.0%)	31.5% (25.9%-38.4%)	43.0% (36.7%-50.7%)	26.0% (21.2%-32.2%)
Belgium	42.9% (33.7%-54.8%)	50.3% (40.1%-64.2%)	65.7% (56.2%-76.5%)	32.5% (27.2%-38.9%)	30.6% (25.2%-37.3%)	42.0% (35.8%-49.6%)	25.3% (20.6%-31.3%)
Cyprus	21.8% (17.2%-27.9%)	25.8% (20.2%-33.2%)	41.8% (34.3%-51.0%)	24.5% (20.5%-29.3%)	21.3% (17.5%-26.1%)	32.8% (27.8%-39.1%)	18.6% (15.2%-22.9%)
Denmark	46.9% (36.8%-59.8%)	56.9% (45.5%-71.8%)	69.2% (59.5%-80.0%)	43.3% (36.6%-51.3%)	45.6% (38.5%-54.8%)	53.4% (46.3%-61.9%)	34.9% (28.6%-42.9%)
Finland	46.8% (36.9%-59.7%)	59.3% (46.9%-75.1%)	69.1% (59.6%-79.9%)	29.4% (24.8%-35.0%)	23.3% (19.2%-28.6%)	38.6% (33.0%-45.3%)	22.7% (18.6%-27.7%)
France	41.8% (32.8%-53.4%)	48.1% (38.1%-61.5%)	64.7% (55.3%-75.5%)	23.3% (19.6%-27.8%)	22.6% (18.8%-27.4%)	31.4% (26.6%-37.3%)	17.6% (14.4%-21.6%)
Germany	45.8% (36.8%-57.3%)	56.5% (46.7%-69.2%)	68.3% (59.5%-78.3%)	32.4% (27.6%-38.2%)	38.7% (32.7%-46.8%)	41.9% (36.3%-48.8%)	25.2% (20.9%-30.6%)
Greece	27.7% (21.8%-35.4%)	24.8% (18.9%-32.6%)	49.6% (41.3%-59.6%)	20.9% (17.5%-25.1%)	14.9% (12.1%-18.5%)	28.5% (24.1%-34.1%)	14.9% (12.1%-18.5%)
Iceland	41.9% (32.9%-53.4%)	44.4% (34.6%-57.0%)	64.7% (55.3%-75.6%)	38.5% (32.3%-46.2%)	39.3% (32.6%-47.5%)	48.6% (41.6%-57.0%)	30.6% (24.8%-38.0%)
Ireland	39.8% (31.3%-50.5%)	55.8% (45.4%-69.1%)	62.8% (53.5%-73.3%)	40.8% (34.2%-48.9%)	46.3% (39.0%-55.6%)	51.0% (43.7%-59.7%)	32.7% (26.5%-40.6%)
Israel	29.9% (23.5%-38.2%)	36.4% (28.8%-46.5%)	52.2% (43.7%-62.5%)	44.7% (37.6%-53.4%)	44.8% (36.0%-55.7%)	54.9% (47.3%-63.9%)	36.3% (29.4%-45.0%)
Italy	45.7% (36.1%-57.7%)	34.7% (25.7%-46.8%)	68.2% (58.8%-78.6%)	27.3% (22.9%-32.7%)	20.8% (16.8%-25.9%)	36.1% (30.7%-42.8%)	20.8% (16.8%-25.9%)
Luxembourg	42.8% (33.6%-54.7%)	29.3% (19.7%-42.3%)	65.6% (56.1%-76.4%)	50.9% (42.7%-61.0%)	46.1% (37.1%-57.3%)	60.9% (52.6%-70.7%)	42.2% (34.0%-52.8%)

Malta	35.6% (28.0%-45.5%)	59.7% (49.4%-72.1%)	59.7% (49.4%-72.1%)	27.2% (22.8%-32.6%)	34.1% (28.8%-40.8%)	36.1% (30.6%-42.8%)	20.8% (17.0%-25.7%)
Monaco	40.2% (31.6%-51.3%)	43.0% (33.6%-55.3%)	63.1% (53.8%-73.9%)	63.7% (53.4%-76.4%)	69.2% (58.5%-82.6%)	72.5% (63.1%-83.3%)	55.4% (44.2%-69.8%)
Netherlands	49.3% (38.8%-62.8%)	58.7% (45.9%-74.7%)	71.2% (61.5%-81.9%)	34.3% (28.8%-41.1%)	32.1% (26.4%-39.3%)	44.0% (37.6%-51.9%)	26.9% (21.8%-33.3%)
Norway	60.0% (47.4%-76.0%)	58.1% (42.2%-79.1%)	79.1% (69.4%-89.5%)	35.8% (30.5%-42.3%)	37.9% (31.3%-46.9%)	45.6% (39.6%-53.1%)	28.2% (23.3%-34.3%)
Portugal	31.7% (24.9%-40.4%)	34.3% (26.8%-44.2%)	54.2% (45.5%-64.6%)	23.1% (19.3%-27.7%)	20.1% (16.5%-24.6%)	31.1% (26.4%-37.1%)	17.4% (14.2%-21.4%)
San Marino	34.8% (27.3%-44.4%)	31.9% (24.2%-41.9%)	57.7% (48.7%-68.2%)	32.4% (27.1%-38.8%)	16.4% (12.2%-21.8%)	41.9% (35.7%-49.4%)	16.4% (12.2%-21.8%)
Spain	34.4% (27.0%-43.8%)	41.0% (32.3%-52.7%)	57.2% (48.3%-67.7%)	30.5% (26.1%-35.9%)	26.3% (21.7%-32.7%)	39.8% (34.5%-46.4%)	23.6% (19.6%-28.6%)
Sweden	43.7% (34.3%-55.6%)	65.5% (53.5%-79.6%)	66.4% (56.9%-77.2%)	42.7% (36.6%-50.3%)	49.3% (41.4%-59.7%)	52.9% (46.3%-61.0%)	34.4% (28.6%-41.9%)
Switzerland	44.3% (35.0%-56.1%)	53.1% (42.7%-66.8%)	66.9% (57.6%-77.5%)	42.9% (36.0%-51.5%)	41.0% (33.6%-50.1%)	53.1% (45.6%-62.1%)	34.6% (28.0%-43.1%)
United Kingdom	42.7% (35.3%-51.7%)	50.2% (42.3%-60.1%)	65.5% (58.0%-74.3%)	30.2% (26.0%-35.4%)	15.2% (12.4%-18.8%)	39.5% (34.4%-45.8%)	15.2% (12.4%-18.8%)
Andean Latin America	10.9% (8.6%-13.9%)	22.9% (18.3%-28.9%)	23.9% (19.1%-30.3%)	9.5% (8.0%-11.4%)	14.7% (12.3%-17.7%)	15.1% (12.7%-18.2%)	6.9% (5.6%-8.4%)
Bolivia (Plurinational State of)	8.7% (6.8%-11.1%)	18.3% (14.6%-23.2%)	19.7% (15.6%-25.1%)	7.4% (6.2%-8.9%)	10.7% (8.9%-12.9%)	10.8% (9.0%-13.0%)	5.3% (4.4%-6.5%)
Ecuador	12.4% (9.7%-15.8%)	26.8% (21.6%-33.7%)	26.8% (21.6%-33.7%)	9.8% (8.2%-11.7%)	12.5% (10.5%-15.1%)	14.0% (11.7%-17.0%)	7.1% (5.8%-8.6%)
Peru	10.9% (8.6%-13.9%)	22.5% (18.0%-28.4%)	24.0% (19.2%-30.4%)	10.1% (8.5%-12.1%)	17.3% (14.6%-20.7%)	17.3% (14.6%-20.7%)	7.3% (6.0%-8.9%)

Caribbean	14.7% (11.6%-18.8%)	26.1% (20.8%-32.3%)	28.9% (23.4%-35.5%)	13.5% (11.3%-16.1%)	17.4% (14.4%-21.1%)	19.3% (16.2%-23.2%)	9.2% (7.5%-11.3%)
Antigua and Barbuda	17.3% (13.6%-22.1%)	24.0% (19.0%-30.7%)	35.0% (28.4%-43.3%)	19.5% (16.3%-23.3%)	20.2% (16.8%-24.5%)	26.7% (22.5%-31.9%)	14.5% (11.9%-17.8%)
Bahamas	22.3% (17.5%-28.5%)	36.4% (29.3%-45.8%)	42.5% (35.0%-51.8%)	25.5% (21.4%-30.6%)	22.5% (18.4%-27.5%)	34.1% (28.9%-40.5%)	19.4% (15.9%-24.0%)
Barbados	23.3% (18.3%-29.8%)	28.2% (22.2%-36.3%)	43.8% (36.2%-53.3%)	20.2% (16.9%-24.2%)	20.1% (16.6%-24.4%)	27.6% (23.3%-33.0%)	15.1% (12.3%-18.5%)
Belize	8.5% (6.7%-10.9%)	12.0% (9.4%-15.5%)	19.3% (15.3%-24.7%)	10.5% (8.8%-12.6%)	10.7% (8.9%-13.0%)	15.1% (12.6%-18.2%)	7.7% (6.3%-9.4%)
Bermuda	57.7% (45.3%-73.7%)	86.1% (75.7%-95.8%)	86.1% (75.7%-95.8%)	49.8% (41.7%-59.6%)	48.5% (39.9%-59.1%)	59.8% (51.7%-69.5%)	41.1% (33.1%-51.4%)
Cuba	24.8% (19.5%-31.7%)	58.7% (49.9%-69.4%)	58.7% (49.9%-69.4%)	15.6% (13.1%-18.7%)	25.8% (21.8%-30.8%)	25.8% (21.8%-30.8%)	11.5% (9.4%-14.1%)
Dominica	14.5% (11.4%-18.5%)	20.8% (16.4%-26.6%)	30.3% (24.4%-37.9%)	13.6% (11.4%-16.3%)	16.4% (13.7%-19.9%)	19.2% (16.1%-23.1%)	9.9% (8.2%-12.2%)
Dominican Republic	12.2% (9.6%-15.6%)	27.1% (21.9%-34.0%)	27.1% (21.9%-34.0%)	13.7% (11.5%-16.4%)	22.9% (19.4%-27.4%)	22.9% (19.4%-27.4%)	10.0% (8.2%-12.3%)
Grenada	14.4% (11.3%-18.4%)	23.3% (18.5%-29.6%)	30.3% (24.4%-37.8%)	15.3% (12.9%-18.4%)	19.2% (16.0%-23.1%)	21.5% (18.1%-25.8%)	11.3% (9.3%-13.9%)
Guyana	9.2% (7.2%-11.8%)	20.0% (16.0%-25.4%)	20.7% (16.5%-26.4%)	11.6% (9.7%-13.9%)	18.7% (15.8%-22.4%)	18.7% (15.8%-22.4%)	8.5% (6.9%-10.3%)
Haiti	4.2% (3.3%-5.3%)	5.1% (3.9%-6.6%)	10.0% (7.8%-13.1%)	6.8% (5.7%-8.1%)	7.3% (6.1%-8.8%)	9.9% (8.2%-12.0%)	4.8% (4.0%-5.9%)
Jamaica	11.8% (9.3%-15.1%)	15.8% (12.4%-20.3%)	25.7% (20.5%-32.4%)	11.2% (9.4%-13.4%)	11.1% (9.2%-13.5%)	16.0% (13.4%-19.3%)	8.2% (6.7%-10.0%)
Puerto Rico	26.3% (20.6%-33.5%)	45.5% (37.0%-56.4%)	47.7% (39.6%-57.6%)	26.8% (22.5%-32.1%)	27.7% (23.0%-33.4%)	35.6% (30.2%-42.2%)	20.5% (16.7%-25.3%)

Saint Kitts and Nevis	17.3% (13.6%-22.0%)	22.5% (17.7%-28.8%)	34.9% (28.4%-43.2%)	20.6% (17.3%-24.7%)	25.1% (21.0%-30.2%)	28.2% (23.8%-33.7%)	15.5% (12.6%-19.0%)
Saint Lucia	14.7% (11.5%-18.7%)	21.3% (16.8%-27.3%)	30.6% (24.7%-38.2%)	15.7% (13.1%-18.8%)	17.9% (15.0%-21.7%)	21.9% (18.4%-26.3%)	11.6% (9.5%-14.2%)
Saint Vincent and the Grenadines	12.5% (9.8%-16.0%)	20.1% (15.9%-25.7%)	26.9% (21.6%-33.9%)	13.3% (11.2%-15.9%)	16.5% (13.7%-19.9%)	18.8% (15.8%-22.6%)	9.7% (8.0%-11.9%)
Suriname	13.3% (10.4%-16.9%)	23.1% (18.4%-29.3%)	28.2% (22.7%-35.4%)	11.4% (9.6%-13.7%)	15.2% (12.7%-18.3%)	16.3% (13.6%-19.6%)	8.3% (6.8%-10.2%)
Trinidad and Tobago	21.1% (16.6%-27.0%)	45.8% (37.8%-55.9%)	45.8% (37.8%-55.9%)	18.8% (15.8%-22.6%)	23.8% (20.0%-28.7%)	25.9% (21.8%-31.0%)	14.0% (11.5%-17.2%)
United States Virgin Islands	26.7% (20.9%-34.0%)	52.1% (43.2%-63.3%)	52.1% (43.2%-63.3%)	28.7% (24.0%-34.4%)	24.5% (20.0%-30.2%)	37.7% (32.1%-44.7%)	22.1% (18.0%-27.2%)
Central Latin America	12.5% (9.8%-16.0%)	21.3% (17.0%-26.9%)	27.3% (22.0%-34.3%)	7.9% (6.6%-9.5%)	9.4% (7.8%-11.3%)	11.6% (9.7%-14.1%)	5.7% (4.7%-6.9%)
Colombia	13.7% (10.8%-17.5%)	32.0% (26.0%-39.8%)	32.0% (26.0%-39.8%)	7.1% (5.9%-8.5%)	10.7% (8.9%-12.9%)	10.7% (8.9%-12.9%)	5.1% (4.2%-6.2%)
Costa Rica	18.1% (14.2%-23.1%)	37.4% (30.5%-46.4%)	37.4% (30.5%-46.4%)	9.9% (8.3%-11.8%)	14.6% (12.2%-17.6%)	14.6% (12.2%-17.6%)	7.2% (5.9%-8.8%)
El Salvador	10.8% (8.5%-13.8%)	14.9% (11.6%-19.1%)	23.8% (19.0%-30.2%)	6.0% (5.0%-7.2%)	7.5% (6.3%-9.1%)	8.8% (7.3%-10.7%)	4.3% (3.5%-5.3%)
Guatemala	9.1% (7.2%-11.6%)	14.0% (11.0%-18.0%)	20.5% (16.3%-26.2%)	6.2% (5.2%-7.5%)	7.6% (6.3%-9.2%)	9.1% (7.6%-11.1%)	4.5% (3.7%-5.4%)
Honduras	7.3% (5.8%-9.4%)	11.5% (9.0%-14.8%)	16.9% (13.4%-21.8%)	4.9% (4.1%-5.9%)	6.3% (5.2%-7.6%)	7.2% (6.0%-8.8%)	3.5% (2.9%-4.3%)
Mexico	13.5% (10.6%-17.2%)	21.4% (16.9%-27.3%)	28.6% (23.0%-35.9%)	9.2% (7.7%-11.0%)	10.2% (8.5%-12.3%)	13.3% (11.1%-16.1%)	6.7% (5.5%-8.1%)
Nicaragua	7.2% (5.6%-9.2%)	15.5% (12.2%-19.7%)	16.6% (13.1%-21.4%)	4.2% (3.5%-5.0%)	5.7% (4.8%-6.9%)	6.2% (5.1%-7.5%)	3.0% (2.5%-3.6%)

Panama	19.1% (15.0%-24.3%)	40.5% (33.2%-49.9%)	40.5% (33.2%-49.9%)	11.2% (9.4%-13.4%)	21.4% (18.1%-25.5%)	21.4% (18.1%-25.5%)	8.1% (6.7%-9.9%)
Venezuela (Bolivarian Republic of)	9.9% (7.8%-12.6%)	8.7% (6.7%-11.3%)	22.1% (17.6%-28.1%)	6.3% (5.2%-7.5%)	4.4% (3.6%-5.3%)	9.1% (7.6%-11.1%)	4.4% (3.6%-5.3%)
Tropical Latin America	24.2% (19.2%-30.5%)	39.7% (32.7%-48.7%)	44.9% (37.4%-54.0%)	10.6% (8.8%-12.6%)	12.6% (10.5%-15.3%)	15.1% (12.6%-18.2%)	7.7% (6.3%-9.4%)
Brazil	24.5% (19.5%-30.9%)	40.0% (33.0%-49.1%)	45.4% (37.9%-54.6%)	10.6% (8.9%-12.7%)	12.6% (10.5%-15.3%)	15.2% (12.7%-18.3%)	7.7% (6.3%-9.4%)
Paraguay	14.4% (11.3%-18.4%)	30.2% (24.4%-37.8%)	30.2% (24.4%-37.8%)	8.9% (7.4%-10.6%)	12.6% (10.5%-15.2%)	12.8% (10.7%-15.5%)	6.4% (5.3%-7.8%)
North Africa and Middle East	8.1% (6.3%-10.3%)	11.3% (8.8%-14.3%)	16.7% (13.2%-21.2%)	10.7% (8.9%-12.8%)	12.6% (10.5%-15.2%)	14.5% (12.0%-17.4%)	7.1% (5.7%-8.6%)
Afghanistan	3.2% (2.6%-4.1%)	4.5% (3.5%-5.8%)	8.0% (6.2%-10.4%)	3.5% (2.9%-4.2%)	6.4% (5.3%-7.7%)	6.4% (5.3%-7.7%)	2.5% (2.0%-3.0%)
Algeria	7.8% (6.1%-9.9%)	16.8% (13.3%-21.3%)	17.8% (14.1%-22.8%)	8.5% (7.1%-10.1%)	10.3% (8.5%-12.4%)	12.2% (10.2%-14.8%)	6.1% (5.0%-7.5%)
Bahrain	11.6% (9.1%-14.8%)	14.1% (11.0%-18.1%)	25.2% (20.2%-31.9%)	20.6% (17.3%-24.7%)	20.0% (16.5%-24.3%)	28.2% (23.8%-33.6%)	15.5% (12.6%-19.0%)
Egypt	6.0% (4.7%-7.7%)	7.7% (5.9%-9.9%)	14.2% (11.2%-18.4%)	8.2% (6.9%-9.8%)	11.0% (9.2%-13.3%)	11.9% (9.9%-14.4%)	5.9% (4.9%-7.2%)
Iran (Islamic Republic of)	14.5% (11.4%-18.5%)	26.5% (21.2%-33.6%)	30.4% (24.5%-37.9%)	16.7% (14.0%-20.0%)	20.7% (17.3%-25.0%)	23.2% (19.5%-27.8%)	12.4% (10.1%-15.2%)
Iraq	6.5% (5.1%-8.3%)	11.3% (8.8%-14.4%)	15.2% (11.9%-19.5%)	10.4% (8.7%-12.5%)	14.5% (12.1%-17.4%)	14.9% (12.5%-18.0%)	7.6% (6.2%-9.2%)
Jordan	7.1% (5.5%-9.0%)	6.1% (4.7%-7.9%)	16.4% (12.9%-21.0%)	9.1% (7.6%-10.9%)	9.4% (7.7%-11.3%)	13.1% (10.9%-15.8%)	6.6% (5.4%-8.0%)
Kuwait	13.9% (10.9%-17.7%)	14.9% (11.6%-19.3%)	29.3% (23.6%-36.6%)	23.6% (19.8%-28.3%)	19.9% (16.3%-24.4%)	31.8% (26.9%-37.8%)	17.9% (14.6%-22.0%)

Lebanon	12.5% (9.8%-16.0%)	11.4% (8.8%-14.8%)	26.9% (21.6%-33.9%)	10.1% (8.4%-12.1%)	11.0% (9.1%-13.3%)	14.5% (12.1%-17.5%)	7.3% (6.0%-8.9%)
Libya	7.8% (6.2%-10.0%)	5.8% (4.5%-7.6%)	18.0% (14.2%-23.0%)	10.7% (8.9%-12.8%)	5.4% (4.4%-6.6%)	15.3% (12.8%-18.4%)	5.4% (4.4%-6.6%)
Morocco	7.1% (5.5%-9.0%)	12.2% (9.6%-15.6%)	16.4% (12.9%-21.0%)	8.3% (7.0%-9.9%)	12.9% (10.8%-15.5%)	12.9% (10.8%-15.5%)	6.0% (4.9%-7.3%)
Oman	8.3% (6.5%-10.6%)	8.7% (6.8%-11.3%)	18.9% (15.0%-24.2%)	17.7% (14.8%-21.2%)	15.6% (12.9%-19.1%)	24.5% (20.6%-29.3%)	13.1% (10.7%-16.1%)
Palestine	7.4% (5.8%-9.5%)	9.0% (7.0%-11.6%)	17.1% (13.5%-22.0%)	8.5% (7.1%-10.2%)	12.8% (10.7%-15.4%)	12.8% (10.7%-15.4%)	6.1% (5.1%-7.5%)
Qatar	9.9% (7.8%-12.7%)	8.0% (6.1%-10.4%)	22.1% (17.6%-28.1%)	32.4% (27.1%-38.8%)	33.5% (27.8%-40.5%)	41.9% (35.7%-49.4%)	25.2% (20.5%-31.2%)
Saudi Arabia	11.2% (8.8%-14.2%)	13.8% (10.8%-17.8%)	24.4% (19.5%-30.9%)	20.4% (17.1%-24.4%)	23.3% (19.5%-28.1%)	27.9% (23.5%-33.3%)	15.3% (12.5%-18.8%)
Sudan	3.1% (2.4%-3.9%)	3.2% (2.5%-4.2%)	7.5% (5.9%-9.9%)	4.5% (3.8%-5.4%)	4.7% (3.9%-5.7%)	6.6% (5.5%-8.1%)	3.2% (2.6%-3.9%)
Syrian Arab Republic	3.3% (2.6%-4.2%)	2.8% (2.2%-3.6%)	8.2% (6.3%-10.7%)	4.7% (4.0%-5.7%)	3.1% (2.6%-3.8%)	7.0% (5.8%-8.5%)	3.1% (2.6%-3.8%)
Tunisia	9.4% (7.4%-12.0%)	17.1% (13.5%-21.8%)	21.1% (16.8%-26.9%)	8.8% (7.4%-10.5%)	11.7% (9.7%-14.1%)	12.7% (10.6%-15.4%)	6.3% (5.2%-7.7%)
Turkey	10.7% (8.4%-13.6%)	17.7% (14.0%-22.6%)	23.5% (18.8%-29.8%)	12.4% (10.4%-14.8%)	20.5% (17.3%-24.6%)	20.5% (17.3%-24.6%)	9.0% (7.4%-11.0%)
United Arab Emirates	9.7% (7.6%-12.4%)	9.1% (7.0%-11.8%)	21.7% (17.3%-27.6%)	26.9% (22.6%-32.3%)	16.1% (12.8%-20.6%)	35.7% (30.3%-42.4%)	16.1% (12.8%-20.6%)
Yemen	2.6% (2.0%-3.3%)	1.4% (1.1%-1.9%)	6.5% (5.0%-8.5%)	3.9% (3.2%-4.6%)	1.9% (1.6%-2.4%)	5.7% (4.7%-6.9%)	1.9% (1.6%-2.4%)
South Asia	4.5% (3.5%-5.7%)	8.7% (6.8%-11.1%)	10.7% (8.4%-13.9%)	6.4% (5.3%-7.6%)	9.8% (8.2%-11.7%)	10.2% (8.5%-12.3%)	4.5% (3.7%-5.5%)

Bangladesh	4.2% (3.3%-5.3%)	11.9% (9.4%-15.1%)	11.9% (9.4%-15.1%)	6.2% (5.2%-7.4%)	9.2% (7.7%-11.1%)	9.2% (7.7%-11.1%)	4.4% (3.6%-5.4%)
Bhutan	5.8% (4.6%-7.4%)	11.1% (8.8%-14.3%)	13.7% (10.8%-17.8%)	8.0% (6.7%-9.6%)	13.8% (11.5%-16.5%)	13.8% (11.5%-16.5%)	5.8% (4.8%-7.1%)
India	4.7% (3.7%-6.0%)	9.3% (7.3%-11.9%)	11.4% (8.9%-14.8%)	6.6% (5.5%-7.9%)	10.9% (9.1%-13.1%)	10.9% (9.1%-13.1%)	4.7% (3.9%-5.8%)
Nepal	4.0% (3.2%-5.1%)	9.5% (7.4%-12.1%)	9.7% (7.6%-12.7%)	4.8% (4.0%-5.8%)	6.3% (5.2%-7.6%)	7.1% (5.9%-8.6%)	3.4% (2.8%-4.2%)
Pakistan	3.0% (2.3%-3.8%)	3.8% (3.0%-5.0%)	7.3% (5.7%-9.6%)	5.3% (4.4%-6.3%)	5.3% (4.4%-6.4%)	7.8% (6.5%-9.5%)	3.8% (3.1%-4.6%)
East Asia	10.0% (7.9%-12.8%)	35.1% (29.1%-42.5%)	35.3% (29.2%-42.7%)	11.9% (10.0%-14.1%)	28.6% (24.7%-33.2%)	28.6% (24.7%-33.3%)	8.7% (7.2%-10.5%)
China	10.0% (7.9%-12.8%)	35.8% (29.7%-43.4%)	35.8% (29.7%-43.4%)	11.6% (9.8%-13.8%)	28.6% (24.8%-33.4%)	28.6% (24.8%-33.4%)	8.4% (7.0%-10.2%)
Democratic People's Republic of Korea	3.3% (2.6%-4.2%)	3.8% (2.9%-4.9%)	8.2% (6.3%-10.7%)	3.3% (2.8%-4.0%)	1.8% (1.5%-2.2%)	5.0% (4.1%-6.1%)	1.8% (1.5%-2.2%)
Taiwan (Province of China)	17.7% (13.9%-22.6%)	31.2% (25.1%-39.4%)	35.6% (28.9%-44.0%)	38.4% (32.3%-45.8%)	55.9% (47.6%-66.1%)	55.9% (47.6%-66.1%)	30.5% (24.8%-37.6%)
Oceania	3.9% (3.1%-5.0%)	4.6% (3.6%-5.8%)	9.0% (7.0%-11.7%)	7.5% (6.3%-9.0%)	5.6% (4.6%-6.9%)	10.7% (8.9%-12.8%)	5.2% (4.2%-6.3%)
American Samoa	10.6% (8.3%-13.5%)	12.8% (10.0%-16.5%)	23.4% (18.7%-29.6%)	13.6% (11.4%-16.3%)	6.6% (5.3%-8.3%)	19.2% (16.1%-23.0%)	6.6% (5.3%-8.3%)
Cook Islands	15.2% (12.0%-19.4%)	23.2% (18.4%-29.6%)	31.6% (25.5%-39.4%)	18.4% (15.4%-22.0%)	14.2% (11.6%-17.4%)	25.3% (21.4%-30.3%)	13.7% (11.2%-16.8%)
Fiji	6.7% (5.3%-8.6%)	11.1% (8.7%-14.2%)	15.7% (12.3%-20.2%)	9.5% (8.0%-11.4%)	6.9% (5.7%-8.4%)	13.7% (11.5%-16.6%)	6.9% (5.7%-8.4%)
Guam	14.4% (11.3%-18.4%)	24.1% (19.2%-30.6%)	30.2% (24.3%-37.7%)	23.6% (19.8%-28.3%)	14.6% (11.7%-18.5%)	31.8% (27.0%-37.9%)	14.6% (11.7%-18.5%)

Kiribati	5.7% (4.4%-7.2%)	4.6% (3.6%-6.0%)	13.4% (10.5%-17.3%)	5.3% (4.4%-6.3%)	2.9% (2.3%-3.5%)	7.7% (6.4%-9.4%)	2.9% (2.3%-3.5%)
Marshall Islands	8.8% (6.9%-11.3%)	11.4% (8.9%-14.7%)	20.0% (15.8%-25.5%)	8.3% (6.9%-9.9%)	5.0% (4.1%-6.1%)	12.0% (10.0%-14.5%)	5.0% (4.1%-6.1%)
Micronesia (Federated States of)	5.3% (4.2%-6.8%)	5.7% (4.4%-7.3%)	12.6% (9.9%-16.4%)	7.7% (6.4%-9.2%)	4.3% (3.5%-5.2%)	11.2% (9.3%-13.5%)	4.3% (3.5%-5.2%)
Nauru	8.4% (6.6%-10.7%)	13.7% (10.8%-17.6%)	19.0% (15.1%-24.3%)	14.1% (11.8%-16.9%)	18.5% (15.5%-22.2%)	19.8% (16.6%-23.9%)	10.3% (8.5%-12.7%)
Niue	23.5% (18.4%-29.9%)	12.7% (9.2%-17.7%)	44.0% (36.3%-53.5%)	17.2% (14.5%-20.7%)	17.5% (14.5%-21.2%)	23.9% (20.1%-28.7%)	12.8% (10.5%-15.7%)
Northern Mariana Islands	10.1% (7.9%-12.9%)	22.5% (18.1%-28.4%)	22.5% (18.1%-28.4%)	17.4% (14.6%-20.9%)	5.6% (4.3%-7.3%)	24.1% (20.3%-28.9%)	5.6% (4.3%-7.3%)
Palau	18.2% (14.3%-23.2%)	38.1% (31.0%-47.0%)	38.1% (31.0%-47.0%)	15.2% (12.7%-18.2%)	10.2% (8.3%-12.6%)	21.3% (17.9%-25.6%)	10.2% (8.3%-12.6%)
Papua New Guinea	3.2% (2.5%-4.1%)	3.7% (2.9%-4.8%)	7.8% (6.1%-10.3%)	7.0% (5.9%-8.4%)	5.6% (4.6%-6.8%)	10.2% (8.5%-12.4%)	5.0% (4.1%-6.1%)
Samoa	6.9% (5.4%-8.8%)	9.1% (7.1%-11.7%)	16.0% (12.6%-20.5%)	8.3% (6.9%-9.9%)	5.6% (4.6%-6.8%)	12.0% (10.0%-14.5%)	5.6% (4.6%-6.8%)
Solomon Islands	3.8% (3.0%-4.9%)	3.2% (2.4%-4.1%)	9.3% (7.3%-12.2%)	6.3% (5.3%-7.5%)	4.6% (3.8%-5.6%)	9.2% (7.7%-11.2%)	4.5% (3.7%-5.5%)
Tokelau	19.4% (15.2%-24.7%)	32.5% (26.2%-40.9%)	38.1% (31.2%-46.9%)	11.5% (9.6%-13.7%)	12.1% (10.0%-14.6%)	16.3% (13.7%-19.7%)	8.3% (6.8%-10.2%)
Tonga	6.7% (5.3%-8.6%)	8.0% (6.2%-10.3%)	15.7% (12.4%-20.2%)	8.6% (7.2%-10.4%)	5.5% (4.5%-6.8%)	12.5% (10.4%-15.1%)	5.5% (4.5%-6.8%)
Tuvalu	13.1% (10.3%-16.7%)	12.3% (9.5%-16.0%)	28.0% (22.5%-35.1%)	8.9% (7.5%-10.7%)	5.7% (4.7%-7.0%)	12.8% (10.7%-15.5%)	5.7% (4.7%-7.0%)
Vanuatu	4.4% (3.5%-5.6%)	4.9% (3.8%-6.4%)	10.6% (8.3%-13.8%)	7.3% (6.1%-8.7%)	4.4% (3.6%-5.4%)	10.6% (8.9%-12.9%)	4.4% (3.6%-5.4%)

Southeast Asia	5.7% (4.4%-7.2%)	14.6% (11.7%-18.5%)	14.7% (11.8%-18.7%)	8.0% (6.7%-9.6%)	8.5% (7.0%-10.2%)	11.7% (9.8%-14.1%)	5.7% (4.7%-7.0%)
Cambodia	4.4% (3.4%-5.6%)	10.8% (8.5%-13.8%)	10.8% (8.5%-13.8%)	5.1% (4.3%-6.1%)	6.6% (5.5%-8.0%)	7.5% (6.3%-9.1%)	3.6% (3.0%-4.5%)
Indonesia	4.9% (3.9%-6.3%)	11.9% (9.4%-15.1%)	11.9% (9.4%-15.1%)	8.1% (6.8%-9.7%)	8.3% (6.9%-10.0%)	11.8% (9.8%-14.3%)	5.8% (4.8%-7.1%)
Lao People's Democratic Republic	3.2% (2.5%-4.1%)	5.0% (3.9%-6.5%)	8.0% (6.2%-10.4%)	6.3% (5.3%-7.5%)	8.1% (6.8%-9.8%)	9.2% (7.6%-11.1%)	4.5% (3.7%-5.5%)
Malaysia	9.0% (7.0%-11.5%)	24.0% (19.4%-30.0%)	24.0% (19.4%-30.0%)	13.1% (10.9%-15.7%)	11.7% (9.7%-14.3%)	18.5% (15.5%-22.3%)	9.6% (7.8%-11.7%)
Maldives	9.8% (7.7%-12.5%)	13.4% (10.5%-17.3%)	21.8% (17.3%-27.7%)	13.5% (11.3%-16.2%)	11.4% (9.3%-13.9%)	19.1% (16.0%-23.0%)	9.9% (8.1%-12.1%)
Mauritius	12.3% (9.6%-15.7%)	38.5% (31.8%-46.6%)	38.5% (31.8%-46.6%)	12.0% (10.1%-14.4%)	11.5% (9.5%-13.9%)	17.1% (14.3%-20.6%)	8.8% (7.2%-10.7%)
Myanmar	3.9% (3.1%-5.0%)	18.7% (15.0%-23.3%)	18.7% (15.0%-23.3%)	4.9% (4.1%-5.8%)	8.6% (7.2%-10.4%)	8.6% (7.2%-10.4%)	3.5% (2.9%-4.2%)
Philippines	5.1% (4.0%-6.5%)	11.9% (9.4%-15.2%)	12.1% (9.5%-15.7%)	7.6% (6.4%-9.2%)	7.4% (6.2%-9.0%)	11.1% (9.3%-13.5%)	5.5% (4.5%-6.7%)
Seychelles	11.2% (8.8%-14.3%)	14.7% (11.5%-18.9%)	24.5% (19.6%-31.0%)	14.6% (12.2%-17.5%)	12.4% (10.2%-15.2%)	20.5% (17.2%-24.7%)	10.7% (8.8%-13.2%)
Sri Lanka	6.6% (5.2%-8.4%)	15.2% (12.0%-19.2%)	15.4% (12.2%-19.9%)	7.6% (6.4%-9.2%)	8.8% (7.3%-10.6%)	11.1% (9.3%-13.5%)	5.5% (4.5%-6.7%)
Thailand	8.8% (6.9%-11.3%)	21.9% (17.6%-27.6%)	21.9% (17.6%-27.6%)	10.7% (9.0%-12.8%)	9.6% (7.9%-11.7%)	15.3% (12.8%-18.5%)	7.8% (6.4%-9.5%)
Timor-Leste	4.6% (3.6%-5.8%)	11.1% (8.7%-14.1%)	11.1% (8.7%-14.1%)	6.0% (5.1%-7.2%)	4.8% (4.0%-5.9%)	8.8% (7.4%-10.7%)	4.3% (3.6%-5.3%)
Viet Nam	6.1% (4.8%-7.8%)	16.9% (13.5%-21.3%)	16.9% (13.5%-21.3%)	7.2% (6.0%-8.6%)	8.8% (7.3%-10.6%)	10.4% (8.7%-12.7%)	5.1% (4.2%-6.3%)

Central Sub-Saharan Africa	2.6% (2.0%-3.3%)	3.1% (2.4%-4.0%)	6.4% (5.0%-8.4%)	4.7% (3.9%-5.6%)	4.9% (4.0%-6.0%)	6.9% (5.7%-8.5%)	3.3% (2.7%-4.2%)
Angola	3.1% (2.5%-4.0%)	3.0% (2.3%-3.9%)	7.7% (6.0%-10.1%)	6.9% (5.8%-8.2%)	7.3% (6.1%-8.9%)	10.0% (8.4%-12.2%)	4.9% (4.1%-6.0%)
Central African Republic	2.6% (2.0%-3.3%)	2.6% (2.0%-3.4%)	6.4% (5.0%-8.4%)	3.3% (2.8%-4.0%)	2.0% (1.6%-2.4%)	4.9% (4.1%-6.0%)	2.0% (1.6%-2.4%)
Congo	3.4% (2.6%-4.3%)	3.9% (3.0%-5.1%)	8.2% (6.4%-10.8%)	7.2% (6.1%-8.7%)	5.4% (4.5%-6.6%)	10.5% (8.8%-12.8%)	5.2% (4.3%-6.4%)
Democratic Republic of the Congo	2.2% (1.7%-2.8%)	3.0% (2.3%-3.8%)	5.5% (4.2%-7.2%)	3.5% (2.9%-4.2%)	3.8% (3.2%-4.7%)	5.2% (4.3%-6.4%)	2.5% (2.1%-3.0%)
Equatorial Guinea	5.8% (4.6%-7.4%)	6.8% (5.3%-8.8%)	13.7% (10.8%-17.8%)	13.4% (11.2%-16.1%)	9.8% (8.0%-12.0%)	18.9% (15.9%-22.8%)	9.8% (8.0%-12.0%)
Gabon	7.6% (6.0%-9.7%)	6.5% (5.0%-8.5%)	17.4% (13.8%-22.4%)	12.7% (10.6%-15.2%)	8.8% (7.2%-10.8%)	17.9% (15.0%-21.6%)	8.8% (7.2%-10.8%)
Eastern Sub-Saharan Africa	2.6% (2.1%-3.3%)	3.9% (3.1%-5.1%)	6.3% (4.9%-8.2%)	4.2% (3.5%-5.0%)	5.5% (4.6%-6.7%)	6.6% (5.5%-8.0%)	2.9% (2.4%-3.5%)
Burundi	2.3% (1.8%-3.0%)	2.6% (2.0%-3.3%)	5.8% (4.5%-7.7%)	2.5% (2.1%-3.0%)	1.9% (1.6%-2.3%)	3.7% (3.1%-4.6%)	1.8% (1.5%-2.2%)
Comoros	5.2% (4.1%-6.7%)	6.2% (4.8%-8.0%)	12.5% (9.8%-16.1%)	5.5% (4.6%-6.5%)	4.4% (3.6%-5.3%)	8.0% (6.7%-9.8%)	3.9% (3.2%-4.8%)
Djibouti	3.3% (2.6%-4.3%)	3.7% (2.8%-4.7%)	8.2% (6.4%-10.7%)	8.0% (6.7%-9.6%)	11.9% (9.9%-14.3%)	11.9% (9.9%-14.3%)	5.8% (4.8%-7.1%)
Eritrea	1.7% (1.4%-2.2%)	1.3% (1.0%-1.7%)	4.4% (3.4%-5.8%)	3.6% (3.0%-4.3%)	2.6% (2.2%-3.2%)	5.3% (4.4%-6.5%)	2.5% (2.1%-3.1%)
Ethiopia	2.3% (1.8%-2.9%)	4.2% (3.2%-5.4%)	5.6% (4.4%-7.4%)	4.1% (3.4%-4.9%)	8.1% (6.8%-9.8%)	8.1% (6.8%-9.8%)	2.9% (2.4%-3.6%)
Kenya	3.9% (3.0%-5.0%)	7.3% (5.7%-9.4%)	9.4% (7.4%-12.3%)	6.2% (5.2%-7.5%)	6.3% (5.2%-7.6%)	9.1% (7.6%-11.1%)	4.5% (3.7%-5.5%)

Madagascar	2.0% (1.5%-2.5%)	1.5% (1.2%-2.0%)	4.9% (3.8%-6.5%)	3.3% (2.8%-4.0%)	2.5% (2.1%-3.0%)	4.9% (4.1%-6.0%)	2.4% (1.9%-2.9%)
Malawi	2.9% (2.2%-3.6%)	5.6% (4.4%-7.2%)	7.1% (5.5%-9.2%)	3.4% (2.8%-4.0%)	3.9% (3.2%-4.7%)	5.0% (4.2%-6.1%)	2.4% (2.0%-2.9%)
Mozambique	2.4% (1.9%-3.0%)	3.9% (3.0%-5.0%)	5.9% (4.6%-7.7%)	3.3% (2.7%-3.9%)	4.3% (3.6%-5.3%)	4.9% (4.0%-5.9%)	2.3% (1.9%-2.8%)
Rwanda	3.3% (2.6%-4.2%)	8.4% (6.6%-10.8%)	8.4% (6.6%-10.8%)	4.1% (3.4%-4.9%)	6.2% (5.2%-7.5%)	6.2% (5.2%-7.5%)	2.9% (2.4%-3.5%)
Somalia	1.2% (0.9%-1.5%)	1.6% (1.3%-2.1%)	3.0% (2.3%-3.9%)	1.8% (1.5%-2.2%)	1.4% (1.1%-1.7%)	2.8% (2.3%-3.4%)	1.3% (1.1%-1.6%)
South Sudan	2.7% (2.1%-3.4%)	2.3% (1.8%-3.0%)	6.7% (5.2%-8.8%)	3.2% (2.7%-3.9%)	1.2% (1.0%-1.5%)	4.8% (4.0%-5.8%)	1.2% (1.0%-1.5%)
Uganda	2.6% (2.0%-3.3%)	3.2% (2.5%-4.2%)	6.3% (4.9%-8.3%)	4.4% (3.7%-5.2%)	5.3% (4.4%-6.4%)	6.5% (5.4%-7.9%)	3.1% (2.6%-3.8%)
United Republic of Tanzania	2.9% (2.3%-3.7%)	3.7% (2.9%-4.8%)	7.1% (5.5%-9.3%)	4.7% (3.9%-5.6%)	5.8% (4.8%-7.1%)	6.9% (5.8%-8.4%)	3.3% (2.8%-4.1%)
Zambia	3.0% (2.4%-3.9%)	2.8% (2.2%-3.7%)	7.5% (5.8%-9.8%)	4.8% (4.0%-5.7%)	5.9% (4.9%-7.1%)	7.0% (5.8%-8.5%)	3.4% (2.8%-4.1%)
Southern Sub-Saharan Africa	9.5% (7.5%-12.1%)	12.8% (10.0%-16.4%)	20.0% (15.8%-25.2%)	10.1% (8.5%-12.1%)	8.9% (7.3%-10.8%)	14.1% (11.7%-16.9%)	7.1% (5.8%-8.7%)
Botswana	8.8% (6.9%-11.2%)	12.2% (9.5%-15.7%)	19.9% (15.8%-25.4%)	11.8% (9.9%-14.1%)	12.3% (10.2%-14.8%)	16.7% (14.0%-20.2%)	8.6% (7.0%-10.5%)
Eswatini	6.8% (5.3%-8.6%)	12.6% (9.9%-16.2%)	15.7% (12.4%-20.3%)	8.7% (7.3%-10.4%)	9.3% (7.7%-11.2%)	12.5% (10.5%-15.1%)	6.2% (5.1%-7.6%)
Lesotho	5.3% (4.2%-6.8%)	9.6% (7.5%-12.3%)	12.7% (9.9%-16.4%)	5.0% (4.2%-5.9%)	5.6% (4.7%-6.8%)	7.3% (6.1%-8.9%)	3.5% (2.9%-4.3%)
Namibia	9.1% (7.1%-11.6%)	11.5% (8.9%-14.8%)	20.4% (16.2%-26.0%)	9.9% (8.3%-11.9%)	10.5% (8.7%-12.7%)	14.2% (11.9%-17.2%)	7.2% (5.9%-8.8%)

South Africa	11.4% (9.0%-14.6%)	17.2% (13.5%-22.0%)	24.9% (19.9%-31.5%)	11.2% (9.4%-13.5%)	10.1% (8.3%-12.3%)	16.0% (13.4%-19.4%)	8.2% (6.7%-10.0%)
Zimbabwe	3.3% (2.6%-4.2%)	2.3% (1.8%-3.0%)	8.1% (6.3%-10.6%)	6.4% (5.4%-7.7%)	5.6% (4.6%-6.7%)	9.4% (7.8%-11.4%)	4.6% (3.8%-5.6%)
Western Sub-Saharan Africa	3.1% (2.5%-4.0%)	3.5% (2.7%-4.5%)	7.6% (5.9%-9.9%)	5.7% (4.8%-6.8%)	6.2% (5.1%-7.4%)	8.2% (6.8%-9.9%)	4.0% (3.3%-4.8%)
Benin	2.5% (1.9%-3.2%)	2.2% (1.7%-2.8%)	6.1% (4.8%-8.1%)	5.1% (4.3%-6.1%)	5.1% (4.2%-6.2%)	7.5% (6.3%-9.2%)	3.7% (3.0%-4.5%)
Burkina Faso	3.0% (2.3%-3.8%)	5.3% (4.2%-6.9%)	7.3% (5.7%-9.6%)	4.1% (3.5%-5.0%)	4.6% (3.8%-5.6%)	6.1% (5.1%-7.5%)	2.9% (2.4%-3.6%)
Cabo Verde	7.3% (5.7%-9.3%)	9.6% (7.5%-12.4%)	16.9% (13.3%-21.7%)	8.5% (7.1%-10.2%)	9.3% (7.7%-11.2%)	12.3% (10.2%-14.9%)	6.1% (5.0%-7.5%)
Cameroon	3.0% (2.3%-3.8%)	2.5% (1.9%-3.3%)	7.3% (5.7%-9.6%)	5.7% (4.7%-6.8%)	5.2% (4.3%-6.3%)	8.3% (6.9%-10.1%)	4.0% (3.3%-4.9%)
Chad	2.4% (1.9%-3.1%)	1.9% (1.5%-2.5%)	6.0% (4.6%-7.8%)	3.9% (3.3%-4.7%)	4.4% (3.6%-5.3%)	5.8% (4.9%-7.1%)	2.8% (2.3%-3.4%)
Côte d'Ivoire	3.5% (2.7%-4.4%)	2.7% (2.1%-3.5%)	8.5% (6.6%-11.1%)	6.8% (5.7%-8.2%)	6.7% (5.6%-8.2%)	10.0% (8.3%-12.1%)	4.9% (4.0%-6.0%)
Gambia	2.9% (2.3%-3.7%)	4.8% (3.7%-6.2%)	7.2% (5.6%-9.4%)	4.1% (3.4%-4.9%)	2.8% (2.4%-3.5%)	6.0% (5.0%-7.3%)	2.8% (2.4%-3.5%)
Ghana	3.9% (3.1%-5.0%)	6.1% (4.7%-7.8%)	9.5% (7.4%-12.4%)	6.4% (5.4%-7.7%)	8.4% (7.0%-10.2%)	9.4% (7.9%-11.4%)	4.6% (3.8%-5.6%)
Guinea	3.2% (2.5%-4.1%)	3.1% (2.4%-4.1%)	7.9% (6.1%-10.3%)	5.1% (4.3%-6.1%)	5.0% (4.1%-6.1%)	7.5% (6.2%-9.1%)	3.6% (3.0%-4.4%)
Guinea-Bissau	3.2% (2.5%-4.1%)	4.1% (3.2%-5.3%)	7.9% (6.2%-10.4%)	4.0% (3.4%-4.8%)	3.5% (2.9%-4.2%)	5.9% (4.9%-7.2%)	2.9% (2.4%-3.5%)
Liberia	3.2% (2.5%-4.1%)	9.4% (7.4%-12.1%)	9.4% (7.4%-12.1%)	3.7% (3.1%-4.4%)	3.2% (2.6%-3.9%)	5.4% (4.5%-6.6%)	2.6% (2.1%-3.2%)

Mali	2.5% (2.0%-3.2%)	1.5% (1.2%-2.0%)	6.2% (4.8%-8.1%)	4.6% (3.8%-5.5%)	5.0% (4.1%-6.0%)	6.7% (5.6%-8.2%)	3.2% (2.7%-4.0%)
Mauritania	4.0% (3.1%-5.1%)	4.1% (3.2%-5.4%)	9.6% (7.5%-12.5%)	6.2% (5.2%-7.5%)	5.7% (4.7%-6.9%)	9.1% (7.6%-11.1%)	4.5% (3.7%-5.5%)
Niger	2.4% (1.9%-3.1%)	2.8% (2.2%-3.7%)	6.0% (4.7%-7.9%)	3.5% (3.0%-4.2%)	3.3% (2.7%-3.9%)	5.2% (4.3%-6.4%)	2.5% (2.1%-3.1%)
Nigeria	3.2% (2.5%-4.1%)	3.6% (2.7%-4.6%)	7.9% (6.1%-10.3%)	6.4% (5.4%-7.7%)	7.6% (6.3%-9.1%)	9.4% (7.8%-11.4%)	4.6% (3.8%-5.6%)
Sao Tome and Principe	5.6% (4.4%-7.1%)	4.4% (3.4%-5.8%)	13.3% (10.4%-17.2%)	6.6% (5.5%-7.9%)	7.3% (6.1%-8.8%)	9.7% (8.1%-11.7%)	4.7% (3.9%-5.8%)
Senegal	3.8% (3.0%-4.9%)	4.4% (3.4%-5.6%)	9.3% (7.2%-12.1%)	5.6% (4.7%-6.7%)	5.0% (4.1%-6.1%)	8.2% (6.8%-9.9%)	4.0% (3.3%-4.8%)
Sierra Leone	3.0% (2.4%-3.8%)	3.5% (2.7%-4.5%)	7.4% (5.7%-9.7%)	3.3% (2.8%-4.0%)	3.9% (3.2%-4.7%)	4.9% (4.1%-6.0%)	2.4% (1.9%-2.9%)
Togo	3.3% (2.6%-4.2%)	7.0% (5.5%-9.0%)	8.1% (6.3%-10.6%)	4.2% (3.5%-5.0%)	4.1% (3.4%-4.9%)	6.2% (5.1%-7.5%)	3.0% (2.5%-3.6%)

Supplementary Table 28. Fraction of Total Health Expenditure in 2019 & 2050

	Spending attributable to dementia in 2019 as a fraction of total health spending (%)	Spending attributable to dementia in 2050 as a fraction of total health spending (%)
Global	3.0% (1.5 - 4.9%)	9.4% (3.9 - 19.6%)
High income	3.5% (1.8 - 5.6%)	5.1% (2.2 - 10.2%)
Upper middle income	1.4% (0.7 - 2.3%)	26.4% (10.1 - 58.8%)
Lower middle income	0.4% (0.2 - 0.6%)	2.1% (0.8 - 4.7%)
Low income	0.1% (0.1 - 0.2%)	0.6% (0.2 - 1.4%)

Central Europe, Eastern Europe, and Central Asia	1.5% (0.7 - 2.4%)	7.6% (2.8 - 17.3%)
High-income	3.5% (1.8 - 5.6%)	5.1% (2.2 - 10.0%)
Latin America and Caribbean	0.8% (0.4 - 1.3%)	2.8% (1.0 - 6.2%)
North Africa and Middle East	0.4% (0.2 - 0.7%)	2.9% (1.0 - 6.2%)
South Asia	0.4% (0.2 - 0.6%)	2.7% (1.0 - 5.9%)
Southeast Asia, East Asia, and Oceania	1.8% (0.9 - 3.0%)	35.4% (13.4 - 79.7%)
Sub-Saharan Africa	0.2% (0.1 - 0.3%)	0.6% (0.2 - 1.3%)

Sensitivity Analyses

Average Labor force participation (LFP) rates by sex, country and year were used to scale indirect care cost estimates to account for caregivers who would not have been actively working for a wage. However, people who volunteer to take care of a person with dementia are more likely to not have been working prior to caregiving. Thus, caregiver LFP rates are likely lower than the average. To address this assumption, Supplementary Table 29 shows a sensitivity analysis where LFP rates were cut in half to calculate indirect care costs.

Supplementary Table 29. Sensitivity Analysis – Half Labor Force Participation of Caregivers

	Direct spending attributable to dementia 2019 (In millions of USD)	Indirect spending attributable to dementia 2019	Direct spending attributable to dementia 2050 - baseline	Indirect spending attributable to dementia 2050 - baseline	Direct spending attributable to dementia 2050 - accelerated diagnosis rates	Indirect spending attributable to dementia 2050 - accelerated diagnosis rates	Direct spending attributable to dementia 2050 - accelerated unit costs	Indirect spending attributable to dementia 2050 - accelerated unit costs	Direct spending attributable to dementia 2050 - accelerated nursing home-based care rates	Indirect spending attributable to dementia 2050 - accelerated nursing home-based care rates	Direct spending attributable to dementia 2050 - decelerated nursing home-based care rates	Indirect spending attributable to dementia 2050 - decelerated nursing home-based care rates
Global	\$260 645 (131 582 - 420 417)	\$177 057 (95 011 - 272 053)	\$1 587 610 (646 471 - 3 311 909)	\$445 173 (171 013 - 864 314)	\$1 627 613 (663 949 - 3 381 621)	\$445 109 (171 013 - 864 148)	\$2 209 361 (1 015 203 - 4 150 952)	\$445 173 (171 013 - 864 314)	\$1 766 439 (727 358 - 3 547 644)	\$418 681 (160 662 - 813 005)	\$1 176 002 (483 007 - 2 585 331)	\$500 133 (187 401 - 965 157)
High income	\$238 788 (120 677 - 382 400)	\$122 892 (62 957 - 193 614)	\$648 895 (282 418 - 1 251 896)	\$194 540 (74 345 - 377 582)	\$683 118 (297 638 - 1 319 058)	\$194 476 (74 345 - 377 004)	\$1 249 925 (571 802 - 2 314 600)	\$194 540 (74 345 - 377 582)	\$821 946 (358 902 - 1 493 303)	\$169 462 (64 047 - 331 579)	\$581 069 (255 941 - 1 133 074)	\$206 327 (78 822 - 400 746)
Upper middle income	\$20 869 (10 721 - 34 465)	\$45 912 (24 364 - 68 836)	\$923 824 (341 987 - 2 054 670)	\$214 632 (73 253 - 430 023)	\$928 651 (343 854 - 2 064 371)	\$214 632 (73 253 - 430 023)	\$943 203 (360 418 - 2 066 284)	\$214 632 (73 253 - 430 023)	\$928 678 (343 893 - 2 064 468)	\$213 604 (72 979 - 427 336)	\$585 332 (204 740 - 1 435 010)	\$256 504 (87 414 - 522 199)
Lower middle income	\$956 (455 - 1 577)	\$6 966 (3 936 - 10 029)	\$14 392 (5 349 - 32 350)	\$28 385 (11 019 - 54 059)	\$15 289 (5 633 - 34 533)	\$28 385 (11 019 - 54 059)	\$15 658 (6 504 - 31 688)	\$28 385 (11 019 - 54 059)	\$15 261 (5 710 - 34 125)	\$28 063 (10 878 - 53 435)	\$9 311 (3 336 - 21 986)	\$29 492 (11 484 - 56 179)
Low income	\$33 (15 - 54)	\$1 287 (927 - 1 647)	\$499 (179 - 1 058)	\$7 616 (3 828 - 12 005)	\$555 (206 - 1 220)	\$7 616 (3 828 - 12 005)	\$575 (240 - 1 118)	\$7 616 (3 828 - 12 005)	\$554 (195 - 1 177)	\$7 552 (3 798 - 11 878)	\$291 (107 - 649)	\$7 811 (3 914 - 12 359)

Central Europe, Eastern Europe, and Central Asia	\$3 714 (1 907 - 6 213)	\$8 967 (4 442 - 13 719)	\$25 163 (9 361 - 57 472)	\$29 677 (11 410 - 56 155)	\$27 637 (10 218 - 63 048)	\$29 677 (11 410 - 56 155)	\$28 656 (13 097 - 54 473)	\$29 677 (11 410 - 56 155)	\$26 982 (10 068 - 60 299)	\$28 902 (11 094 - 54 564)	\$19 823 (6 975 - 46 706)	\$31 906 (12 258 - 60 676)
High-income	\$235 904 (119 314 - 377 408)	\$118 858 (60 839 - 187 026)	\$627 774 (272 185 - 1 207 471)	\$184 011 (70 368 - 359 056)	\$660 920 (289 128 - 1 272 436)	\$183 947 (70 368 - 358 478)	\$1 217 897 (556 046 - 2 247 610)	\$184 011 (70 368 - 359 056)	\$798 755 (348 992 - 1 449 276)	\$159 354 (60 485 - 313 105)	\$565 341 (248 971 - 1 094 762)	\$194 595 (74 460 - 377 337)
Latin America and Caribbean	\$2 470 (1 260 - 4 102)	\$6 789 (3 619 - 10 016)	\$17 370 (6 520 - 38 496)	\$17 434 (6 530 - 33 230)	\$18 833 (7 036 - 42 087)	\$17 434 (6 530 - 33 230)	\$29 099 (12 880 - 57 430)	\$17 434 (6 530 - 33 230)	\$19 201 (6 947 - 42 398)	\$17 127 (6 411 - 32 636)	\$12 799 (4 711 - 29 924)	\$18 443 (6 937 - 35 240)
North Africa and Middle East	\$1 101 (502 - 1 832)	\$2 003 (909 - 3 297)	\$16 542 (5 928 - 35 790)	\$7 061 (2 342 - 15 143)	\$18 432 (6 731 - 39 833)	\$7 061 (2 342 - 15 143)	\$25 056 (10 345 - 50 267)	\$7 061 (2 342 - 15 143)	\$18 137 (6 516 - 38 882)	\$6 896 (2 296 - 14 798)	\$10 677 (3 900 - 23 529)	\$7 589 (2 508 - 16 265)
South Asia	\$409 (188 - 681)	\$2 752 (1 774 - 3 650)	\$8 319 (3 025 - 18 233)	\$11 699 (4 802 - 21 048)	\$8 783 (3 188 - 19 494)	\$11 699 (4 802 - 21 048)	\$8 375 (3 093 - 18 330)	\$11 699 (4 802 - 21 048)	\$8 368 (3 046 - 18 327)	\$11 663 (4 784 - 20 988)	\$4 770 (1 713 - 11 216)	\$12 253 (5 040 - 22 091)
Southeast Asia, East Asia, and Oceania	\$16 876 (8 575 - 27 865)	\$35 130 (18 153 - 53 561)	\$890 977 (329 966 - 1 988 876)	\$183 099 (61 562 - 377 712)	\$891 285 (330 103 - 1 989 494)	\$183 099 (61 562 - 377 712)	\$898 238 (338 068 - 1 993 960)	\$183 099 (61 562 - 377 712)	\$893 162 (330 840 - 1 993 495)	\$182 747 (61 462 - 377 019)	\$561 537 (197 074 - 1 374 636)	\$222 856 (75 058 - 461 082)
Sub-Saharan Africa	\$171 (80 - 283)	\$2 558 (1 710 - 3 381)	\$1 466 (523 - 3 161)	\$12 192 (5 668 - 20 515)	\$1 724 (647 - 3 816)	\$12 192 (5 668 - 20 515)	\$2 041 (889 - 3 975)	\$12 192 (5 668 - 20 515)	\$1 835 (648 - 3 917)	\$11 992 (5 572 - 20 171)	\$1 054 (389 - 2 331)	\$12 490 (5 815 - 20 976)

To provide estimates that reflect a scenario in which all caregiving hours are valued at the wage rate, Supplementary Table 30 shows a sensitivity analysis where caregivers are assumed to have full labor force participation and LFP rates are set to 100%.

Supplementary Table 30. Sensitivity Analysis – Full Labor Force Participation of Caregivers

	Direct spending attributable to dementia 2019 (In millions of USD)	Indirect spending attributable to dementia 2019	Direct spending attributable to dementia 2050 - baseline	Indirect spending attributable to dementia 2050 - baseline	Direct spending attributable to dementia 2050 - accelerated diagnosis rates	Indirect spending attributable to dementia 2050 - accelerated diagnosis rates	Direct spending attributable to dementia 2050 - accelerated unit costs	Indirect spending attributable to dementia 2050 - accelerated unit costs	Direct spending attributable to dementia 2050 - accelerated nursing home-based care rates	Indirect spending attributable to dementia 2050 - accelerated nursing home-based care rates	Direct spending attributable to dementia 2050 - decelerated nursing home-based care rates	Indirect spending attributable to dementia 2050 - decelerated nursing home-based care rates
Global	\$260 645 (131 582 - 420 417)	\$646 606 (340 445 - 1 000 280)	\$1 587 610 (646 471 - 3 311 909)	\$1 913 506 (721 529 - 3 777 529)	\$1 627 613 (663 949 - 3 381 621)	\$1 913 255 (721 516 - 3 777 529)	\$2 209 361 (1 015 203 - 4 150 952)	\$1 913 506 (721 529 - 3 777 529)	\$1 766 439 (727 358 - 3 547 644)	\$1 805 985 (686 341 - 3 563 277)	\$1 176 002 (483 007 - 2 585 331)	\$2 154 239 (824 447 - 4 240 486)
High income	\$238 788 (120 677 - 382 400)	\$446 809 (228 657 - 706 047)	\$648 895 (282 418 - 1 251 896)	\$795 678 (302 326 - 1 553 960)	\$683 118 (297 638 - 1 319 058)	\$795 428 (302 326 - 1 552 914)	\$1 249 925 (571 802 - 2 314 600)	\$795 678 (302 326 - 1 553 960)	\$821 946 (358 902 - 1 493 303)	\$694 498 (262 719 - 1 360 299)	\$581 069 (255 941 - 1 133 074)	\$842 928 (322 201 - 1 652 473)
Upper middle income	\$20 869 (10 721 - 34 465)	\$166 981 (90 190 - 251 095)	\$923 824 (341 987 - 2 054 670)	\$969 380 (340 703 - 1 970 627)	\$928 651 (343 854 - 2 064 371)	\$969 380 (340 703 - 1 970 627)	\$943 203 (360 418 - 2 066 284)	\$969 380 (340 703 - 1 970 627)	\$928 678 (343 893 - 2 064 468)	\$964 545 (338 768 - 1 957 966)	\$585 332 (204 740 - 1 435 010)	\$1 157 197 (412 027 - 2 353 369)
Lower middle income	\$956 (455 - 1 577)	\$28 333 (15 611 - 41 400)	\$14 392 (5 349 - 32 350)	\$122 057 (45 383 - 239 966)	\$15 289 (5 633 - 34 533)	\$122 057 (45 383 - 239 966)	\$15 658 (6 504 - 31 688)	\$122 057 (45 383 - 239 966)	\$15 261 (5 710 - 34 125)	\$120 770 (44 883 - 237 449)	\$9 311 (3 336 - 21 986)	\$127 034 (47 140 - 249 911)
Low income	\$33 (15 - 54)	\$4 483 (3 151 - 5 805)	\$499 (179 - 1 058)	\$26 391 (12 770 - 42 422)	\$555 (206 - 1 220)	\$26 391 (12 770 - 42 422)	\$575 (240 - 1 118)	\$26 391 (12 770 - 42 422)	\$554 (195 - 1 177)	\$26 172 (12 640 - 42 004)	\$291 (107 - 649)	\$27 080 (13 120 - 43 792)
Central Europe, Eastern Europe, and Central Asia	\$3 714 (1 907 - 6 213)	\$35 445 (17 522 - 54 632)	\$25 163 (9 361 - 57 472)	\$137 958 (52 907 - 260 331)	\$27 637 (10 218 - 63 048)	\$137 958 (52 907 - 260 331)	\$28 656 (13 097 - 54 473)	\$137 958 (52 907 - 260 331)	\$26 982 (10 068 - 60 299)	\$134 337 (51 593 - 253 521)	\$19 823 (6 975 - 46 706)	\$148 317 (57 100 - 282 149)
High-income	\$235 904 (119 314 - 377 408)	\$431 097 (220 387 - 680 976)	\$627 774 (272 185 - 1 207 471)	\$743 855 (281 937 - 1 461 047)	\$660 920 (289 128 - 1 272 436)	\$743 605 (281 937 - 1 460 001)	\$1 217 897 (556 046 - 2 247 610)	\$743 855 (281 937 - 1 461 047)	\$798 755 (348 992 - 1 449 276)	\$644 757 (243 227 - 1 265 461)	\$565 341 (248 971 - 1 094 762)	\$785 475 (299 483 - 1 542 177)

Latin America and Caribbean	\$2 470 (1 260 - 4 102)	\$26 232 (13 582 - 39 219)	\$17 370 (6 520 - 38 496)	\$76 189 (27 482 - 147 315)	\$18 833 (7 036 - 42 087)	\$76 189 (27 482 - 147 315)	\$29 099 (12 880 - 57 430)	\$76 189 (27 482 - 147 315)	\$19 201 (6 947 - 42 398)	\$74 767 (26 940 - 144 166)	\$12 799 (4 711 - 29 924)	\$80 523 (28 911 - 156 668)
North Africa and Middle East	\$1 101 (502 - 1 832)	\$12 606 (5 463 - 21 597)	\$16 542 (5 928 - 35 790)	\$51 947 (16 189 - 117 945)	\$18 432 (6 731 - 39 833)	\$51 947 (16 189 - 117 945)	\$25 056 (10 345 - 50 267)	\$51 947 (16 189 - 117 945)	\$18 137 (6 516 - 38 882)	\$50 824 (15 766 - 115 411)	\$10 677 (3 900 - 23 529)	\$55 817 (17 442 - 126 624)
South Asia	\$409 (188 - 681)	\$12 331 (7 664 - 16 711)	\$8 319 (3 025 - 18 233)	\$55 252 (21 409 - 103 316)	\$8 783 (3 188 - 19 494)	\$55 252 (21 409 - 103 316)	\$8 375 (3 093 - 18 330)	\$55 252 (21 409 - 103 316)	\$8 368 (3 046 - 18 327)	\$55 097 (21 350 - 103 133)	\$4 770 (1 713 - 11 216)	\$57 880 (22 301 - 109 058)
Southeast Asia, East Asia, and Oceania	\$16 876 (8 575 - 27 865)	\$119 801 (65 488 - 179 895)	\$890 977 (329 966 - 1 988 876)	\$807 245 (271 211 - 1 683 787)	\$891 285 (330 103 - 1 989 494)	\$807 245 (271 211 - 1 683 787)	\$898 238 (338 068 - 1 993 960)	\$807 245 (271 211 - 1 683 787)	\$893 162 (330 840 - 1 993 495)	\$805 897 (270 829 - 1 681 027)	\$561 537 (197 074 - 1 374 636)	\$984 155 (334 747 - 2 040 723)
Sub-Saharan Africa	\$171 (80 - 283)	\$9 094 (5 869 - 12 072)	\$1 466 (523 - 3 161)	\$41 061 (18 892 - 69 793)	\$1 724 (647 - 3 816)	\$41 061 (18 892 - 69 793)	\$2 041 (889 - 3 975)	\$41 061 (18 892 - 69 793)	\$1 835 (648 - 3 917)	\$40 306 (18 578 - 68 390)	\$1 054 (389 - 2 331)	\$42 072 (19 304 - 71 467)

Cost forecasts were calculated using dementia prevalence forecasts created by researchers at IHME. To account for uncertainty in dementia prevalence forecasts, we ran sensitivity analyses with both low and high prevalence forecast scenarios. As with other parameters in our analysis, we use 1000 draws of prevalence to incorporate uncertainty. In the low prevalence scenario, each country's prevalence draws are capped at the 15th percentile value. In the high prevalence scenario, each country's prevalence draws that are lower than the 85th percentile are set to the 85th percentile value.

Supplementary Table 31. Sensitivity Analysis – Low Prevalence Forecast Scenario

	Direct spending attributable to dementia 2019	Indirect spending attributable to dementia 2019	Direct spending attributable to dementia 2050 - baseline	Indirect spending attributable to dementia 2050 - baseline	Direct spending attributable to dementia 2050 - accelerated diagnosis rates	Indirect spending attributable to dementia 2050 - accelerated diagnosis rates	Direct spending attributable to dementia 2050 - accelerated unit costs	Indirect spending attributable to dementia 2050 - accelerated unit costs	Direct spending attributable to dementia 2050 - accelerated nursing home-based care rates	Indirect spending attributable to dementia 2050 - accelerated nursing home-based care rates	Direct spending attributable to dementia 2050 - decelerated nursing home-based care rates	Indirect spending attributable to dementia 2050 - decelerated nursing home-based care rates
Global	\$260 645 (131 582 - 420 417)	\$354 114 (190 023 - 544 107)	\$1 423 337 (588 604 - 2 949 068)	\$797 055 (305 334 - 1 504 408)	\$1 458 824 (605 919 - 3 022 289)	\$796 941 (305 334 - 1 504 363)	\$1 991 895 (890 077 - 3 721 314)	\$797 055 (305 334 - 1 504 408)	\$1 585 982 (673 513 - 3 189 931)	\$748 794 (284 622 - 1 424 865)	\$1 057 281 (441 884 - 2 230 257)	\$894 801 (337 251 - 1 703 027)
High income	\$238 788 (120 677 - 382 400)	\$245 783 (125 914 - 387 227)	\$590 933 (260 242 - 1 107 019)	\$353 119 (138 349 - 674 310)	\$621 352 (274 553 - 1 164 371)	\$353 004 (138 349 - 674 309)	\$1 141 156 (521 383 - 2 096 069)	\$353 119 (138 349 - 674 310)	\$748 478 (326 541 - 1 348 988)	\$307 337 (121 212 - 586 978)	\$530 000 (240 110 - 1 006 176)	\$374 355 (146 774 - 715 719)
Upper middle income	\$20 869 (10 721 - 34 465)	\$91 824 (48 729 - 137 672)	\$819 170 (308 202 - 1 792 124)	\$380 185 (132 956 - 737 884)	\$823 397 (309 669 - 1 800 668)	\$380 185 (132 956 - 737 884)	\$836 320 (326 644 - 1 792 888)	\$380 185 (132 956 - 737 884)	\$823 452 (309 923 - 1 802 629)	\$378 385 (132 294 - 734 934)	\$518 749 (185 612 - 1 242 378)	\$454 385 (159 749 - 884 060)
Lower middle income	\$956 (455 - 1 577)	\$13 933 (7 872 - 20 059)	\$12 788 (4 633 - 27 823)	\$50 215 (19 466 - 95 029)	\$13 578 (4 925 - 29 874)	\$50 215 (19 466 - 95 029)	\$13 907 (5 656 - 28 183)	\$50 215 (19 466 - 95 029)	\$13 557 (4 912 - 29 400)	\$49 650 (19 226 - 93 832)	\$8 272 (3 050 - 19 178)	\$52 175 (20 376 - 98 781)
Low income	\$33 (15 - 54)	\$2 575 (1 853 - 3 294)	\$446 (156 - 956)	\$13 537 (6 793 - 21 087)	\$497 (180 - 1 076)	\$13 537 (6 793 - 21 087)	\$512 (210 - 1 009)	\$13 537 (6 793 - 21 087)	\$495 (174 - 1 043)	\$13 423 (6 745 - 20 815)	\$260 (94 - 581)	\$13 885 (6 930 - 21 694)
Central Europe, Eastern Europe, and Central Asia	\$3 714 (1 907 - 6 213)	\$17 934 (8 884 - 27 437)	\$21 837 (8 079 - 49 349)	\$51 315 (19 691 - 93 994)	\$23 963 (9 100 - 54 414)	\$51 315 (19 691 - 93 994)	\$24 878 (11 207 - 47 911)	\$51 315 (19 691 - 93 994)	\$23 408 (8 593 - 51 944)	\$49 977 (19 113 - 91 066)	\$17 208 (6 436 - 40 057)	\$55 176 (21 288 - 101 176)
High-income	\$235 904 (119 314 - 377 408)	\$237 715 (121 679 - 374 051)	\$572 123 (253 005 - 1 068 358)	\$334 543 (131 154 - 641 167)	\$601 580 (266 810 - 1 123 734)	\$334 428 (131 154 - 641 166)	\$1 112 519 (507 746 - 2 041 234)	\$334 543 (131 154 - 641 167)	\$727 838 (317 785 - 1 306 773)	\$289 504 (114 238 - 555 127)	\$516 012 (234 064 - 973 995)	\$353 641 (138 744 - 677 263)

Latin America and Caribbean	\$2 470 (1 260 - 4 102)	\$13 579 (7 238 - 20 032)	\$15 381 (5 534 - 34 488)	\$31 107 (11 594 - 56 823)	\$16 679 (6 086 - 37 736)	\$31 107 (11 594 - 56 823)	\$25 782 (11 486 - 50 182)	\$31 107 (11 594 - 56 823)	\$17 003 (6 139 - 37 561)	\$30 557 (11 358 - 56 074)	\$11 340 (4 230 - 26 239)	\$32 902 (12 247 - 60 535)
North Africa and Middle East	\$1 101 (502 - 1 832)	\$4 005 (1 818 - 6 594)	\$14 774 (5 179 - 31 522)	\$12 606 (4 035 - 27 528)	\$16 462 (5 766 - 35 722)	\$12 606 (4 035 - 27 528)	\$22 376 (9 514 - 43 250)	\$12 606 (4 035 - 27 528)	\$16 192 (5 622 - 34 458)	\$12 312 (3 950 - 26 764)	\$9 536 (3 411 - 21 172)	\$13 549 (4 341 - 29 537)
South Asia	\$409 (188 - 681)	\$5 504 (3 547 - 7 300)	\$7 395 (2 599 - 15 911)	\$20 779 (8 661 - 36 491)	\$7 808 (2 808 - 17 017)	\$20 779 (8 661 - 36 491)	\$7 445 (2 655 - 15 888)	\$20 779 (8 661 - 36 491)	\$7 438 (2 613 - 15 999)	\$20 716 (8 632 - 36 380)	\$4 241 (1 521 - 9 809)	\$21 763 (9 083 - 38 204)
Southeast Asia, East Asia, and Oceania	\$16 876 (8 575 - 27 865)	\$70 261 (36 305 - 107 123)	\$790 539 (298 244 - 1 727 323)	\$325 181 (109 833 - 650 880)	\$790 820 (298 367 - 1 727 922)	\$325 181 (109 833 - 650 880)	\$797 113 (302 106 - 1 727 624)	\$325 181 (109 833 - 650 880)	\$792 494 (299 011 - 1 732 130)	\$324 551 (109 593 - 649 812)	\$498 022 (178 044 - 1 192 793)	\$395 714 (134 720 - 788 836)
Sub-Saharan Africa	\$171 (80 - 283)	\$5 117 (3 420 - 6 762)	\$1 287 (455 - 2 768)	\$21 524 (10 079 - 34 281)	\$1 513 (548 - 3 328)	\$21 524 (10 079 - 34 281)	\$1 783 (788 - 3 406)	\$21 524 (10 079 - 34 281)	\$1 608 (567 - 3 433)	\$21 177 (9 918 - 33 563)	\$923 (332 - 2 032)	\$22 055 (10 307 - 35 389)

Supplementary Table 32. Sensitivity Analysis – High Prevalence Forecast Scenario

	Direct spending attributable to dementia 2019	Indirect spending attributable to dementia 2019	Direct spending attributable to dementia 2050 - baseline	Indirect spending attributable to dementia 2050 - baseline	Direct spending attributable to dementia 2050 - accelerated diagnosis rates	Indirect spending attributable to dementia 2050 - accelerated diagnosis rates	Direct spending attributable to dementia 2050 - accelerated unit costs	Indirect spending attributable to dementia 2050 - accelerated unit costs	Direct spending attributable to dementia 2050 - accelerated nursing home-based care rates	Indirect spending attributable to dementia 2050 - accelerated nursing home-based care rates	Direct spending attributable to dementia 2050 - decelerated nursing home-based care rates	Indirect spending attributable to dementia 2050 - decelerated nursing home-based care rates
Global	\$260 645 (131 582 - 420 417)	\$354 114 (190 023 - 544 107)	\$1 753 810 (718 075 - 3 597 256)	\$985 302 (375 803 - 1 882 420)	\$1 798 414 (738 214 - 3 686 536)	\$985 158 (375 803 - 1 882 414)	\$2 432 729 (1 089 981 - 4 543 526)	\$985 302 (375 803 - 1 882 420)	\$1 949 539 (816 949 - 3 908 146)	\$927 413 (351 366 - 1 777 064)	\$1 295 985 (534 738 - 2 726 803)	\$1 107 311 (422 266 - 2 121 596)
High income	\$238 788 (120 677 - 382 400)	\$245 783 (125 914 - 387 227)	\$709 011 (308 651 - 1 333 418)	\$426 135 (165 143 - 810 665)	\$747 101 (326 353 - 1 414 224)	\$425 992 (165 143 - 810 665)	\$1 364 742 (624 988 - 2 529 171)	\$426 135 (165 143 - 810 665)	\$898 259 (389 896 - 1 621 597)	\$371 429 (145 671 - 704 931)	\$634 251 (283 138 - 1 229 961)	\$452 048 (174 472 - 858 940)

Upper middle income	\$20 869 (10 721 - 34 465)	\$91 824 (48 729 - 137 672)	\$1 028 159 (381 253 - 2 233 055)	\$478 605 (167 010 - 936 442)	\$1 033 601 (383 148 - 2 246 011)	\$478 605 (167 010 - 936 442)	\$1 049 841 (405 483 - 2 229 067)	\$478 605 (167 010 - 936 442)	\$1 033 606 (383 482 - 2 244 093)	\$476 290 (166 242 - 931 567)	\$651 005 (229 339 - 1 550 874)	\$571 794 (199 808 - 1 129 121)
Lower middle income	\$956 (455 - 1 577)	\$13 933 (7 872 - 20 059)	\$16 086 (5 854 - 35 353)	\$63 559 (24 885 - 119 577)	\$17 094 (6 211 - 37 676)	\$63 559 (24 885 - 119 577)	\$17 506 (7 167 - 34 905)	\$63 559 (24 885 - 119 577)	\$17 058 (6 280 - 37 467)	\$62 836 (24 651 - 118 169)	\$10 405 (3 807 - 24 013)	\$66 035 (26 049 - 124 206)
Low income	\$33 (15 - 54)	\$2 575 (1 853 - 3 294)	\$554 (198 - 1 182)	\$17 002 (8 674 - 26 329)	\$618 (222 - 1 358)	\$17 002 (8 674 - 26 329)	\$640 (264 - 1 242)	\$17 002 (8 674 - 26 329)	\$616 (216 - 1 314)	\$16 857 (8 604 - 26 008)	\$324 (116 - 726)	\$17 433 (8 885 - 27 023)
Central Europe, Eastern Europe, and Central Asia	\$3 714 (1 907 - 6 213)	\$17 934 (8 884 - 27 437)	\$28 520 (10 533 - 64 446)	\$67 378 (25 817 - 123 534)	\$31 347 (11 803 - 70 841)	\$67 378 (25 817 - 123 534)	\$32 504 (15 046 - 61 524)	\$67 378 (25 817 - 123 534)	\$30 586 (11 269 - 67 768)	\$65 618 (25 039 - 119 759)	\$22 473 (8 320 - 52 399)	\$72 424 (27 730 - 131 981)
High-income	\$235 904 (119 314 - 377 408)	\$237 715 (121 679 - 374 051)	\$685 530 (299 460 - 1 289 279)	\$402 608 (156 026 - 767 674)	\$722 426 (316 634 - 1 355 750)	\$402 465 (156 026 - 767 672)	\$1 329 223 (609 232 - 2 461 449)	\$402 608 (156 026 - 767 674)	\$872 467 (379 166 - 1 567 021)	\$348 844 (136 299 - 665 356)	\$616 745 (275 664 - 1 190 366)	\$425 855 (164 434 - 807 061)
Latin America and Caribbean	\$2 470 (1 260 - 4 102)	\$13 579 (7 238 - 20 032)	\$19 428 (7 019 - 43 486)	\$38 765 (14 393 - 71 407)	\$21 063 (7 581 - 47 414)	\$38 765 (14 393 - 71 407)	\$32 524 (14 405 - 63 555)	\$38 765 (14 393 - 71 407)	\$21 474 (7 811 - 47 468)	\$38 084 (14 139 - 70 314)	\$14 312 (5 258 - 33 258)	\$41 012 (15 225 - 75 769)
North Africa and Middle East	\$1 101 (502 - 1 832)	\$4 005 (1 818 - 6 594)	\$18 333 (6 496 - 39 069)	\$15 651 (5 114 - 33 955)	\$20 429 (7 296 - 44 409)	\$15 651 (5 114 - 33 955)	\$27 790 (11 741 - 53 588)	\$15 651 (5 114 - 33 955)	\$20 110 (6 951 - 42 685)	\$15 282 (4 991 - 33 209)	\$11 837 (4 248 - 26 119)	\$16 819 (5 527 - 36 305)
South Asia	\$409 (188 - 681)	\$5 504 (3 547 - 7 300)	\$9 309 (3 321 - 19 788)	\$26 160 (10 918 - 45 436)	\$9 829 (3 568 - 21 161)	\$26 160 (10 918 - 45 436)	\$9 372 (3 380 - 19 790)	\$26 160 (10 918 - 45 436)	\$9 364 (3 342 - 19 899)	\$26 080 (10 879 - 45 341)	\$5 338 (1 921 - 12 192)	\$27 398 (11 492 - 47 402)
Southeast Asia, East Asia, and Oceania	\$16 876 (8 575 - 27 865)	\$70 261 (36 305 - 107 123)	\$991 031 (368 174 - 2 150 585)	\$407 375 (136 687 - 807 449)	\$991 368 (368 321 - 2 151 351)	\$407 375 (136 687 - 807 449)	\$998 998 (372 919 - 2 149 176)	\$407 375 (136 687 - 807 449)	\$993 458 (369 170 - 2 155 463)	\$406 591 (136 460 - 805 326)	\$624 083 (219 670 - 1 488 526)	\$495 773 (167 686 - 993 170)

Sub-Saharan Africa	\$171 (80 - 283)	\$5 117 (3 420 - 6 762)	\$1 659 (589 - 3 580)	\$27 365 (12 948 - 44 059)	\$1 952 (704 - 4 347)	\$27 365 (12 948 - 44 059)	\$2 318 (1 031 - 4 481)	\$27 365 (12 948 - 44 059)	\$2 081 (729 - 4 436)	\$26 914 (12 754 - 43 202)	\$1 197 (430 - 2 675)	\$28 032 (13 245 - 45 132)
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In facility care settings, the fraction of direct care spending attributable to dementia is assumed to be lower for patients without a diagnosis than patients with a diagnosis. However, there is little to no data on the attributable fraction for patients in a care facility without a diagnosis. We assigned the attributable fraction for patients without a diagnosis to be 50% of the attributable fraction for patients with a diagnosis in care facilities. To account for the uncertainty around this fraction, we ran sensitivity analyses for both low and high attributable fraction scenarios, shown in Supplementary Tables 33 and 34, respectively. In the low scenario, the undiagnosed attributable fraction is set to 25% of the value for patients with a diagnosis. In the high scenario, the undiagnosed attributable fraction is set to 75% of the value for patients with a diagnosis.

Supplementary Table 33. Sensitivity Analysis – Low Undiagnosed Attributable Fraction Scenario

	Direct spending attributable to dementia 2019	Indirect spending attributable to dementia 2019	Direct spending attributable to dementia 2050 - baseline	Indirect spending attributable to dementia 2050 - baseline	Direct spending attributable to dementia 2050 - accelerated diagnosis rates	Indirect spending attributable to dementia 2050 - accelerated diagnosis rates	Direct spending attributable to dementia 2050 - accelerated unit costs	Indirect spending attributable to dementia 2050 - accelerated unit costs	Direct spending attributable to dementia 2050 – accelerated nursing home based care rates	Indirect spending attributable to dementia 2050 – accelerated nursing home based care rates	Direct spending attributable to dementia 2050 – decelerated nursing home based care rates	Indirect spending attributable to dementia 2050 – decelerated nursing home based care rates
Global	\$231 024 (119 706 - 371 395)	\$354 114 (190 023 - 544 107)	\$1 426 468 (571 472 - 3 043 478)	\$890 346 (342 026 - 1 728 629)	\$1 476 569 (595 866 - 3 140 401)	\$890 219 (342 026 - 1 728 296)	\$2 012 636 (892 253 - 3 834 290)	\$890 346 (342 026 - 1 728 629)	\$1 589 402 (670 956 - 3 272 116)	\$837 362 (321 323 - 1 626 011)	\$1 108 621 (441 992 - 2 471 651)	\$1 000 267 (374 801 - 1 930 314)
High income	\$214 837 (110 502 - 344 640)	\$245 783 (125 914 - 387 227)	\$616 364 (265 133 - 1 215 355)	\$389 079 (148 689 - 755 164)	\$659 789 (286 010 - 1 302 994)	\$388 952 (148 689 - 754 007)	\$1 186 182 (540 710 - 2 231 048)	\$389 079 (148 689 - 755 164)	\$775 404 (333 516 - 1 447 810)	\$338 923 (128 094 - 663 159)	\$555 092 (236 606 - 1 100 797)	\$412 653 (157 644 - 801 493)
Upper middle income	\$15 521 (8 167 - 26 256)	\$91 824 (48 729 - 137 672)	\$799 497 (290 498 - 1 861 877)	\$429 264 (146 506 - 860 047)	\$805 087 (292 875 - 1 876 966)	\$429 264 (146 506 - 860 047)	\$814 926 (307 346 - 1 842 494)	\$429 264 (146 506 - 860 047)	\$802 845 (292 020 - 1 867 902)	\$427 209 (145 958 - 854 672)	\$546 067 (187 646 - 1 336 873)	\$513 007 (174 828 - 1 044 398)
Lower middle income	\$645 (331 - 1 084)	\$13 933 (7 872 - 20 059)	\$10 291 (3 696 - 24 279)	\$56 770 (22 038 - 108 119)	\$11 316 (4 068 - 27 009)	\$56 770 (22 038 - 108 119)	\$11 162 (4 612 - 23 251)	\$56 770 (22 038 - 108 119)	\$10 808 (3 901 - 24 966)	\$56 126 (21 756 - 106 870)	\$7 259 (2 508 - 17 896)	\$58 984 (22 968 - 112 358)

Low income	\$21 (11 - 35)	\$2 575 (1 853 - 3 294)	\$316 (117 - 703)	\$15 233 (7 656 - 24 010)	\$378 (138 - 881)	\$15 233 (7 656 - 24 010)	\$366 (159 - 735)	\$15 233 (7 656 - 24 010)	\$346 (127 - 766)	\$15 104 (7 596 - 23 757)	\$203 (73 - 481)	\$15 622 (7 829 - 24 717)
Central Europe, Eastern Europe, and Central Asia	\$2 991 (1 567 - 5 095)	\$17 934 (8 884 - 27 437)	\$21 707 (7 658 - 50 853)	\$59 355 (22 821 - 112 309)	\$24 529 (8 763 - 57 423)	\$59 355 (22 821 - 112 309)	\$24 552 (10 719 - 46 476)	\$59 355 (22 821 - 112 309)	\$23 052 (8 319 - 53 407)	\$57 803 (22 188 - 109 127)	\$17 778 (6 095 - 43 309)	\$63 812 (24 515 - 121 352)
High-income	\$212 601 (109 419 - 341 020)	\$237 715 (121 679 - 374 051)	\$598 825 (258 823 - 1 174 705)	\$368 021 (140 736 - 718 112)	\$640 816 (277 742 - 1 259 191)	\$367 894 (140 736 - 716 956)	\$1 160 494 (528 091 - 2 182 755)	\$368 021 (140 736 - 718 112)	\$756 398 (326 278 - 1 397 142)	\$318 708 (120 969 - 626 209)	\$541 629 (230 808 - 1 067 089)	\$389 191 (148 920 - 754 674)
Latin America and Caribbean	\$1 931 (1 008 - 3 280)	\$13 579 (7 238 - 20 032)	\$14 679 (5 400 - 33 595)	\$34 869 (13 060 - 66 460)	\$16 355 (6 048 - 37 725)	\$34 869 (13 060 - 66 460)	\$24 478 (10 794 - 49 778)	\$34 869 (13 060 - 66 460)	\$15 998 (5 827 - 36 353)	\$34 255 (12 822 - 65 272)	\$11 233 (3 988 - 26 841)	\$36 887 (13 873 - 70 480)
North Africa and Middle East	\$762 (371 - 1 298)	\$4 005 (1 818 - 6 594)	\$11 915 (4 320 - 26 349)	\$14 122 (4 684 - 30 286)	\$14 291 (5 178 - 31 877)	\$14 122 (4 684 - 30 286)	\$17 798 (7 598 - 35 420)	\$14 122 (4 684 - 30 286)	\$12 927 (4 642 - 28 476)	\$13 791 (4 593 - 29 596)	\$8 102 (2 916 - 19 088)	\$15 178 (5 016 - 32 529)
South Asia	\$266 (134 - 455)	\$5 504 (3 547 - 7 300)	\$5 703 (2 063 - 13 137)	\$23 397 (9 605 - 42 097)	\$6 235 (2 237 - 14 603)	\$23 397 (9 605 - 42 097)	\$5 739 (2 110 - 13 154)	\$23 397 (9 605 - 42 097)	\$5 730 (2 073 - 13 200)	\$23 326 (9 567 - 41 976)	\$3 604 (1 263 - 8 867)	\$24 506 (10 080 - 44 181)
Southeast Asia, East Asia, and Oceania	\$12 356 (6 497 - 20 782)	\$70 261 (36 305 - 107 123)	\$772 658 (279 861 - 1 794 025)	\$366 198 (123 125 - 755 424)	\$773 075 (280 037 - 1 794 872)	\$366 198 (123 125 - 755 424)	\$778 173 (286 702 - 1 788 096)	\$366 198 (123 125 - 755 424)	\$774 096 (280 352 - 1 796 572)	\$365 494 (122 924 - 754 037)	\$525 523 (180 073 - 1 286 437)	\$445 713 (150 116 - 922 163)
Sub-Saharan Africa	\$116 (59 - 197)	\$5 117 (3 420 - 6 762)	\$982 (362 - 2 189)	\$24 383 (11 335 - 41 031)	\$1 269 (466 - 2 958)	\$24 383 (11 335 - 41 031)	\$1 401 (613 - 2 826)	\$24 383 (11 335 - 41 031)	\$1 202 (437 - 2 640)	\$23 985 (11 145 - 40 342)	\$752 (273 - 1 762)	\$24 981 (11 630 - 41 951)

Supplementary Table 34. Sensitivity Analysis – High Undiagnosed Attributable Fraction Scenario

	Direct spending attributable to dementia 2019	Indirect spending attributable to dementia 2019	Direct spending attributable to dementia 2050 - baseline	Indirect spending attributable to dementia 2050 - baseline	Direct spending attributable to dementia 2050 - accelerated diagnosis rates	Indirect spending attributable to dementia 2050 - accelerated diagnosis rates	Direct spending attributable to dementia 2050 - accelerated unit costs	Indirect spending attributable to dementia 2050 - accelerated unit costs	Direct spending attributable to dementia 2050 - accelerated nursing home-based care rates	Indirect spending attributable to dementia 2050 - accelerated nursing home-based care rates	Direct spending attributable to dementia 2050 – decelerated nursing home-based care rates	Indirect spending attributable to dementia 2050 – decelerated nursing home-based care rates
Global	\$290 267 (144 232 - 461 271)	\$354 114 (190 023 - 544 107)	\$1 748 753 (703 653 - 3 554 500)	\$890 346 (342 026 - 1 728 629)	\$1 778 657 (720 569 - 3 618 942)	\$890 219 (342 026 - 1 728 296)	\$2 406 086 (1 102 061 - 4 510 869)	\$890 346 (342 026 - 1 728 629)	\$1 943 476 (800 251 - 3 850 302)	\$837 362 (321 323 - 1 626 011)	\$1 243 384 (517 254 - 2 697 948)	\$1 000 267 (374 801 - 1 930 314)
High income	\$262 739 (131 133 - 416 475)	\$245 783 (125 914 - 387 227)	\$681 427 (300 419 - 1 295 836)	\$389 079 (148 689 - 755 164)	\$706 448 (311 974 - 1 347 467)	\$388 952 (148 689 - 754 007)	\$1 313 668 (604 726 - 2 405 275)	\$389 079 (148 689 - 755 164)	\$868 488 (381 072 - 1 564 634)	\$338 923 (128 094 - 663 159)	\$607 045 (270 555 - 1 163 912)	\$412 653 (157 644 - 801 493)
Upper middle income	\$26 217 (12 777 - 43 135)	\$91 824 (48 729 - 137 672)	\$1 048 151 (393 398 - 2 306 880)	\$429 264 (146 506 - 860 047)	\$1 052 215 (395 015 - 2 314 988)	\$429 264 (146 506 - 860 047)	\$1 071 480 (414 591 - 2 311 657)	\$429 264 (146 506 - 860 047)	\$1 054 512 (395 927 - 2 319 243)	\$427 209 (145 958 - 854 672)	\$624 598 (224 288 - 1 525 265)	\$513 007 (174 828 - 1 044 398)
Lower middle income	\$1 266 (572 - 2 117)	\$13 933 (7 872 - 20 059)	\$18 494 (6 878 - 40 726)	\$56 770 (22 038 - 108 119)	\$19 262 (7 256 - 42 929)	\$56 770 (22 038 - 108 119)	\$20 155 (8 037 - 40 652)	\$56 770 (22 038 - 108 119)	\$19 714 (7 255 - 43 222)	\$56 126 (21 756 - 106 870)	\$11 362 (4 150 - 25 856)	\$58 984 (22 968 - 112 358)
Low income	\$44 (20 - 75)	\$2 575 (1 853 - 3 294)	\$681 (233 - 1 426)	\$15 233 (7 656 - 24 010)	\$733 (263 - 1 554)	\$15 233 (7 656 - 24 010)	\$783 (319 - 1 509)	\$15 233 (7 656 - 24 010)	\$762 (261 - 1 597)	\$15 104 (7 596 - 23 757)	\$379 (140 - 829)	\$15 622 (7 829 - 24 717)
Central Europe, Eastern Europe, and Central Asia	\$4 438 (2 228 - 7 372)	\$17 934 (8 884 - 27 437)	\$28 619 (10 744 - 63 552)	\$59 355 (22 821 - 112 309)	\$30 745 (11 554 - 68 559)	\$59 355 (22 821 - 112 309)	\$32 760 (14 603 - 61 900)	\$59 355 (22 821 - 112 309)	\$30 911 (11 730 - 68 410)	\$57 803 (22 188 - 109 127)	\$21 868 (7 854 - 50 363)	\$63 812 (24 515 - 121 352)
High-income	\$259 207 (129 533 - 410 588)	\$237 715 (121 679 - 374 051)	\$656 723 (290 800 - 1 248 550)	\$368 021 (140 736 - 718 112)	\$681 024 (302 138 - 1 295 826)	\$367 894 (140 736 - 716 956)	\$1 275 299 (586 987 - 2 326 432)	\$368 021 (140 736 - 718 112)	\$841 113 (371 742 - 1 511 439)	\$318 708 (120 969 - 626 209)	\$589 054 (262 866 - 1 125 401)	\$389 191 (148 920 - 754 674)

Latin America and Caribbean	\$3 009 (1 497 - 4 930)	\$13 579 (7 238 - 20 032)	\$20 062 (7 466 - 43 143)	\$34 869 (13 060 - 66 460)	\$21 310 (7 997 - 46 258)	\$34 869 (13 060 - 66 460)	\$33 720 (14 967 - 65 814)	\$34 869 (13 060 - 66 460)	\$22 403 (8 404 - 48 032)	\$34 255 (12 822 - 65 272)	\$14 366 (5 351 - 32 496)	\$36 887 (13 873 - 70 480)
North Africa and Middle East	\$1 440 (639 - 2 406)	\$4 005 (1 818 - 6 594)	\$21 169 (7 477 - 44 993)	\$14 122 (4 684 - 30 286)	\$22 573 (8 176 - 48 149)	\$14 122 (4 684 - 30 286)	\$32 314 (12 948 - 61 787)	\$14 122 (4 684 - 30 286)	\$23 347 (8 234 - 49 269)	\$13 791 (4 593 - 29 596)	\$13 251 (4 880 - 28 922)	\$15 178 (5 016 - 32 529)
South Asia	\$551 (245 - 932)	\$5 504 (3 547 - 7 300)	\$10 935 (3 975 - 23 582)	\$23 397 (9 605 - 42 097)	\$11 332 (4 140 - 24 614)	\$23 397 (9 605 - 42 097)	\$11 011 (4 019 - 23 785)	\$23 397 (9 605 - 42 097)	\$11 006 (4 004 - 23 738)	\$23 326 (9 567 - 41 976)	\$5 936 (2 182 - 13 443)	\$24 506 (10 080 - 44 181)
Southeast Asia, East Asia, and Oceania	\$21 396 (10 254 - 35 290)	\$70 261 (36 305 - 107 123)	\$1 009 296 (379 001 - 2 229 988)	\$366 198 (123 125 - 755 424)	\$1 009 496 (379 101 - 2 230 381)	\$366 198 (123 125 - 755 424)	\$1 018 302 (391 540 - 2 233 441)	\$366 198 (123 125 - 755 424)	\$1 012 228 (380 137 - 2 236 128)	\$365 494 (122 924 - 754 037)	\$597 551 (214 646 - 1 462 641)	\$445 713 (150 116 - 922 163)
Sub-Saharan Africa	\$226 (102 - 380)	\$5 117 (3 420 - 6 762)	\$1 950 (685 - 4 148)	\$24 383 (11 335 - 41 031)	\$2 178 (783 - 4 704)	\$24 383 (11 335 - 41 031)	\$2 680 (1 134 - 5 261)	\$24 383 (11 335 - 41 031)	\$2 468 (861 - 5 195)	\$23 985 (11 145 - 40 342)	\$1 357 (483 - 2 942)	\$24 981 (11 630 - 41 951)

Supplementary Table 35 shows costs from a sensitivity analysis where the attributable fraction is set to 100%. These costs represent an upper bound in which no adjustment for comorbidity is made.

Supplementary Table 35: Sensitivity Analysis – Full Attribution Scenario

	Direct spending on dementia 2019	Indirect spending on dementia 2019	Direct spending on dementia 2050 - baseline	Indirect spending on dementia 2050 - baseline	Direct spending on dementia 2050 - accelerated diagnosis rates	Indirect spending on dementia 2050 - accelerated diagnosis rates	Direct spending on dementia 2050 - accelerated unit costs	Indirect spending on dementia 2050 - accelerated unit costs	Direct spending on dementia 2050 – accelerated nursing home based care rates	Indirect spending on dementia 2050 – accelerated nursing home based care rates	Direct spending on dementia 2050 – decelerated nursing home based care rates	Indirect spending on dementia 2050 – decelerated nursing home based care rates
Global	\$497 250 (344 674 - 710 885)	\$608 930 (328 976 - 924 949)	\$3 119 922 (1 513 194 - 6 303 076)	\$1 531 275 (578 953 - 2 893 337)	\$3 167 409 (1 529 183 - 6 407 037)	\$1 531 056 (578 953 - 2 893 337)	\$4 192 269 (2 234 269 - 7 521 823)	\$1 531 275 (578 953 - 2 893 337)	\$3 369 317 (1 706 591 - 6 618 973)	\$1 440 161 (537 219 - 2 734 662)	\$2 411 740 (1 073 865 - 5 190 777)	\$1 720 360 (640 649 - 3 281 587)

High income	\$444 603 (310 716 - 630 946)	\$422 614 (219 960 - 667 155)	\$1 164 559 (601 805 - 2 181 995)	\$669 009 (264 624 - 1 277 212)	\$1 202 370 (618 966 - 2 254 423)	\$668 790 (264 386 - 1 275 257)	\$2 190 336 (1 170 733 - 3 810 888)	\$669 009 (264 624 - 1 277 212)	\$1 401 598 (791 858 - 2 459 464)	\$582 760 (228 192 - 1 122 951)	\$1 067 855 (542 179 - 2 035 725)	\$709 549 (278 571 - 1 363 795)
Upper middle income	\$50 163 (31 622 - 78 070)	\$157 928 (85 336 - 231 331)	\$1 919 308 (847 073 - 4 094 047)	\$738 416 (254 750 - 1 505 356)	\$1 927 322 (849 986 - 4 114 080)	\$738 416 (254 750 - 1 505 356)	\$1 962 579 (894 507 - 4 104 406)	\$738 416 (254 750 - 1 505 356)	\$1 929 445 (852 482 - 4 109 481)	\$734 881 (253 572 - 1 499 373)	\$1 320 644 (488 196 - 3 194 497)	\$882 482 (307 115 - 1 817 658)
Lower middle income	\$2 399 (1 501 - 3 726)	\$23 960 (13 858 - 33 650)	\$34 783 (15 135 - 75 281)	\$97 650 (38 886 - 188 745)	\$36 332 (15 636 - 80 083)	\$97 650 (38 886 - 188 745)	\$37 886 (18 848 - 72 705)	\$97 650 (38 886 - 188 745)	\$36 858 (16 182 - 78 821)	\$96 543 (38 550 - 186 835)	\$22 505 (9 037 - 51 011)	\$101 459 (40 317 - 195 956)
Low income	\$84 (52 - 131)	\$4 429 (3 233 - 5 510)	\$1 271 (579 - 2 597)	\$26 199 (13 244 - 40 181)	\$1 384 (614 - 2 914)	\$26 199 (13 244 - 40 181)	\$1 468 (770 - 2 662)	\$26 199 (13 244 - 40 181)	\$1 415 (648 - 2 889)	\$25 978 (13 148 - 39 799)	\$736 (316 - 1 600)	\$26 869 (13 532 - 41 433)
Central Europe, Eastern Europe, and Central Asia	\$8 457 (5 245 - 13 250)	\$30 838 (15 901 - 46 285)	\$53 664 (22 471 - 115 437)	\$102 089 (39 167 - 192 139)	\$57 982 (24 041 - 125 472)	\$102 089 (39 167 - 192 139)	\$61 014 (30 689 - 113 598)	\$102 089 (39 167 - 192 139)	\$57 056 (24 229 - 121 047)	\$99 420 (38 184 - 186 522)	\$43 626 (16 800 - 99 726)	\$109 757 (42 204 - 205 230)
High-income	\$438 186 (306 798 - 622 077)	\$408 742 (212 730 - 645 130)	\$1 120 956 (583 234 - 2 097 679)	\$632 793 (247 423 - 1 215 741)	\$1 157 885 (598 663 - 2 163 808)	\$632 574 (247 185 - 1 215 741)	\$2 123 207 (1 131 773 - 3 688 878)	\$632 793 (247 423 - 1 215 741)	\$1 353 772 (769 827 - 2 359 758)	\$547 993 (213 795 - 1 055 401)	\$1 034 276 (526 789 - 1 969 842)	\$669 197 (261 615 - 1 287 211)
Latin America and Caribbean	\$5 716 (3 586 - 8 953)	\$23 351 (12 624 - 33 639)	\$36 977 (15 555 - 78 904)	\$59 968 (22 303 - 112 578)	\$39 485 (16 433 - 85 269)	\$59 968 (22 303 - 112 578)	\$62 946 (31 703 - 119 771)	\$59 968 (22 303 - 112 578)	\$40 697 (17 498 - 86 534)	\$58 912 (21 935 - 110 374)	\$28 159 (10 931 - 64 067)	\$63 439 (23 628 - 118 899)
North Africa and Middle East	\$2 650 (1 652 - 4 140)	\$6 887 (3 205 - 11 570)	\$37 897 (17 142 - 76 641)	\$24 290 (8 140 - 53 262)	\$40 122 (17 729 - 82 752)	\$24 290 (8 140 - 53 262)	\$58 023 (29 805 - 108 098)	\$24 290 (8 140 - 53 262)	\$41 619 (18 916 - 83 285)	\$23 720 (7 962 - 51 964)	\$24 739 (10 342 - 53 821)	\$26 105 (8 752 - 56 816)
South Asia	\$1 039 (644 - 1 607)	\$9 465 (6 218 - 12 119)	\$20 254 (9 034 - 43 092)	\$40 245 (16 611 - 72 374)	\$21 057 (9 274 - 45 731)	\$40 245 (16 611 - 72 374)	\$20 399 (9 214 - 42 935)	\$40 245 (16 611 - 72 374)	\$20 381 (9 090 - 43 326)	\$40 122 (16 543 - 72 150)	\$11 609 (4 680 - 26 441)	\$42 152 (17 453 - 75 950)

Southeast Asia, East Asia, and Oceania	\$40 779 (25 645 - 62 902)	\$120 848 (63 540 - 180 623)	\$1 846 540 (814 755 - 3 943 651)	\$629 953 (209 844 - 1 308 961)	\$1 846 763 (814 857 - 3 944 179)	\$629 953 (209 844 - 1 308 961)	\$1 861 655 (833 093 - 3 953 657)	\$629 953 (209 844 - 1 308 961)	\$1 851 264 (817 658 - 3 951 532)	\$628 741 (209 495 - 1 306 451)	\$1 266 742 (465 647 - 3 069 126)	\$766 745 (260 702 - 1 613 463)
Sub-Saharan Africa	\$423 (265 - 661)	\$8 799 (6 014 - 11 198)	\$3 634 (1 605 - 7 648)	\$41 937 (19 654 - 68 577)	\$4 114 (1 745 - 8 983)	\$41 937 (19 654 - 68 577)	\$5 026 (2 567 - 9 273)	\$41 937 (19 654 - 68 577)	\$4 528 (2 046 - 9 296)	\$41 252 (19 306 - 67 282)	\$2 589 (1 092 - 5 681)	\$42 965 (20 160 - 70 633)

Supplementary Table 36 : Sensitivity Analysis – Alternate Attributable Fraction Model Scenario

The attributable fractions for direct spending in the community, direct spending in nursing home, and direct spending on caregiving are sensitive to which papers are included in the meta-analysis. Supplementary Table 36 shows cost estimates when all studies found with an attributable fraction were included in the meta-analysis. The largest difference from our main analysis is the attributable fraction for people with dementia living in nursing homes, which is 63% in the table below and 74% in the main results.

	Direct spending attributable to dementia 2019	Indirect spending attributable to dementia 2019	Direct spending attributable to dementia 2050 - baseline	Indirect spending attributable to dementia 2050 - baseline	Direct spending attributable to dementia 2050 - accelerated diagnosis rates	Indirect spending attributable to dementia 2050 - accelerated diagnosis rates	Direct spending attributable to dementia 2050 - accelerated unit costs	Indirect spending attributable to dementia 2050 - accelerated unit costs	Direct spending attributable to dementia 2050 - accelerated nursing home-based care rates	Indirect spending attributable to dementia 2050 - accelerated nursing home-based care rates	Direct spending attributable to dementia 2050 – decelerated nursing home-based care rates	Indirect spending attributable to dementia 2050 – decelerated nursing home-based care rates
Global	\$232 824 (125 470 - 388 689)	\$366 765 (194 449 - 562 918)	\$1 439 695 (595 528 - 3 134 564)	\$922 068 (347 659 - 1 802 568)	\$1 477 001 (613 641 - 3 206 729)	\$921 938 (347 659 - 1 802 568)	\$1 992 633 (913 732 - 3 993 844)	\$922 068 (347 659 - 1 802 568)	\$1 588 178 (677 668 - 3 423 640)	\$867 197 (328 316 - 1 682 835)	\$1 100 131 (456 653 - 2 507 284)	\$1 035 860 (380 116 - 2 031 529)
High income	\$212 971 (114 227 - 354 293)	\$254 571 (129 368 - 397 264)	\$584 965 (259 519 - 1 177 802)	\$403 012 (157 655 - 781 656)	\$616 696 (276 488 - 1 244 133)	\$402 882 (157 514 - 781 654)	\$1 119 241 (519 876 - 2 107 963)	\$403 012 (157 655 - 781 656)	\$728 564 (331 069 - 1 427 688)	\$351 071 (135 458 - 684 943)	\$528 501 (232 316 - 1 067 202)	\$427 424 (168 699 - 830 272)
Upper middle income	\$18 966 (9 462 - 32 794)	\$95 095 (51 093 - 143 705)	\$841 324 (318 798 - 1 949 065)	\$444 452 (148 589 - 909 756)	\$845 975 (321 024 - 1 961 101)	\$444 452 (148 589 - 909 756)	\$858 792 (337 376 - 1 981 222)	\$444 452 (148 589 - 909 756)	\$845 423 (319 603 - 1 957 812)	\$442 324 (147 669 - 905 854)	\$562 748 (197 610 - 1 479 363)	\$531 136 (177 435 - 1 091 831)
Lower middle income	\$858 (408 - 1 496)	\$14 432 (8 190 - 20 722)	\$12 963 (4 715 - 30 288)	\$58 822 (22 476 - 114 636)	\$13 832 (4 981 - 32 870)	\$58 822 (22 476 - 114 636)	\$14 089 (5 891 - 31 016)	\$58 822 (22 476 - 114 636)	\$13 702 (5 012 - 31 777)	\$58 155 (22 270 - 113 349)	\$8 617 (3 115 - 21 391)	\$61 116 (23 209 - 118 638)

Low income	\$29 (14 - 50)	\$2 667 (1 893 - 3 402)	\$443 (160 - 1 018)	\$15 781 (7 794 - 24 944)	\$498 (186 - 1 178)	\$15 781 (7 794 - 24 944)	\$511 (218 - 1 049)	\$15 781 (7 794 - 24 944)	\$490 (178 - 1 123)	\$15 648 (7 731 - 24 628)	\$264 (95 - 630)	\$16 185 (7 981 - 25 669)
Central Europe, Eastern Europe, and Central Asia	\$3 398 (1 699 - 6 001)	\$18 575 (9 295 - 28 771)	\$23 073 (8 344 - 55 562)	\$61 485 (22 976 - 116 494)	\$25 470 (9 272 - 61 487)	\$61 485 (22 976 - 116 494)	\$26 167 (11 212 - 52 663)	\$61 485 (22 976 - 116 494)	\$24 586 (8 878 - 58 336)	\$59 879 (22 492 - 113 130)	\$18 628 (6 614 - 47 208)	\$66 102 (24 535 - 124 922)
High-income	\$210 387 (112 919 - 349 902)	\$246 215 (125 260 - 385 353)	\$566 063 (251 801 - 1 140 550)	\$381 201 (147 439 - 740 163)	\$596 811 (268 397 - 1 205 297)	\$381 071 (147 298 - 740 081)	\$1 090 799 (507 145 - 2 050 603)	\$381 201 (147 439 - 740 163)	\$707 913 (322 575 - 1 379 066)	\$330 133 (127 881 - 644 081)	\$514 114 (227 559 - 1 029 016)	\$403 123 (158 209 - 779 817)
Latin America and Caribbean	\$2 250 (1 128 - 3 899)	\$14 065 (7 469 - 20 596)	\$15 800 (5 701 - 36 956)	\$36 125 (13 577 - 69 053)	\$17 213 (6 344 - 40 289)	\$36 125 (13 577 - 69 053)	\$26 527 (11 592 - 54 146)	\$36 125 (13 577 - 69 053)	\$17 353 (6 358 - 40 253)	\$35 489 (13 333 - 67 838)	\$11 930 (4 195 - 29 178)	\$38 215 (14 334 - 73 371)
North Africa and Middle East	\$979 (453 - 1 701)	\$4 148 (1 890 - 6 975)	\$14 626 (5 289 - 33 559)	\$14 631 (4 793 - 32 203)	\$16 391 (5 901 - 37 903)	\$14 631 (4 793 - 32 203)	\$22 138 (9 384 - 44 483)	\$14 631 (4 793 - 32 203)	\$15 993 (5 832 - 36 779)	\$14 288 (4 686 - 31 306)	\$9 638 (3 450 - 22 951)	\$15 724 (5 152 - 34 430)
South Asia	\$365 (174 - 639)	\$5 701 (3 710 - 7 464)	\$7 423 (2 644 - 17 334)	\$24 239 (9 809 - 43 273)	\$7 873 (2 814 - 18 354)	\$24 239 (9 809 - 43 273)	\$7 473 (2 727 - 17 381)	\$24 239 (9 809 - 43 273)	\$7 465 (2 660 - 17 431)	\$24 166 (9 784 - 43 167)	\$4 384 (1 551 - 10 798)	\$25 388 (10 169 - 45 710)
Southeast Asia, East Asia, and Oceania	\$15 292 (7 639 - 26 485)	\$72 761 (37 342 - 112 270)	\$811 404 (308 758 - 1 877 902)	\$379 126 (121 599 - 788 316)	\$811 684 (308 871 - 1 878 541)	\$379 126 (121 599 - 788 316)	\$817 703 (313 388 - 1 883 605)	\$379 126 (121 599 - 788 316)	\$813 245 (309 108 - 1 882 737)	\$378 396 (121 455 - 786 331)	\$540 482 (188 885 - 1 419 430)	\$461 429 (145 127 - 964 440)
Sub-Saharan Africa	\$153 (72 - 267)	\$5 300 (3 517 - 6 941)	\$1 307 (475 - 3 094)	\$25 260 (11 663 - 41 902)	\$1 559 (567 - 3 697)	\$25 260 (11 663 - 41 902)	\$1 827 (795 - 3 660)	\$25 260 (11 663 - 41 902)	\$1 623 (579 - 3 855)	\$24 847 (11 447 - 41 074)	\$954 (345 - 2 269)	\$25 879 (11 992 - 43 184)

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