



**Alzheimer's Disease
International**

Global Economic Impact of Dementia

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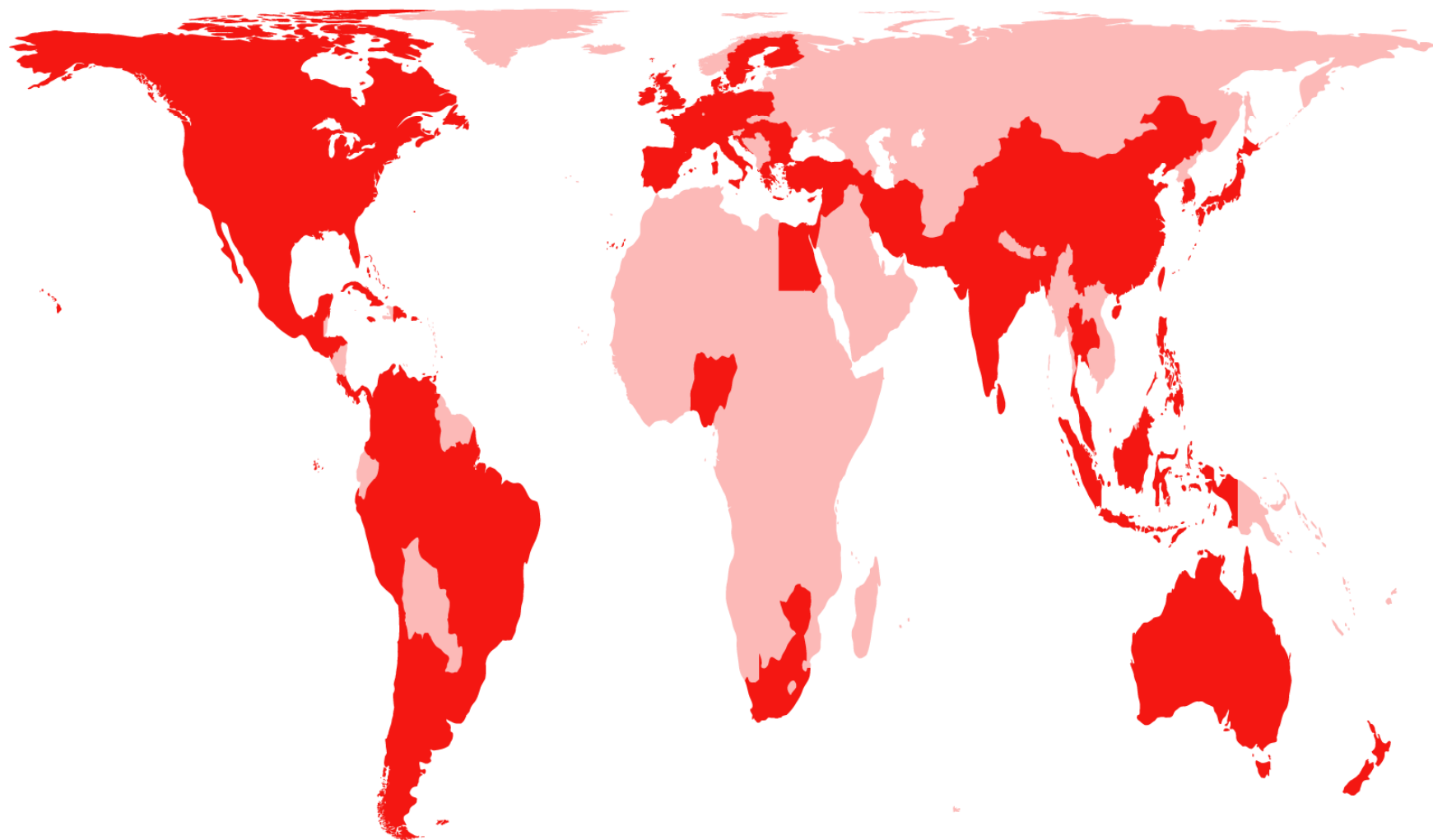
What Is Alzheimer's Disease International (ADI)?

- **Umbrella organisation of 73 national Alzheimer associations throughout the world**
- **Each member is the national association in their country**
- **They support people with dementia and their families, provide training, advocate to their governments and - if they can afford - stimulate research with funding**

Member countries 2009–2010



**Alzheimer's Disease
International**



ADI - Key goals



- **To advocate to make dementia a global health priority**
- **To build and strengthen Alzheimer associations worldwide. Stronger Alzheimer associations are better able to meet the needs of people with dementia and their caregivers**
- **To raise world awareness about Alzheimer's disease and the other dementias**



World Alzheimer's Day - 21 September





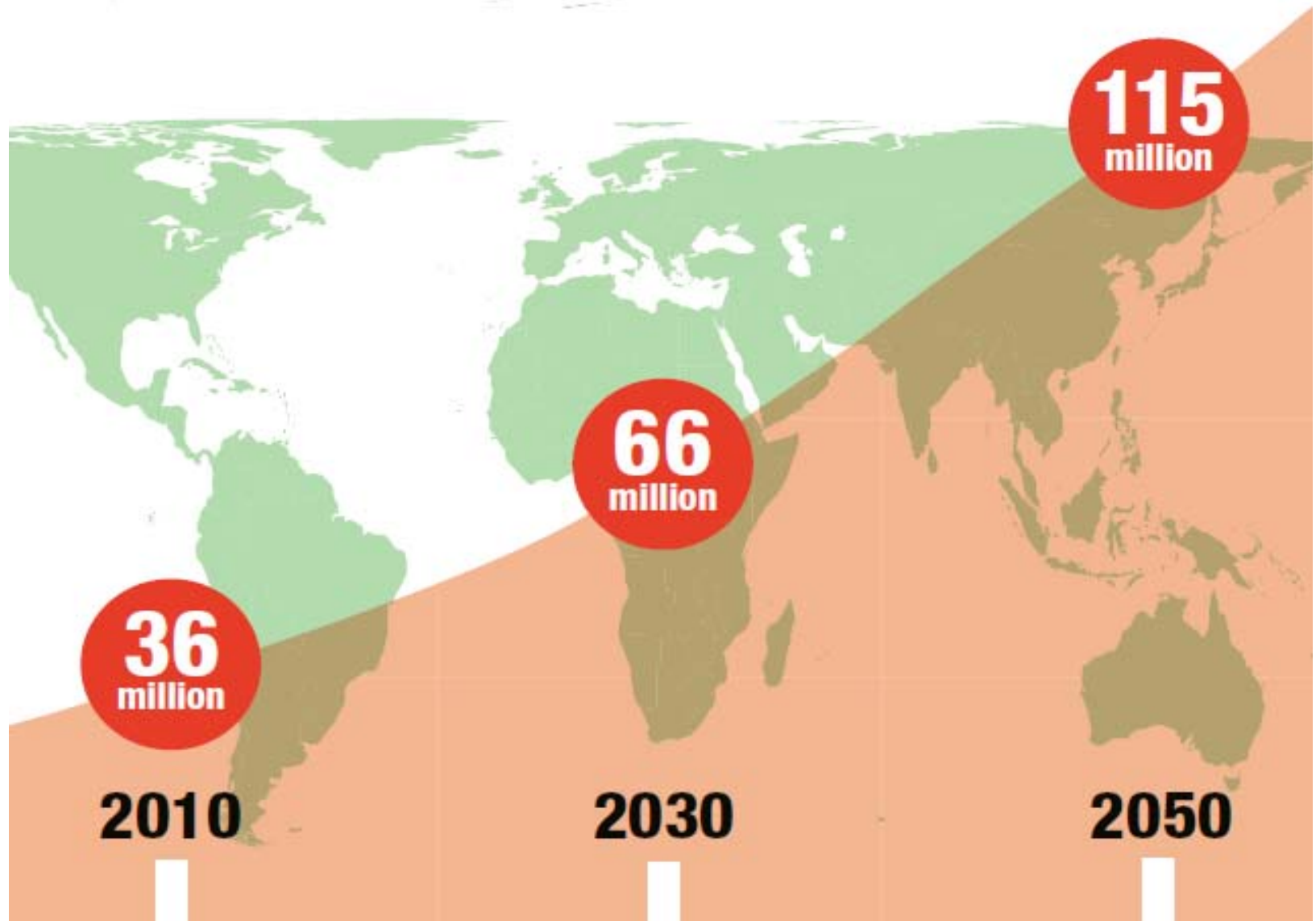
Alzheimer's Disease
International

World Alzheimer Report 2009

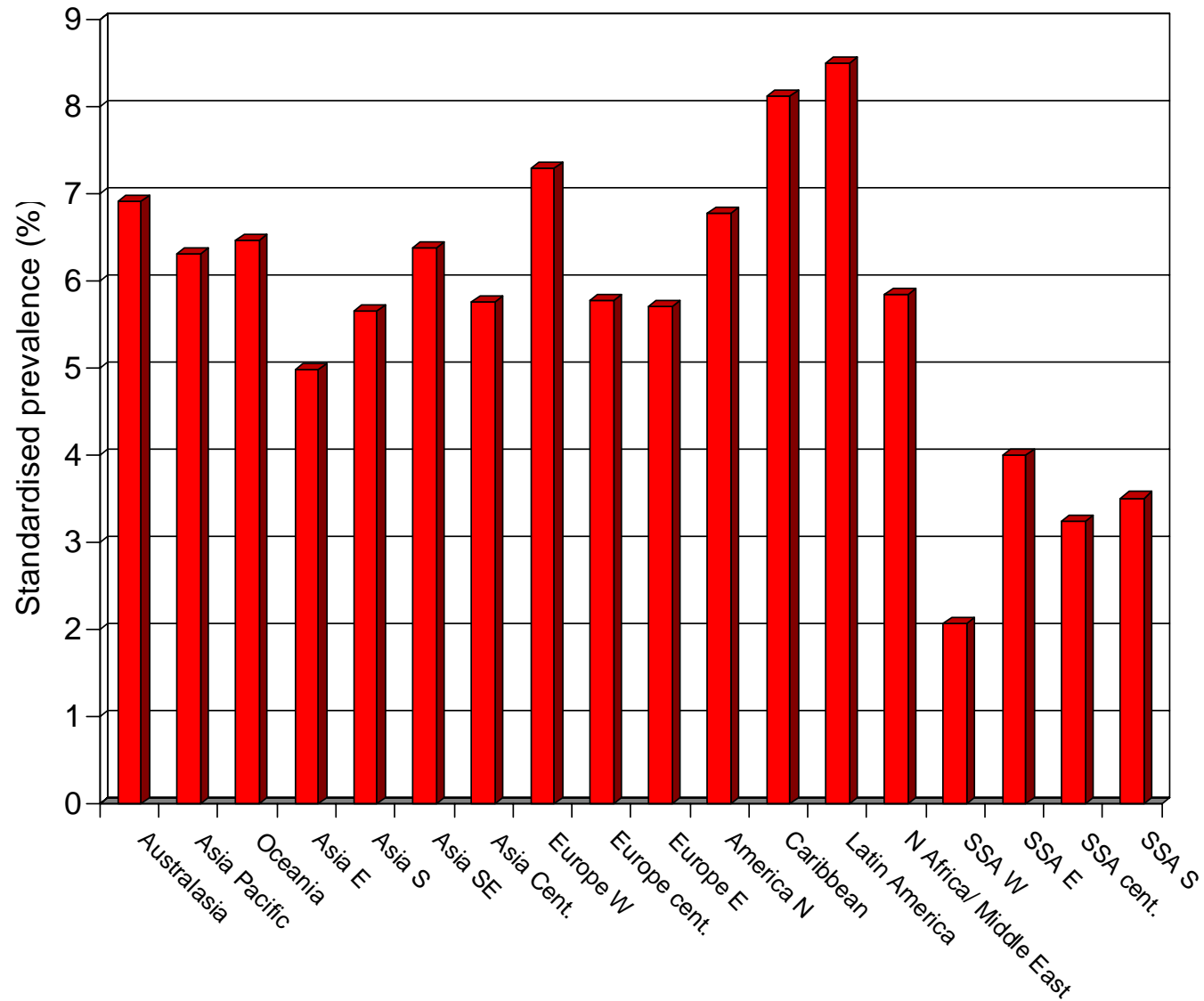


World Alzheimer Report 2009
www.alz.co.uk/worldreport

Dementia worldwide

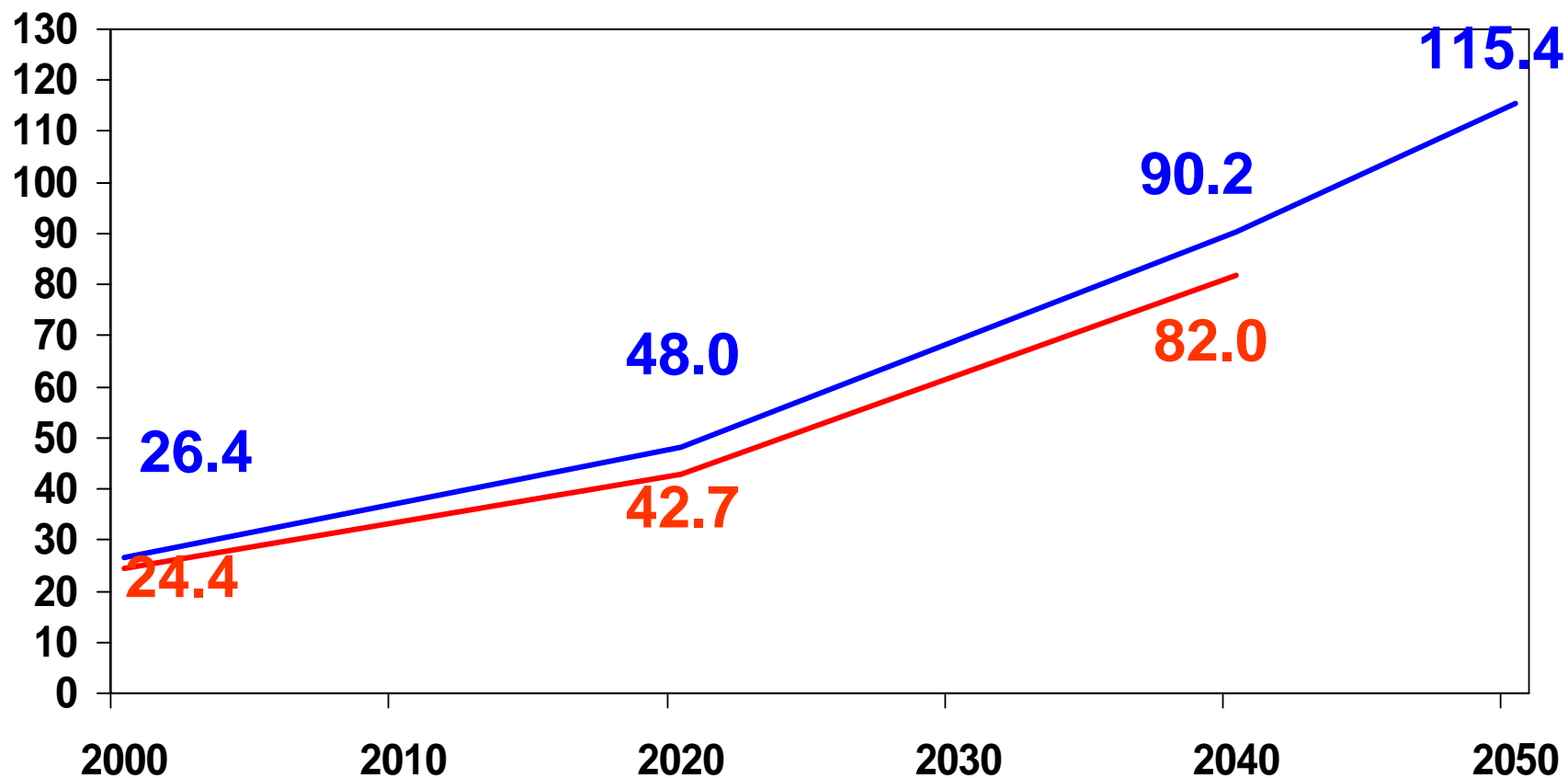


Prevalence of dementia, by region



New estimates, compared with ADI/ Lancet

millions



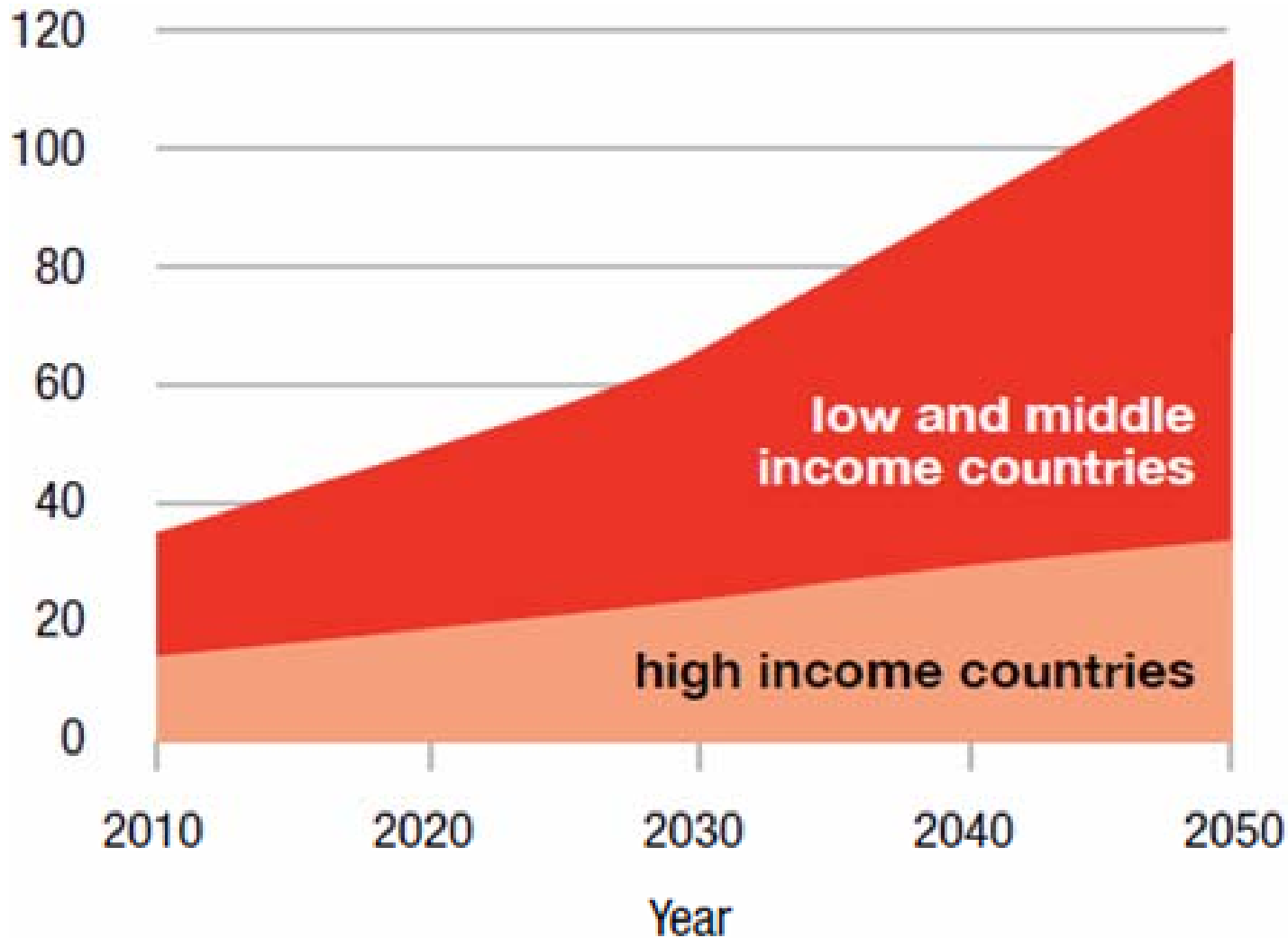
Why the change?

	New estimate	ADI/ Lancet
China	5.0%	6.6%
India	5.7%	3.4%
Europe	7.3%	5.9%
Latin America	8.5%	7.3%
USA	6.8%	6.5%

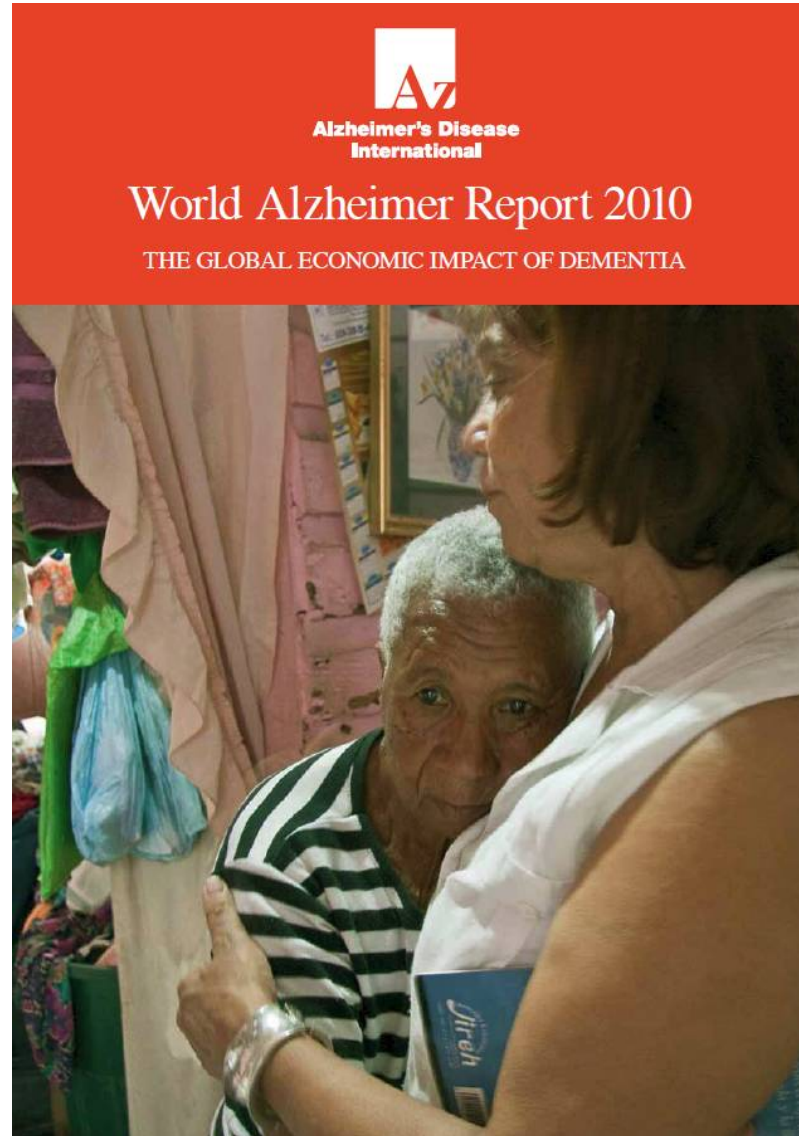




Numbers of people with dementia (millions)



World Alzheimer Report 2010



Key points 2010 Report



- **This landmark report provides the clearest, most comprehensive global picture of the economic impact of Alzheimer's Disease**
- **Alzheimer's is the most significant social and health crisis of the 21st Century**
- **Governments around the world are woefully unprepared to meet the health, societal and financial challenges of Alzheimer's**
- **If governments act urgently to develop research and care strategies, the impact of this disease can be managed**

Why a landmark?



- **Updated figures of number of persons with dementia worldwide**
- **More up to date cost of illness studies**
- **Cost of illness data from more countries**
- **The 10/66 group data from low income countries**
- **The ADI worldwide questionnaire about long term care**

Worldwide costs of dementia in 2010



	Number of people with dementia	Informal care (all ADLs)	Direct costs		Total costs	Percent of GDP
			Medical	Social		
Australasia	311,327	4.30	0.70	5.07	10.08	0.97%
Asia Pacific High Income	2,826,388	34.60	5.23	42.29	82.13	1.31%
Oceania	16,553	0.07	0.02	0.01	0.10	0.46%
Asia Central	330,125	0.43	0.28	0.24	0.94	0.36%
Asia East	5,494,387	15.24	4.33	2.84	22.41	0.40%
Asia South	4,475,324	2.31	1.16	0.57	4.04	0.25%
Asia Southeast	2,482,076	1.77	1.48	0.73	3.97	0.28%
Europe Western	6,975,540	87.05	30.19	92.88	210.12	1.29%
Europe Central	1,100,759	8.59	2.67	2.94	14.19	1.10%
Europe Eastern	1,869,242	7.96	3.42	2.94	14.33	0.90%
North America High Income	4,383,057	78.76	36.83	97.45	213.04	1.30%
Caribbean	327,825	1.50	0.78	0.71	2.98	1.06%
Latin America Andean	254,925	0.35	0.31	0.28	0.93	0.43%
Latin America Central	1,185,559	1.58	2.61	2.37	6.56	0.37%
Latin America Southern	614,523	2.36	1.42	1.29	5.07	1.02%
Latin America Tropical	1,054,560	2.17	2.67	2.42	7.26	0.42%
North Africa / Middle East	1,145,633	1.90	2.05	0.54	4.50	0.16%
Sub-Saharan Africa Central	67,775	0.04	0.02	0.01	0.07	0.06%
Sub-Saharan Africa East	360,602	0.28	0.08	0.04	0.40	0.17%
Sub-Saharan Africa Southern	100,733	0.52	0.11	0.06	0.69	0.24%
Sub-Saharan Africa West	181,803	0.11	0.04	0.02	0.18	0.06%
Total	35,558,717	251.89	96.41	255.69	603.99	1.01%

Worldwide costs of dementia in 2010



	Informal care (all ADL)	Direct costs		Total costs	Total costs
		Medical	Non-medical		
Australasia	13812	2262	16296	32370	
Asia Pacific High Income	12243	1852	14963	29057	
Oceania	4526	1026	508	6059	
Asia Central	1295	845	723	2862	
Asia East	2774	788	517	4078	
Asia South	515	259	128	903	
Asia Southeast	711	595	295	1601	
Europe Western	12479	4328	13315	30122	
Europe Central	7801	2423	2667	12891	
Europe Eastern	4261	1832	1573	7667	
North America High Income	17968	8403	22233	48605	
Caribbean	4570	2371	2151	9092	
Latin America Andean	1375	1200	1089	3663	
Latin America Central	1335	2202	1999	5536	
Latin America Southern	3838	2309	2095	8243	
Latin America Tropical	2057	2529	2295	6881	
North Africa / Middle East	1660	1794	472	3926	
Sub-Saharan Africa Central	648	289	143	1081	
Sub-Saharan Africa East	787	224	111	1122	
Sub-Saharan Africa Southern	5149	1127	558	6834	
Sub-Saharan Africa West	609	241	119	969	
All	7084	2711	7191	16986	

Worldwide costs of dementia in 2010



	Number of people with dementia	Informal care (all ADL)	Direct costs		Total costs	Percent of GDP
			Medical	Non-medical		
Low income	5036979	2.52	1.23	0.62	4.37	0.24%
Lower middle income	9395204	18.90	6.74	3.57	29.21	0.35%
Upper middle income	4759025	13.70	10.44	8.35	32.49	0.50%
High income	16367508	216.77	78.00	243.14	537.91	1.24%
All	35558717	251.89	96.41	255.69	603.99	1.01%

	Prevalence	Informal care (all ADL)	Direct costs		Total costs
			Medical	Social	
Low income	14.2%	1.0%	1.3%	0.2%	0.7%
Lower middle income	26.4%	7.5%	7.0%	1.4%	4.8%
Upper middle income	13.4%	5.4%	10.8%	3.3%	5.4%
High income	46.0%	86.1%	80.9%	95.1%	89.1%
All	100%	100%	100%	100%	100%

Worldwide costs of dementia in 2010



	Informal care (all ADL)	Direct costs		Total costs
		Medical	Social	
Low income	57.6%	28.2%	14.3%	100%
Lower middle income	64.7%	23.1%	12.2%	100%
Upper middle income	42.2%	32.1%	25.7%	100%
High income	40.3%	14.5%	45.2%	100%
All	41.7%	16.0%	42.3%	100%

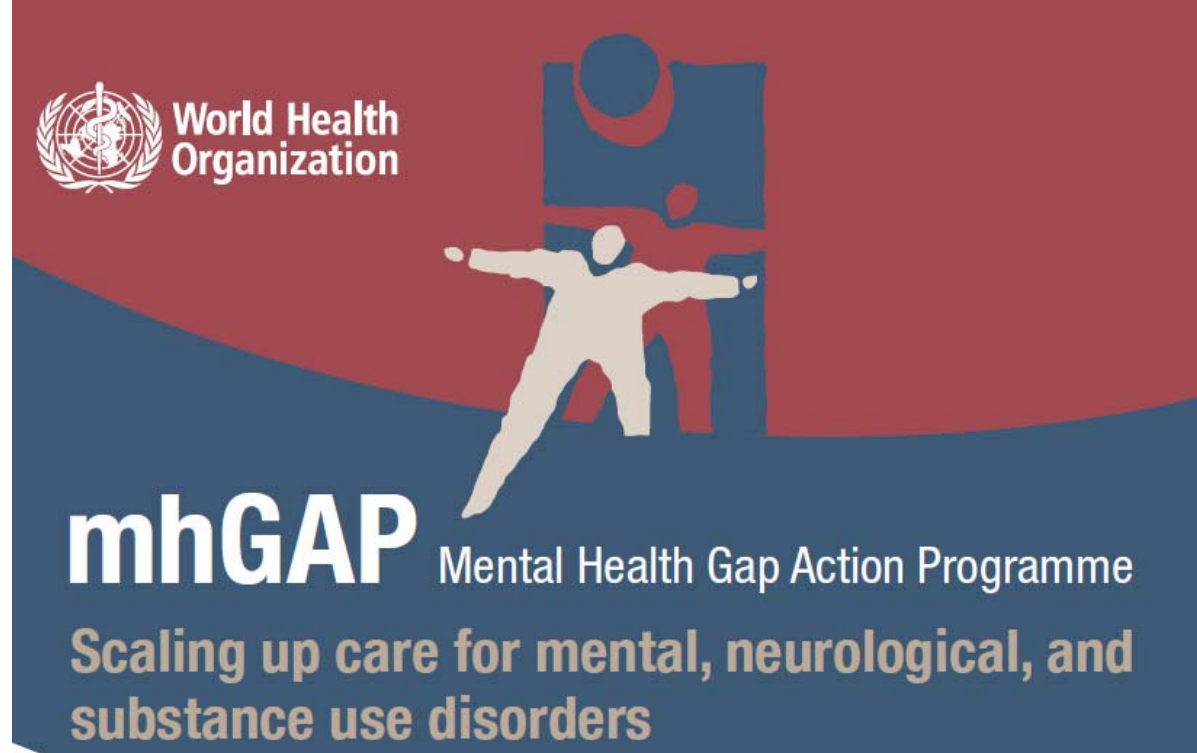
	Informal care (all ADL)	Direct costs		Total costs	Care costs	
		Medical	Social			
Low income	500	244	124	868		
Lower middle income	2,012	717	380	3,109		
Upper middle income	2,879	2,194	1,755	6,827		
High income	13,244	4,766	14,855	32,865		
All	7,084	2,711	7,191	16,986		

Our aim towards WHO



- **ADI campaigns for dementia to be put on the agenda of the World Health Organization and other international bodies**
- **Visiting regional meetings and World Health Assembly for two years**
- **Statements & networking**
- **First result: mh GAP**
- **Possible future WHO report**
- **2012 World Health Day on Ageing**

- Increasing the coverage of evidence-based community interventions in low and middle income countries



- Seven priority areas – depression, psychosis, epilepsy, dementia, child and adolescent disorders, alcohol use, suicide
- Development of evidence-based practice guidelines for non-specialists in LAMIC
- Implementation
- Evaluation



**26th International Conference of
Alzheimer's Disease International
26-29 March 2011**

Sheraton Centre Toronto Hotel,

TORONTO, CANADA



www.adi2011.org

SAVE THE DATE IN YOUR CALENDAR NOW! 26-29 March 2011