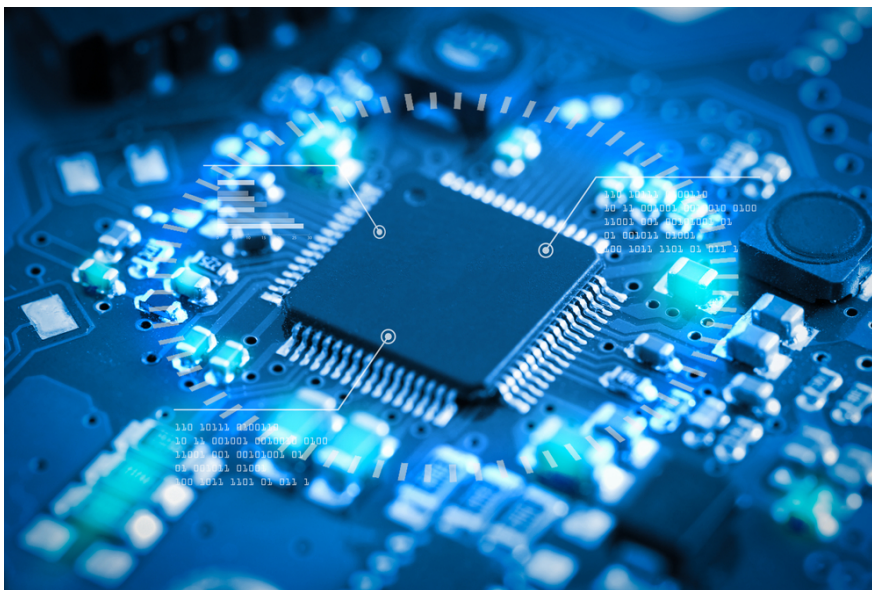


Singapore production still falling

What was supposed to be just a small decline turned into a 7.5% fall from the previous month, throwing our stabilization theory into doubt. Electronics continues to do most of the damage.



Source: Shutterstock

-7.5% MoM Aug Production
-8.0%YoY

Worse than expected

A bad figure, but narrowly based

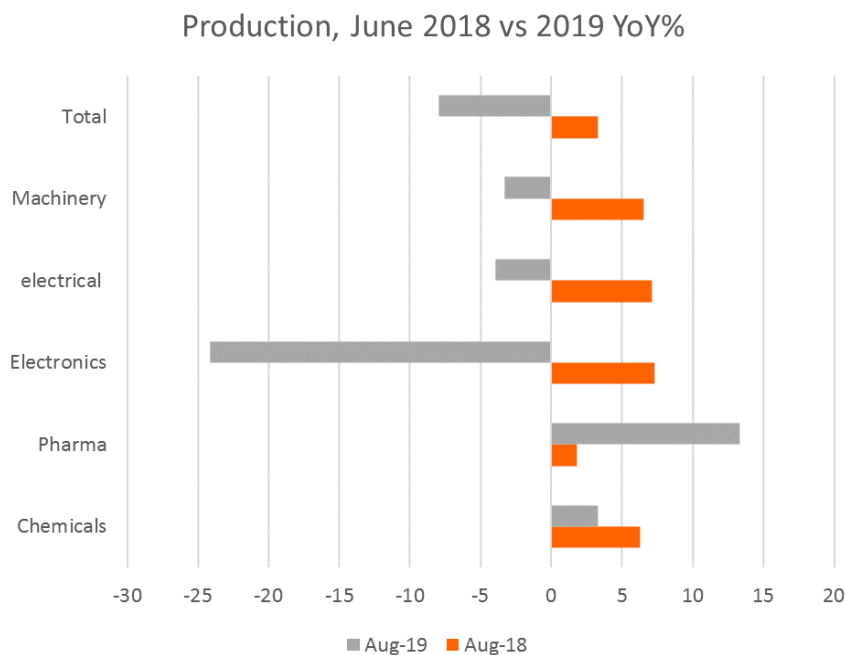
After several months of roughly stable production which had begun to drag trend rates of growth back into positive territory, the 7.5% seasonally adjusted monthly decline in the August production figures come as a blow to our hopes that the worst of the global tech slump has passed.

Please note that we are not blaming the trade war for this weakness. If that were the case, we might expect to see declines in all production sectors - we don't. The weakness is, as was the case earlier this year, highly concentrated in the electronics sector, and within this, semiconductors,

which fell by 29.6%YoY. In July, semiconductor production had recovered to +1.4%YoY.

If we are to blame the trade war for any of this, it may be that the latest round of US tariffs on Chinese consumer electronics goods had messed with seasonality in semiconductor production as producers try to run ahead of tariffs on these goods. If this was the case, then we might expect some sort of return to trend, albeit at a lower level in the months ahead. But this is just speculation at this point and does not tally with what we are seeing in the export sector, which has also been a little more positive.

Where the weakness lies



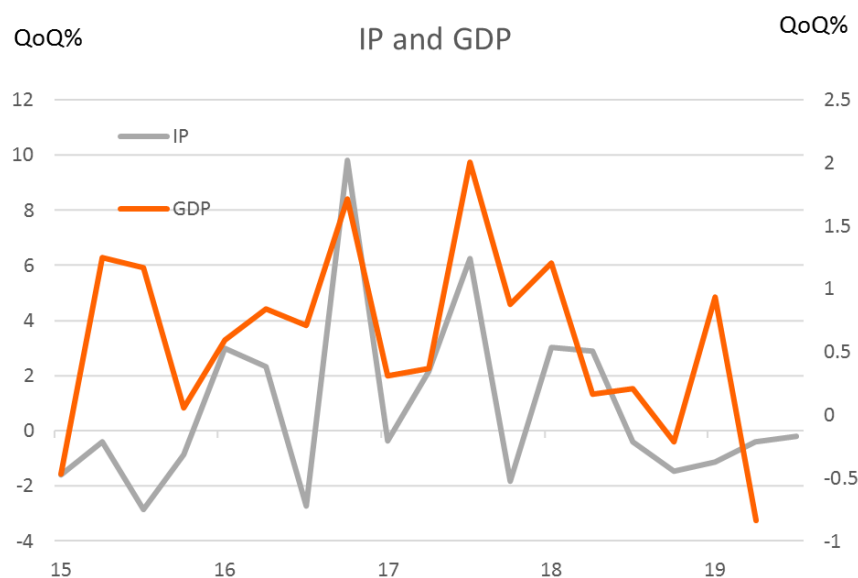
GDP probably in technical recession

Adding in the latest production figures and a rough guess for September, we can come up with an estimate for industrial production growth for the quarter as a whole. And even with a September bounce, this now looks as if it will be another negative quarter. The overlay of industrial production with GDP is not exact, but it is sufficiently close that a second consecutive negative quarter of GDP is also now looking likely.

That would suggest that GDP is in a technical recession. But even if the data recovers enough to avoid this, the bigger picture is that Singapore activity is still very weak. Narrowly avoiding a recession would be an arbitrary achievement and not one to celebrate.

For 2019, full-year GDP will probably now register only 0.3% growth, even with a bounce in 4Q19 and a negative total is not impossible. We had been looking for growth of 0.7%.

Industrial production and GDP (QoQ%)



MAS needs to ease

The Monetary Authority of Singapore (MAS), which is due to reset the SGD nominal effective exchange rate path and band in October, is, in our opinion, bound to ease from the moderate appreciation it currently has in place. Given how long this policy has been in place while the economy has languished, there is an argument for any policy adjustment to err on the aggressive side. It will be another six months before the MAS is due to make a further adjustment, so underdoing it now will only condemn the economy to a longer period of inappropriately tight policy and slow growth.

There is also a growing argument for some fiscal stimulus. Singapore's financial strength is unparalleled, so the real question is where to aim any stimulus. Given the uncertainty surrounding the global environment and business investment, a more effective stimulus than accelerated depreciation or payrolls tax cuts might be through household tax rebates or cuts in public service charges. But either way, some small temporary stimulus can't do any harm and could help to alleviate some of the strain on the economy whilst conditions remain unfavourable.

Author

Olivia Grace

Editor

olivia.grace@ing.com

Julian Geib

Junior Economist, Global Trade

julian.geib@ing.de

Zoltán Homolya

Economic research trainee

zoltan.homolya@ing.com

Amrita Naik Nimbalkar

Economist, Global Macro

amrita.naik.nimbalkar@ing.com

Mateusz Sutowicz

Senior Economist, Poland

mateusz.sutowicz@ing.pl

Alissa Lefebre

Economist

alissa.lefebvre@ing.com

Deepali Bhargava

Regional Head of Research, Asia-Pacific

Deepali.Bhargava@ing.com

Ruben Dewitte

Economist

+32495364780

ruben.dewitte@ing.com

Kinga Havasi

Economic research trainee

kinga.havasi@ing.com

Marten van Garderen

Consumer Economist, Netherlands

marten.van.garderen@ing.com

David Havrlant

Chief Economist, Czech Republic

420 770 321 486

david.havrlant@ing.com

Sander Burgers

Senior Economist, Dutch Housing

sander.burgers@ing.com

Lynn Song

Chief Economist, Greater China

lynn.song@ing.com

Michiel Tukker

Senior UK & Eurozone Rates Strategist

michiel.tukker@ing.com

Michal Rubaszek

Senior Economist, Poland

michal.rubaszek@ing.pl

This is a test author

Stefan Posea

Economist, Romania

tiberiu-stefan.posea@ing.com

Marine Leleux

Sector Strategist, Financials

marine.leleux2@ing.com

Jesse Norcross

Senior Sector Strategist, Real Estate

jesse.norcross@ing.com

Teise Stellema

Research Assistant, Energy Transition

teise.stellema@ing.com

Diederik Stadig

Senior Economist, Healthcare & Technology

diederik.stadig@ing.com

Diogo Gouveia

Sector Economist

diogo.duarte.vieira.de.gouveia@ing.com

Marine Leleux

Sector Strategist, Financials

marine.leleux2@ing.com

Ewa Manthey

Commodities Strategist

ewa.manthey@ing.com

ING Analysts

James Wilson

EM Sovereign Strategist

James.wilson@ing.com

Sophie Smith

Digital Editor

sophie.smith@ing.com

Frantisek Taborsky

EMEA FX & FI Strategist

frantisek.taborsky@ing.com

Adam Antoniak

Senior Economist, Poland

adam.antoniak@ing.pl

Min Joo Kang

Senior Economist, South Korea and Japan

min.joo.kang@ing.com

Coco Zhang

ESG Research

coco.zhang@ing.com

Jan Frederik Slijkerman

Senior Sector Strategist, TMT

jan.frederik.slijkerman@ing.com

Katinka Jongkind

Senior Economist, Services and Leisure

Katinka.Jongkind@ing.com

Marina Le Blanc

Sector Strategist, Financials

Marina.Le.Blanc@ing.com

Samuel Abettan

Junior Economist

samuel.abettan@ing.com

Franziska Biehl

Senior Economist, Germany

Franziska.Marie.Biehl@ing.de

Rebecca Byrne

Deputy Global Head of Editorial and Supervisory Analyst

rebecca.byrne@ing.com

Mirjam Bani

Sector Economist, Commercial Real Estate & Public Sector (Netherlands)

mirjam.bani@ing.com

Timothy Rahill

Credit Strategist

timothy.rahill@ing.com

Leszek Kasek

Senior Economist, Poland

leszek.kasek@ing.pl

Antoine Bouvet

Head of European Rates Strategy

antoine.bouvet@ing.com

Jeroen van den Broek

Global Head of Sector Research

jeroen.van.den.broek@ing.com

Edse Dantuma

Senior Sector Economist, Industry and Healthcare

edse.dantuma@ing.com

Francesco Pesole

FX Strategist

francesco.pesole@ing.com

Rico Luman

Senior Sector Economist, Transport and Logistics

Rico.Luman@ing.com

Jurjen Witteveen

Sector Economist

jurjen.witteveen@ing.com

Dmitry Dolgin

Chief Economist, CIS

dmitry.dolgin@ing.de

Nicholas Mapa

Senior Economist, Philippines

nicholas.antonio.mapa@asia.ing.com

Egor Fedorov

Senior Credit Analyst

egor.fedorov@ing.com

Sebastian Franke

Consumer Economist

sebastian.franke@ing.de

Gerben Hieminga

Senior Sector Economist, Energy

gerben.hieminga@ing.com

Nadège Tillier

Head of Corporate Sector Strategy

nadege.tillier@ing.com

Charlotte de Montpellier

Senior Economist, France and Switzerland

charlotte.de.montpellier@ing.com

Laura Straeter

Behavioural Scientist

+31(0)611172684

laura.Straeter@ing.com

Valentin Tataru

Chief Economist, Romania

valentin.tataru@ing.com

James Smith

Developed Markets Economist, UK

james.smith@ing.com

Suvi Platerink Kosonen

Senior Sector Strategist, Financials

suvi.platerink-kosonen@ing.com

Thijs Geijer

Senior Sector Economist, Food & Agri

thijs.geijer@ing.com

Maurice van Sante

Senior Economist Construction & Team Lead Sectors

maurice.van.sante@ing.com

Marcel Klok

Senior Economist, Netherlands

marcel.klok@ing.com

Paolo Pizzoli

Senior Economist, Italy, Greece

paolo.pizzoli@ing.com

Marieke Blom

Chief Economist and Global Head of Research

marieke.blom@ing.com

Raoul Leering

Senior Macro Economist
raoul.leering@ing.com

Maarten Leen
Head of Global IFRS9 ME Scenarios
maarten.leen@ing.com

Maureen Schuller
Head of Financials Sector Strategy
Maureen.Schuller@ing.com

Warren Patterson
Head of Commodities Strategy
Warren.Patterson@ing.com

Rafal Benecki
Chief Economist, Poland
rafal.benecki@ing.pl

Philippe Ledent
Senior Economist, Belgium, Luxembourg
philippe.ledent@ing.com

Peter Virovacz
Chief Economist, Hungary
peter.virovacz@ing.com

Inga Fechner
Senior Economist, Global Trade
inga.fechner@ing.de

Dimitry Fleming
Senior Data Analyst, Netherlands
Dimitry.Fleming@ing.com

Ciprian Dascalu
Chief Economist, Romania
+40 31 406 8990
ciprian.dascalu@ing.com

Muhammet Mercan
Chief Economist, Turkey
muhammet.mercan@ingbank.com.tr

Iris Pang
Chief Economist, Greater China
iris.pang@asia.ing.com

Sophie Freeman

Writer, Group Research

+44 20 7767 6209

Sophie.Freeman@uk.ing.com

Padhraic Garvey, CFA

Regional Head of Research, Americas

padhraic.garvey@ing.com

James Knightley

Chief International Economist, US

james.knightley@ing.com

Tim Condon

Asia Chief Economist

+65 6232-6020

Martin van Vliet

Senior Interest Rate Strategist

+31 20 563 8801

martin.van.vliet@ing.com

Karol Pogorzelski

Senior Economist, Poland

Karol.Pogorzelski@ing.pl

Carsten Brzeski

Global Head of Macro

carsten.brzeski@ing.de

Viraj Patel

Foreign Exchange Strategist

+44 20 7767 6405

viraj.patel@ing.com

Owen Thomas

Global Head of Editorial Content

+44 (0) 207 767 5331

owen.thomas@ing.com

Bert Colijn

Chief Economist, Netherlands

bert.colijn@ing.com

Peter Vanden Houte

Chief Economist, Belgium, Luxembourg, Eurozone

peter.vandenhoute@ing.com

Benjamin Schroeder

Senior Rates Strategist

benjamin.schroeder@ing.com

Chris Turner

Global Head of Markets and Regional Head of Research for UK & CEE

chris.turner@ing.com

Gustavo Rangel

Chief Economist, LATAM

+1 646 424 6464

gustavo.rangel@ing.com

Carlo Cocuzzo

Economist, Digital Finance

+44 20 7767 5306

carlo.cocuzzo@ing.com