

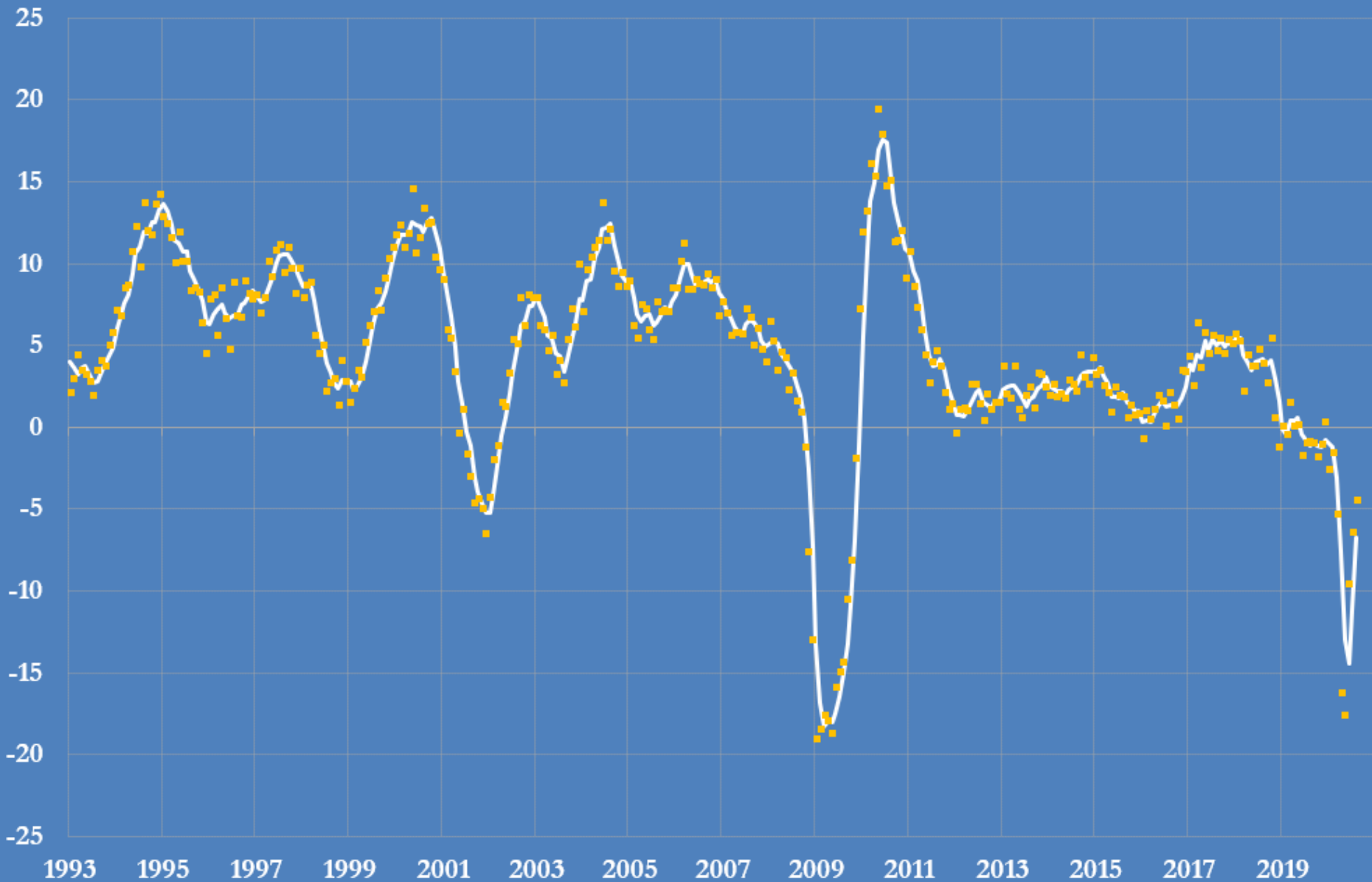
Global aviation and jet fuel consumption

Selected indicators

JOHN KEMP
REUTERS
5 Nov 2020

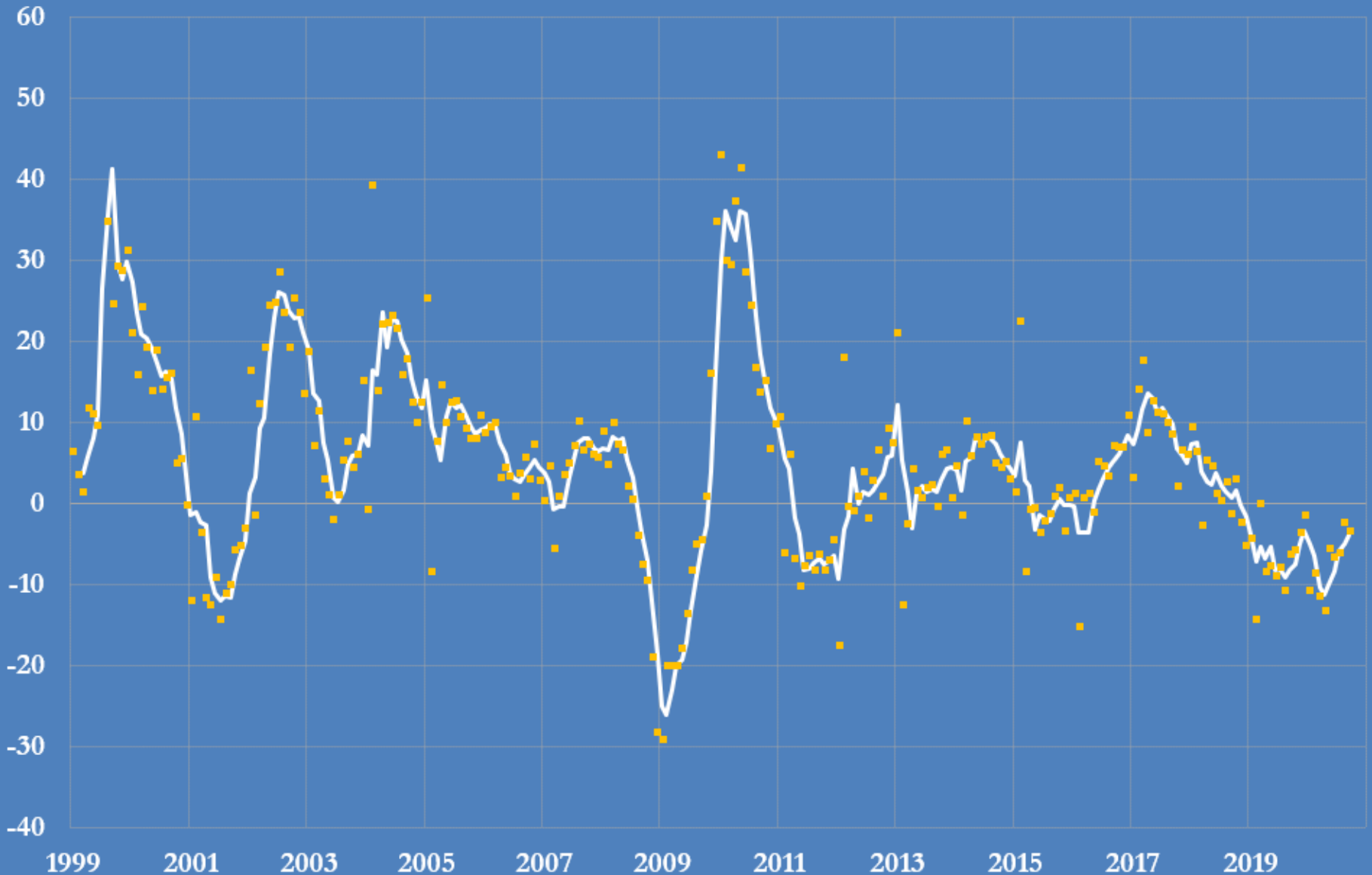
Volume of World Trade, 1993-2020

Percent change from prior year, monthly and three-month average



Hong Kong air freight volume, 1999-2020

Percent change compared with prior year, monthly and 3-month average

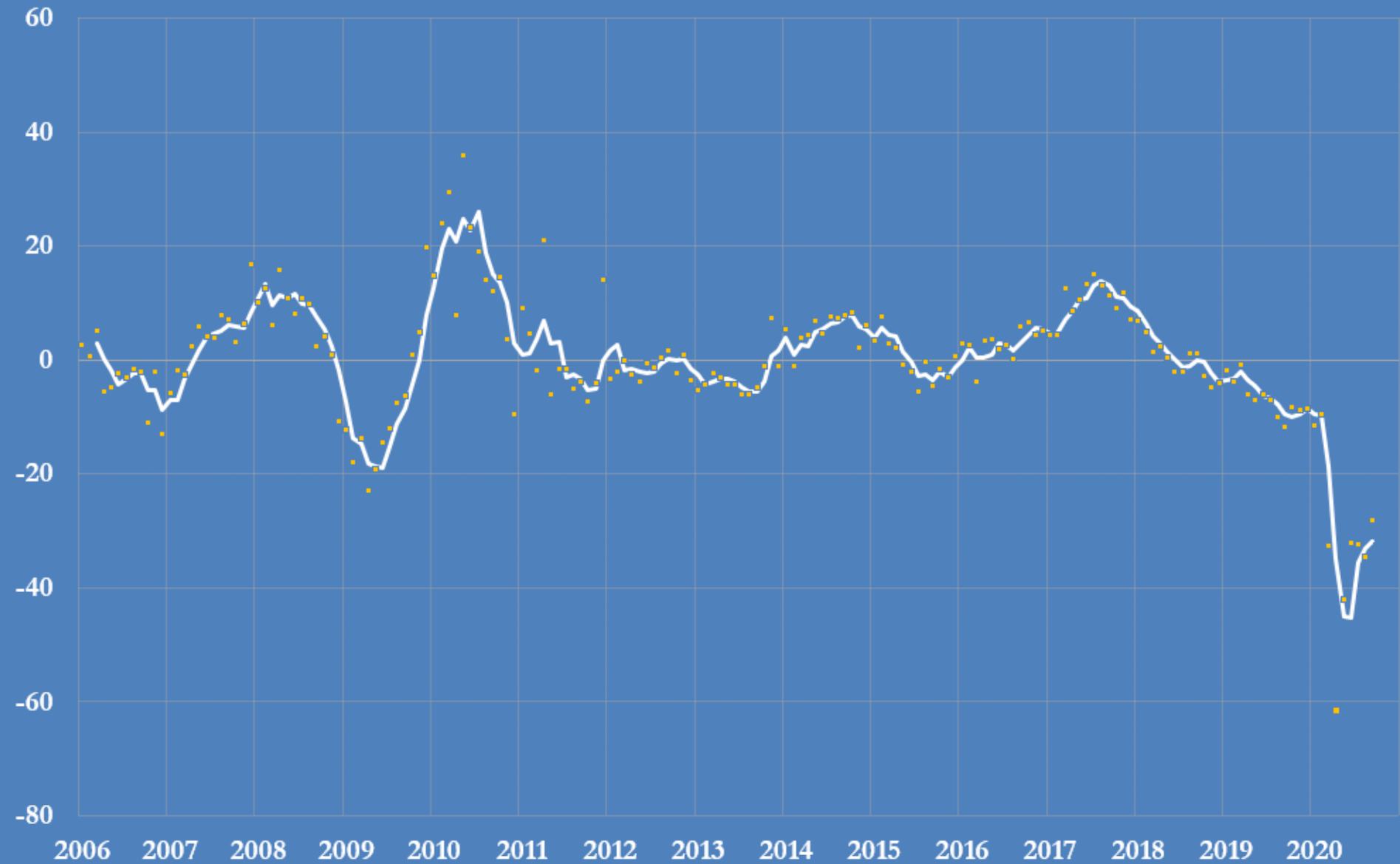


Source: Civil Aviation Department of Hong Kong Special Administrative Region

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London Heathrow air freight volume, 2006-2020

percent change compared with prior year, monthly and 3-month average



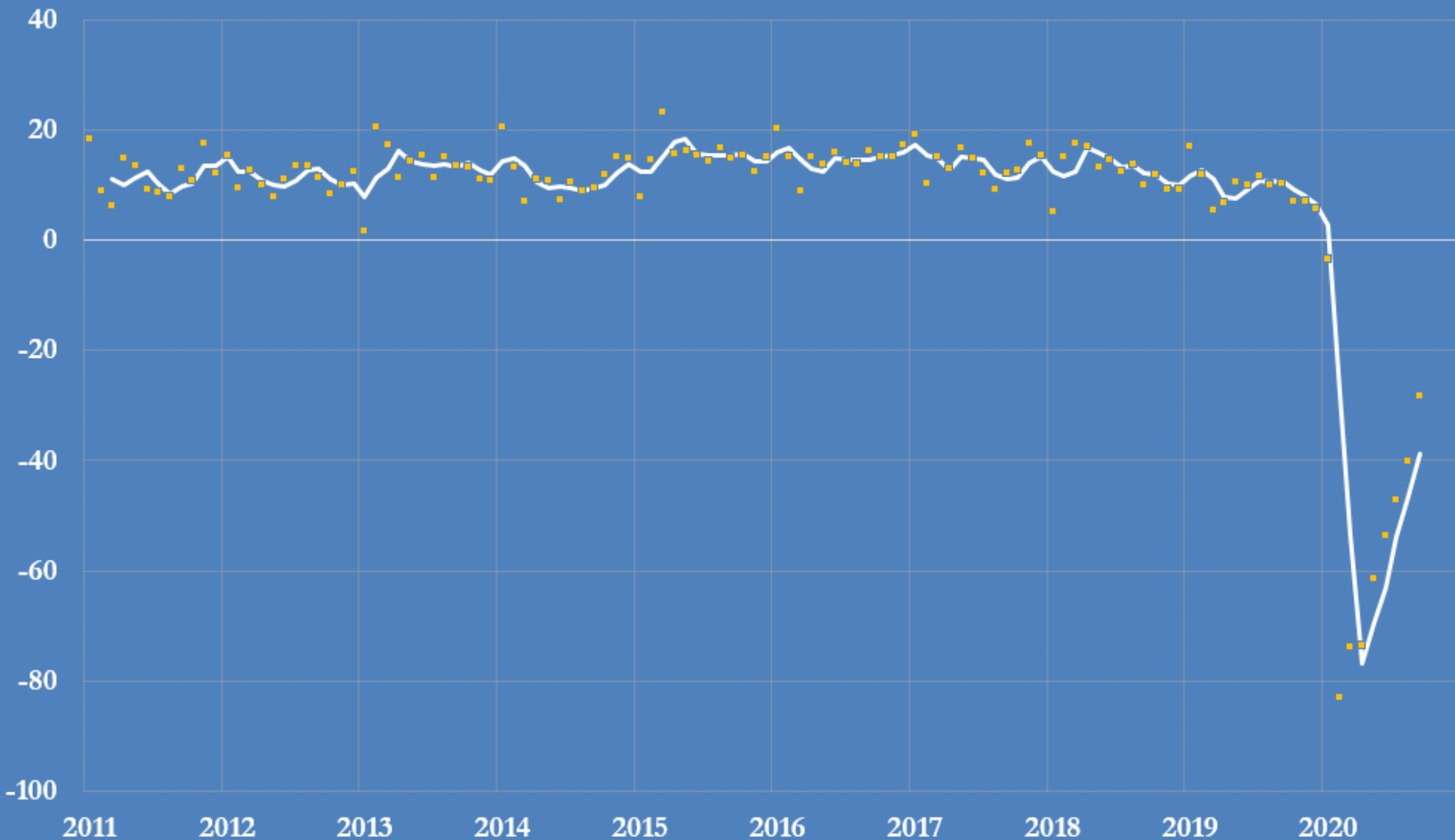
Source: Heathrow Airport Limited

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China passenger aviation, 2011-2020

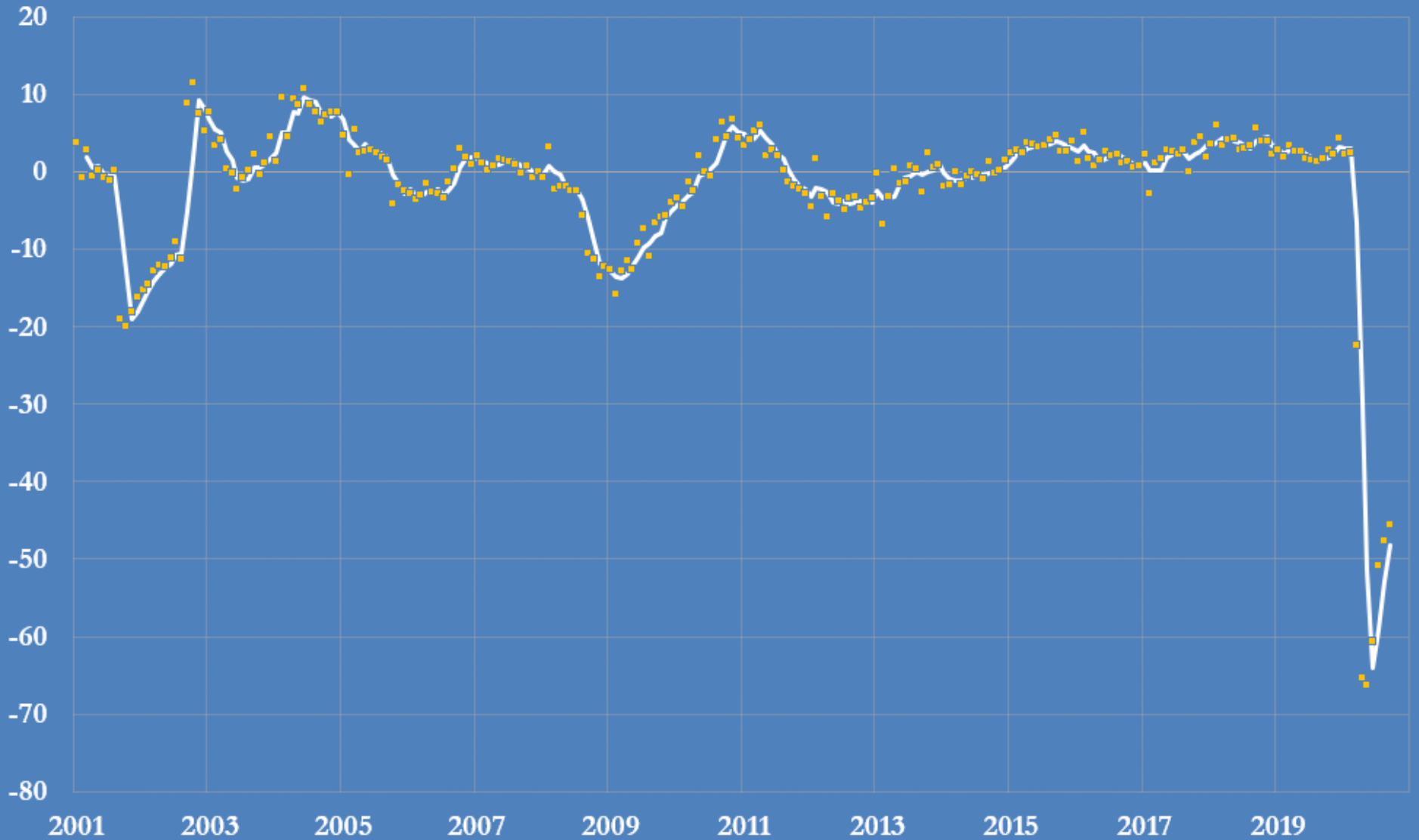
passenger-kilometres

percent change from prior year, monthly and three-month average



U.S. airlines' fuel consumption, all routes, 2001-2020

percent change from prior year, monthly and three-month average

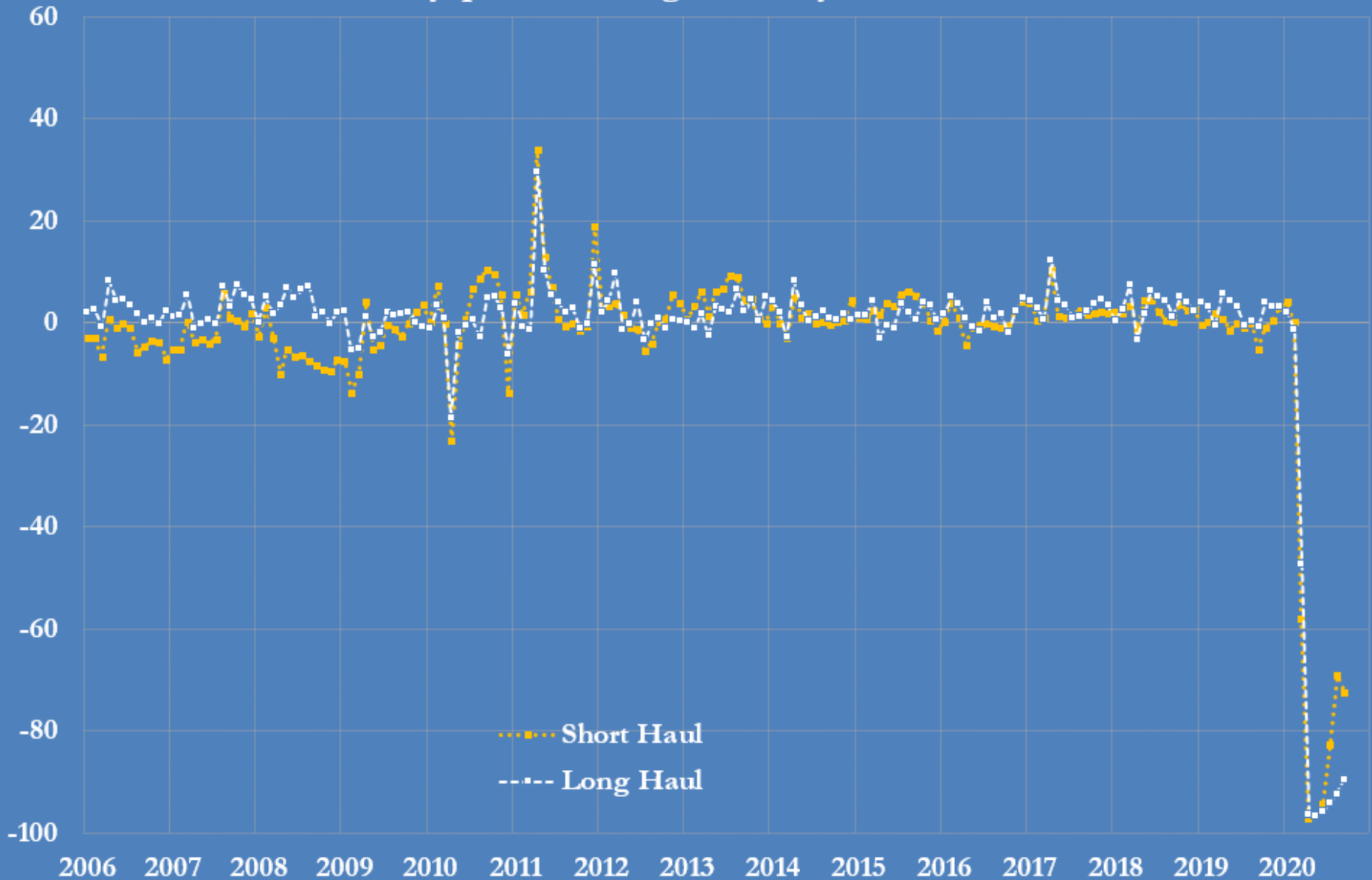


Source: U.S. Bureau of Transportation Statistics

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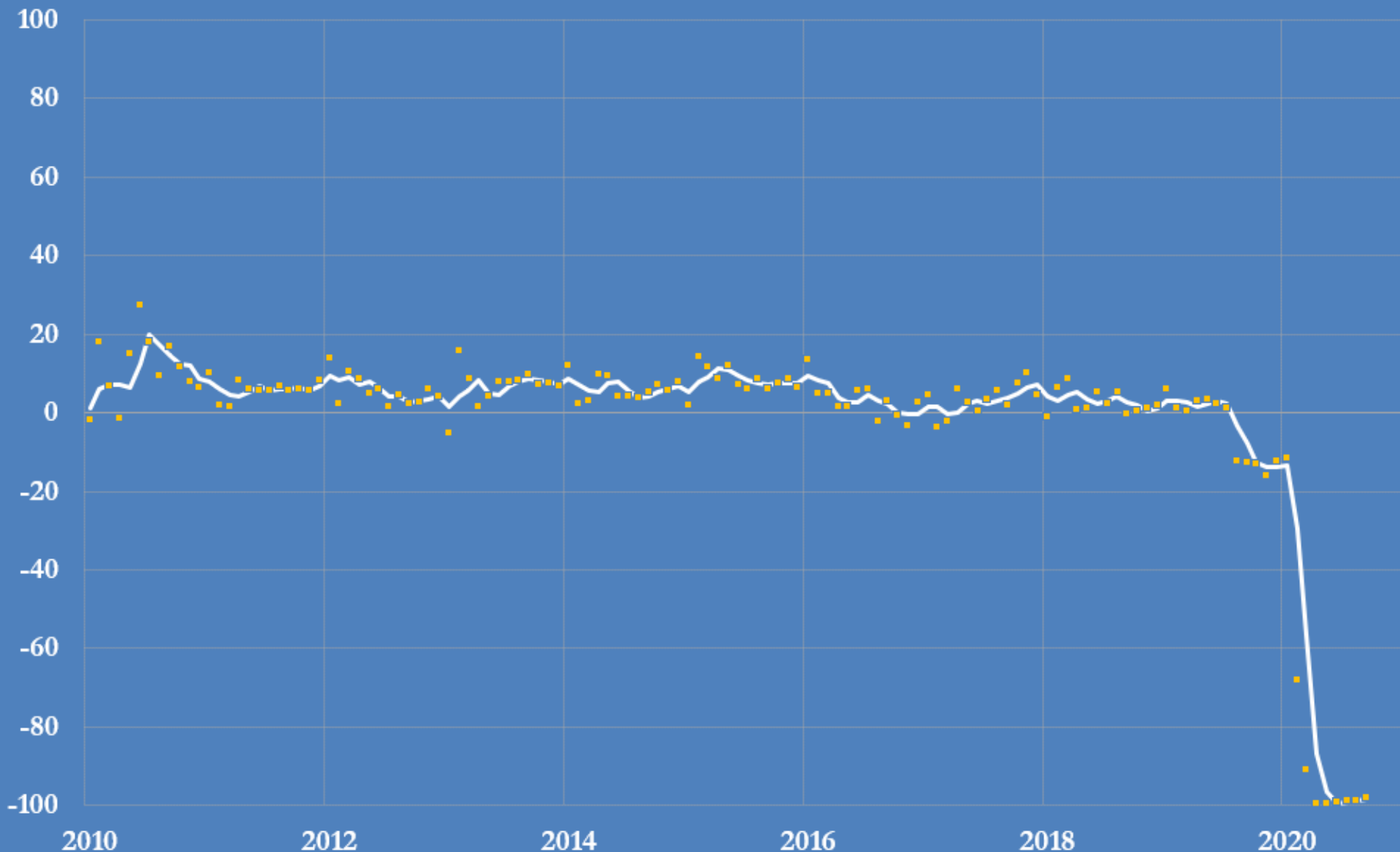
London Heathrow air passengers, 2006-2020

monthly, percent change from a year earlier



Hong Kong air passengers (arrivals and departures) 2010-2020

Percent change compared with prior year, monthly and 3-month average
(includes transfers but excludes passengers in transit)



Source: Civil Aviation Department of Hong Kong Special Administrative Region

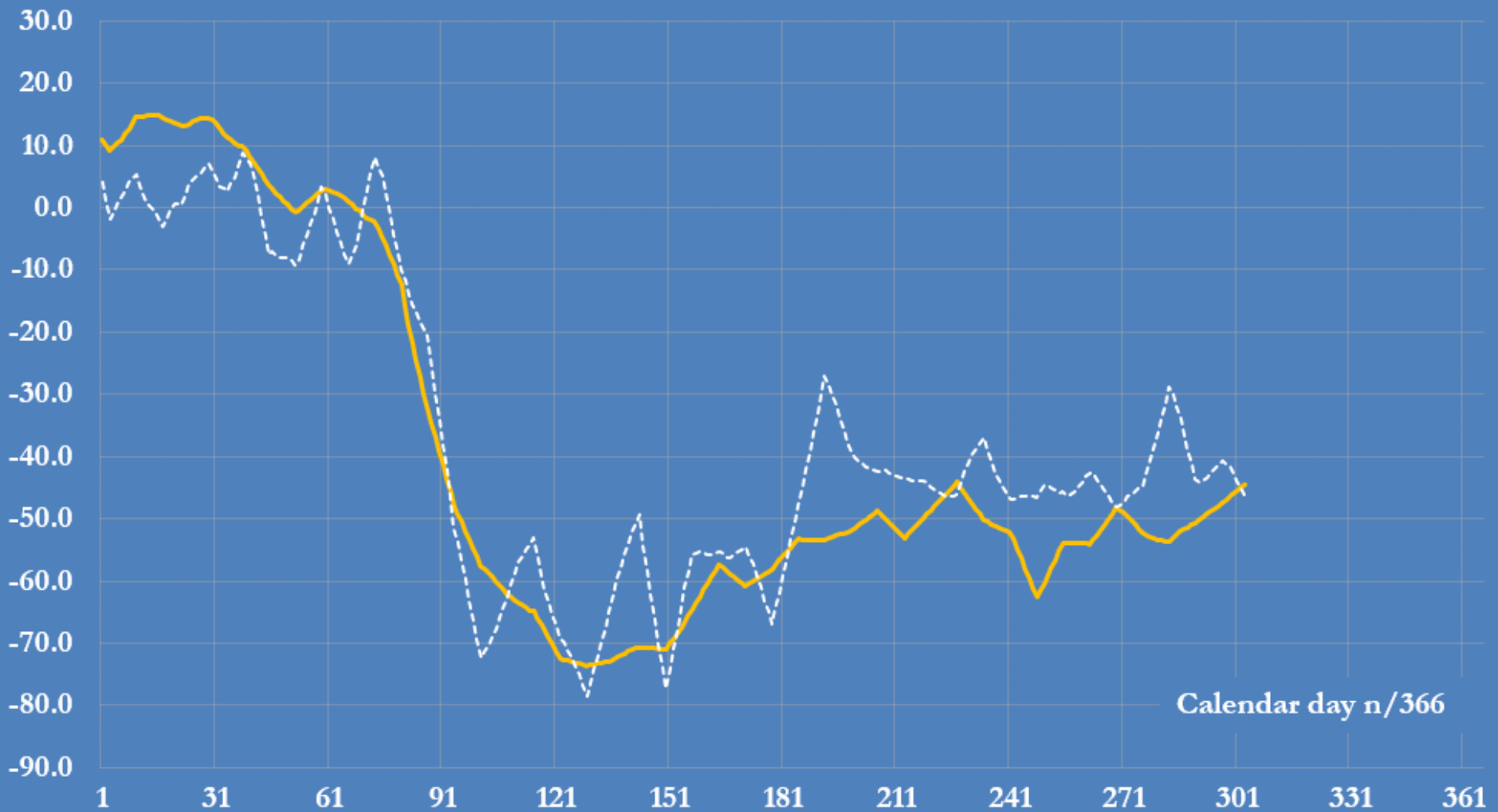
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Passenger aviation fuel consumption, 2018

	CO ₂ million tonnes/yr	Jet fuel million tonnes/yr	Jet fuel million b/d
Intra-Asia/Pacific	186.0	59	1.25
Intra-North America	136.0	43	0.92
Intra-Europe	103.0	33	0.69
Europe↔North America	50.0	16	0.34
Asia Pacific↔Europe	43.4	14	0.29
Asia Pacific↔North America	38.7	12	0.26
Asia Pacific↔Middle East	33.5	11	0.23
Intra-Latin America/Caribbean	29.1	9	0.20
Europe↔Middle East	25.1	8	0.17
Latin America/Caribbean↔North America	23.4	7	0.16
Europe↔Latin America/Caribbean	21.1	7	0.14
Africa↔Europe	16.5	5	0.11
Intra-Middle East	9.2	3	0.06
Middle East↔North America	8.8	3	0.06
Intra-Africa	8.6	3	0.06
Africa↔Middle East	7.8	2	0.05
Africa↔Asia/Pacific	2.7	1	0.02
Africa↔North America	1.0	0	0.01
Asia/Pacific↔Latin America/Caribbean	0.9	0	0.01
Latin America/Caribbean↔Middle East	0.8	0	0.01
Africa↔Latin America/Caribbean	0.5	0	0.00
Total world	746.1	236	5.03

Source: CO₂ Emissions from Commercial Aviation, 2018 (International Council on Clean Transportation, 2019)

U.S. jet fuel production and jet fuel supplied 2020 volume as percent of prior five-year average



— Jet production
- - - - Jet supplied

Source: U.S. Energy Information Administration
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