

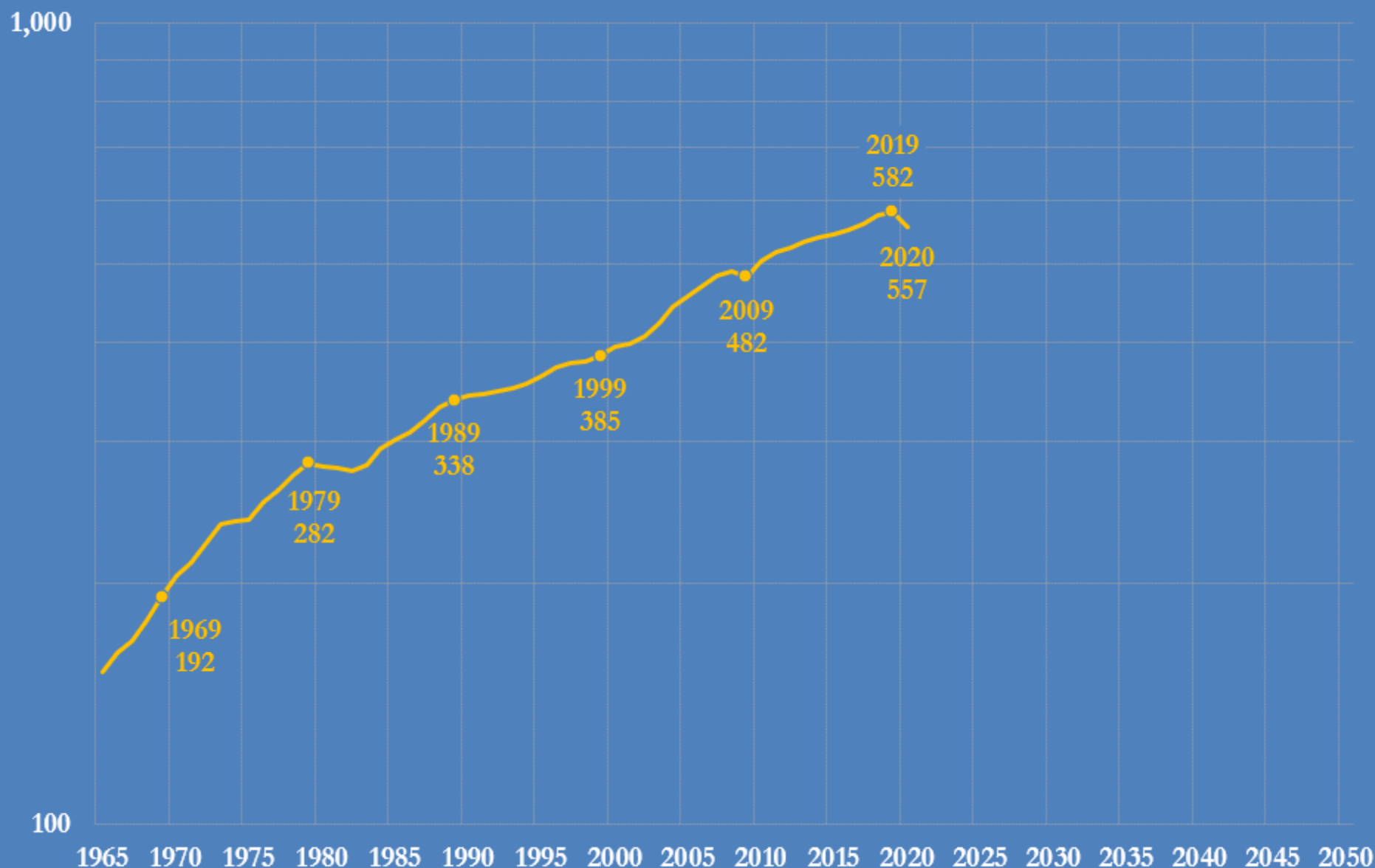
# Global energy consumption and access

## Selected indicators

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REUTERS

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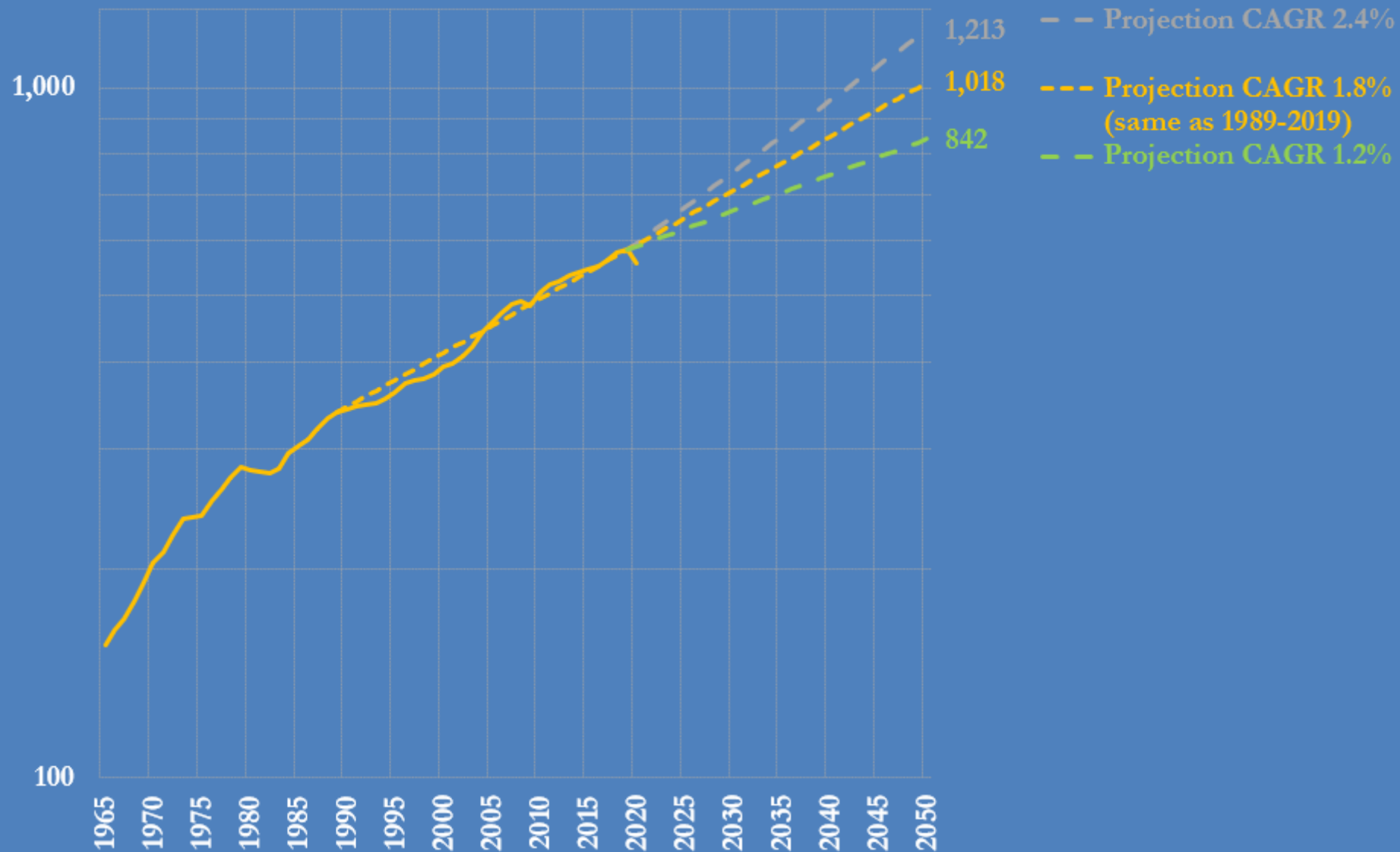
# Global primary energy consumption, 1965-2050 exajoules, log-linear scale



Source: BP Statistical Review or World Energy, author calculations

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# Global primary energy consumption, 1965-2050 exajoules, log-linear scale, actual to 2020 and projections to 2050



Source: BP Statistical Review or World Energy, author calculations

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## Global primary energy consumption, 1969-2019

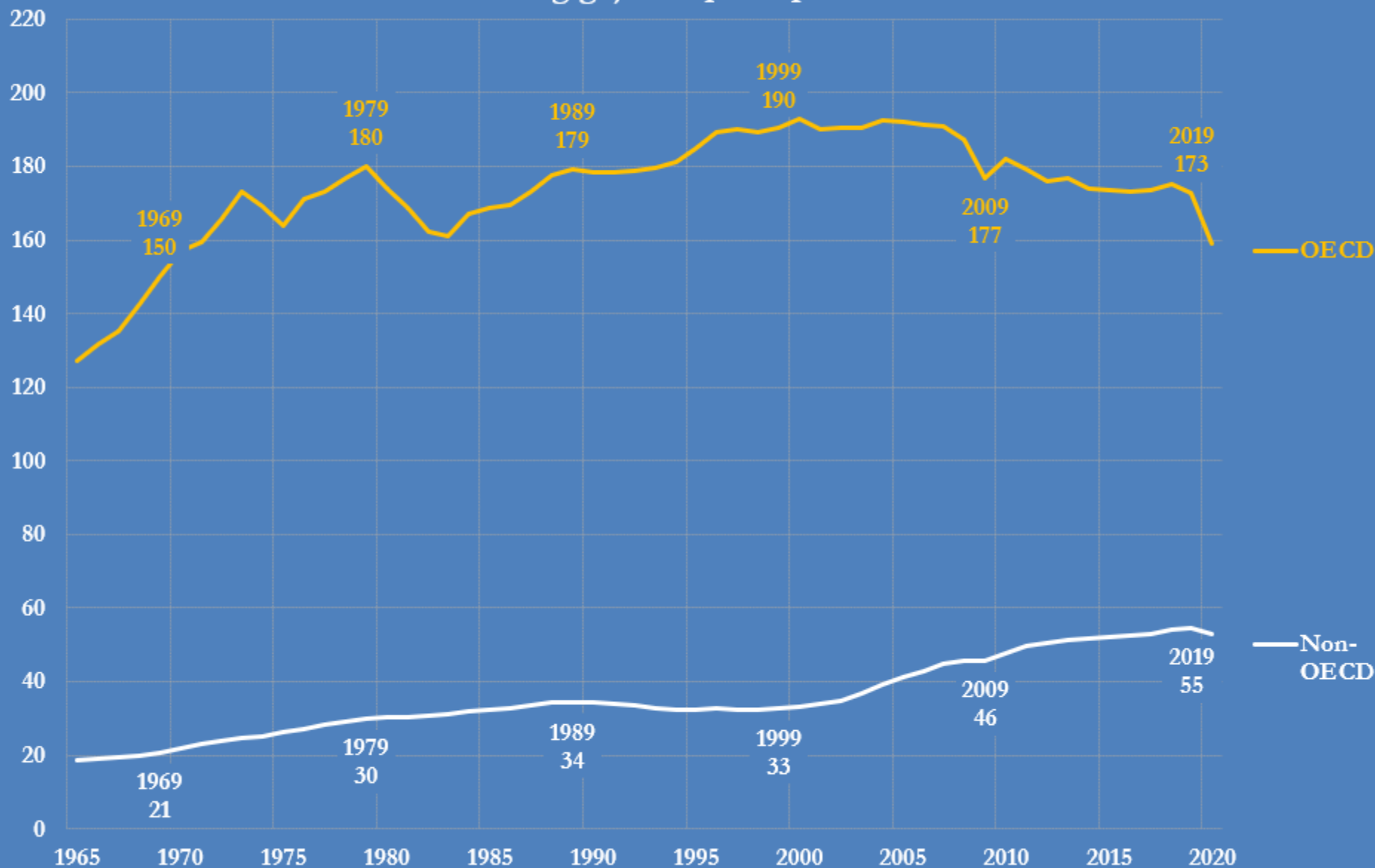
Compound annual growth rates for periods shown, percent per year

	1969-1979	1979-1989	1989-1999	1999-2009	2009-2019	1989-2019
North America	2.4	0.7	1.5	-0.1	0.6	0.7
Central and South America	6.0	2.8	3.6	2.2	1.3	2.4
Europe	3.2	1.9	-0.3	-0.1	-0.2	-0.2
CIS	4.6	-0.2	-3.8	0.8	1.4	-0.6
Middle East	8.4	6.6	4.6	5.4	3.1	4.4
Africa	7.1	4.8	2.1	3.3	2.5	2.6
Asia Pacific	6.5	4.1	4.0	5.5	3.3	4.3
OECD	2.9	0.8	1.4	0.0	0.4	0.6
Non-OECD	6.1	3.4	1.1	4.9	3.1	3.0
<b>Total World</b>	<b>3.9</b>	<b>1.8</b>	<b>1.3</b>	<b>2.3</b>	<b>1.9</b>	<b>1.8</b>

Source: BP Statistical Review of World Energy  
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# Global primary energy consumption, 1965-2020

gigajoules per capita

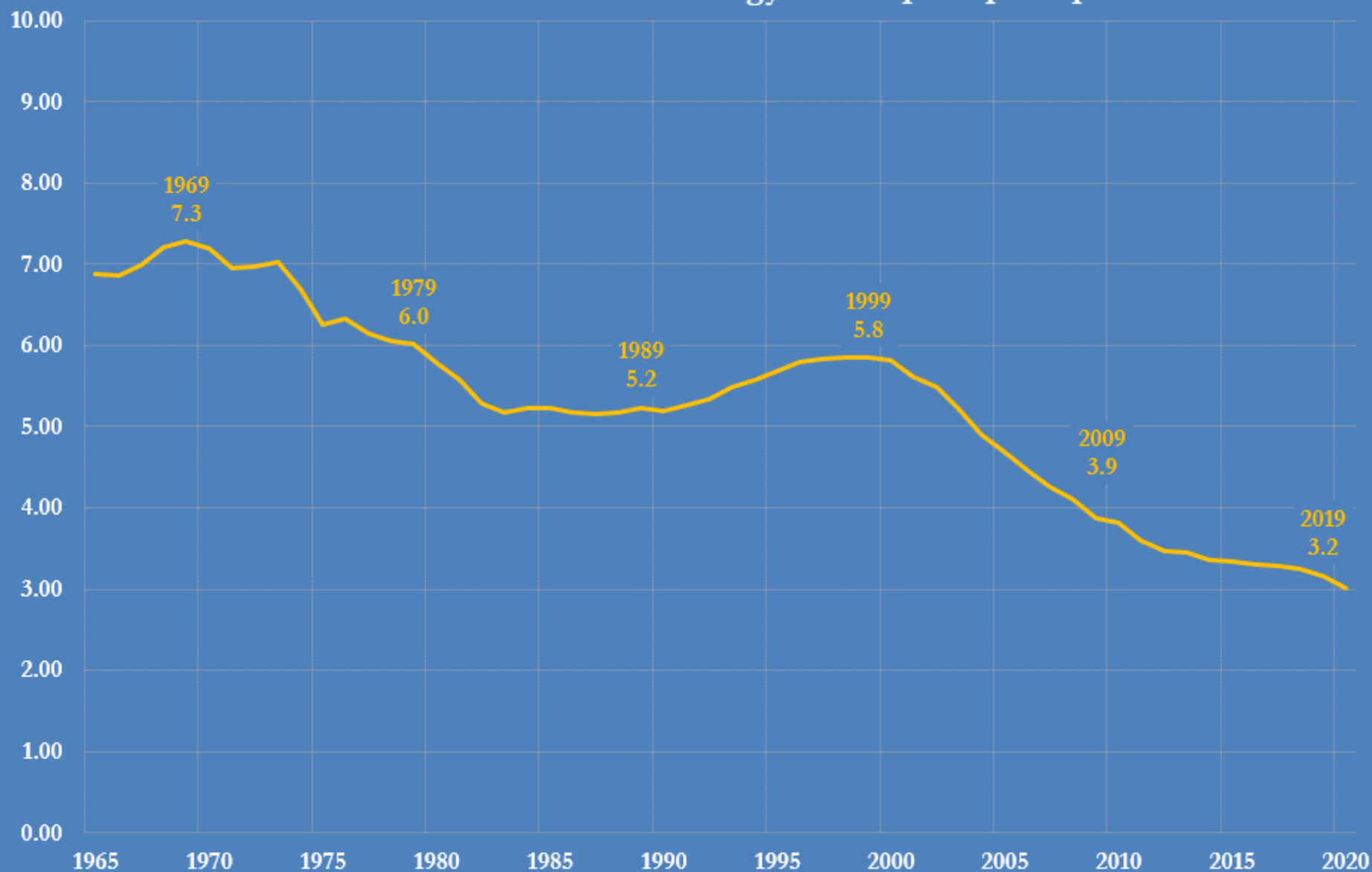


Source: BP Statistical Review of World Energy

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# Global primary energy consumption, 1965-2020

## ratio of OECD to non-OECD energy consumption per capita



# Global energy access, 2019

percent of population with access to modern clean energy

Year	Primary Reliance on Clean Fuels for Cooking	Access to Electricity- All Areas	Access to Electricity - Rural	Access to Electricity - Urban
2000	50	75	61	90
2001	50	75	61	90
2002	51	77	64	91
2003	51	77	64	91
2004	52	77	64	91
2005	53	78	65	92
2006	53	79	66	92
2007	54	80	68	93
2008	55	81	68	93
2009	56	82	69	94
2010	57	83	70	96
2011	57	82	67	96
2012	58	85	72	96
2013	59	85	72	96
2014	60	86	73	96
2015	61	87	75	96
2016	62	88	77	97
2017	64	89	78	97
2018	65	89	80	97
2019	66	90	81	97

Sources: United Nations, World Bank, World Health Organization  
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