

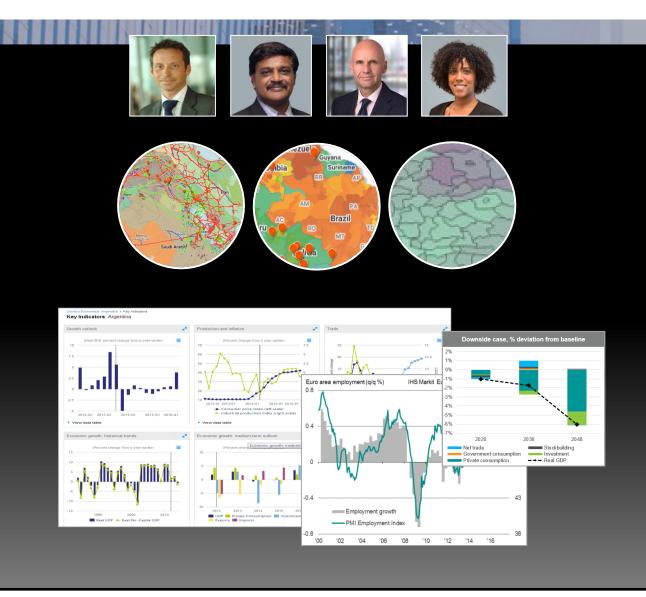
Economics & Country Risk



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A Geopolitical Storm Brewing?

Economics & Country Risk



Expertise

450+ recognized experts in economics, country risk, and commodity market analysis

Visualization

- Location specific risk scores for each 500x500 meters
 Political Violence, Civil unrest, Terrorism, War scores
- 2,500 intelligence events added weekly
- Localized economic data

Forecasting models

Comprehensive models linking the global economy, price changes, industry impacts, and risk factors allowing for what-if analysis and accurate planning

Data

- Purchasing Managers Index (PMI)
- 5m+ historical macro data series
- 250 800 forecast indicators per geography
- Commodity price forecasts for over 4,000 items
- Local risk ratings for 190+ countries

Agenda

- 1. Geopolitical Questions
- 2. Russia Ukraine War
 - 1. Current situation and outlook
 - 2. Global re-alignment
 - 3. Impact on food security global outlook
- 3. US-Iran negotiations: current situation and outlook
- 4. US-Venezuela: sanctions outlook
- 5. US-China: Strategic competition and soft containment
- 6. US Midterm elections
- 7. Q&A

Geopolitical events becoming increasingly disruptive- both to company operations and the world economy

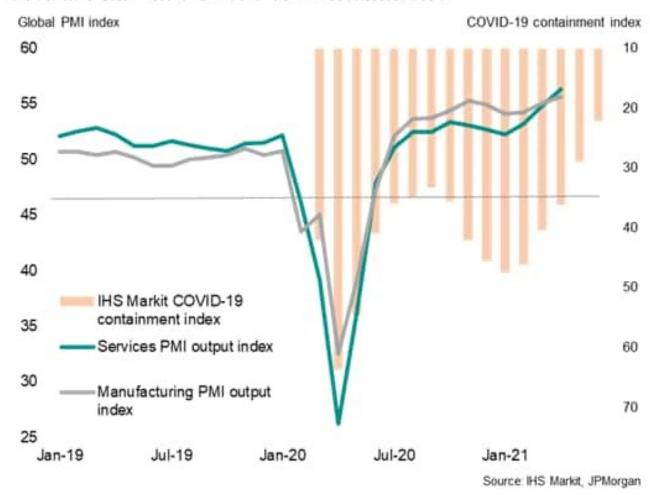
Geopolitics: Commercial impact

Geopolitics: Commercial impact Alternative De-Labour Supply chain Reputational Inflationary Currency Civil unrest Trade wars **Protectionism Sanctions** dollarisation market payment risk controls pressure systems risk effects

Source: IHS Markit © 2022 IHS Markit: 2006848

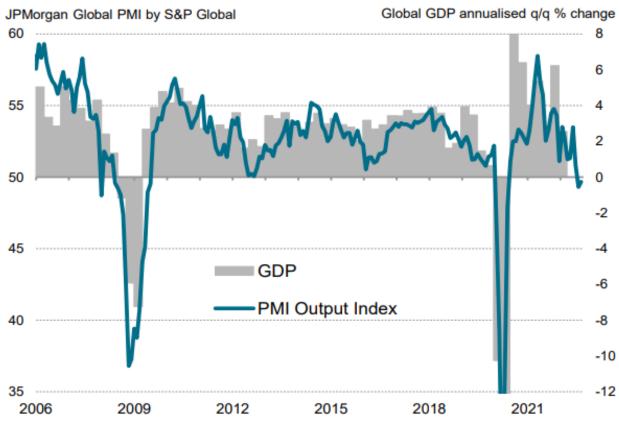
COVID, then Russia/Ukraine at the centre of the storm

Global PMI* and Covid-19 containment*



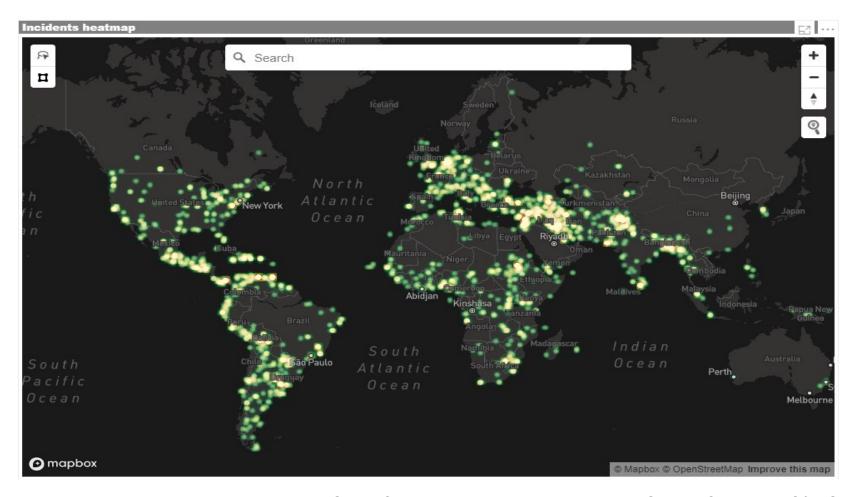
COVID, then Russia/Ukraine at the centre of the storm

Global PMI vs. GDP



Source: S&P Global, JPMorgan.

Global political discontent, policy instability and social unrest rising due to cost-of-living crisis



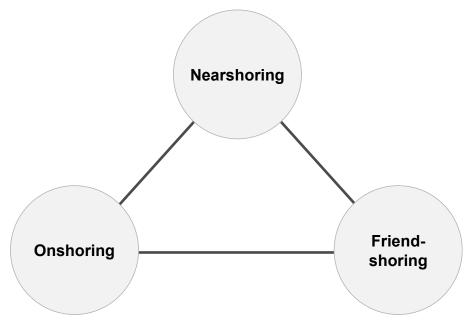
Global Civil Unrest Incidents 22 Jun 22 – 16 Sept 22 Connect by S&P Global

S&P Global Market Intelligence

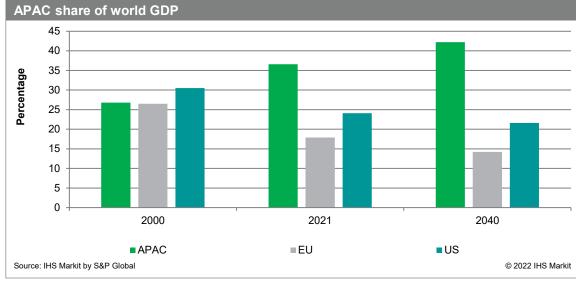
Rather than deglobalization, it is likely that we are moving into a process of

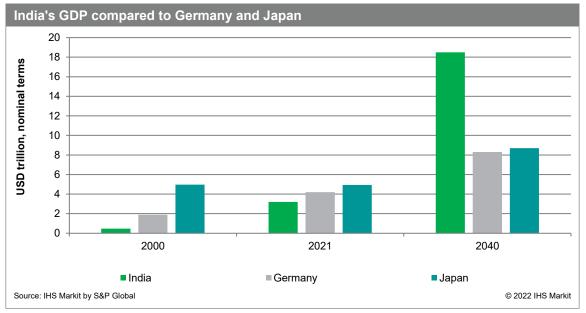
global re-configuration/re-calibration

- China increasingly influential throughout the rest of the world – companies caught in the middle of geopolitical competition/rivalries
- By 2040, the economic weight of the APAC region will reach around 42% of world GDP.



Batteries, Semi-conductors, Critical Minerals, Pharmaceuticals, Manufacturing

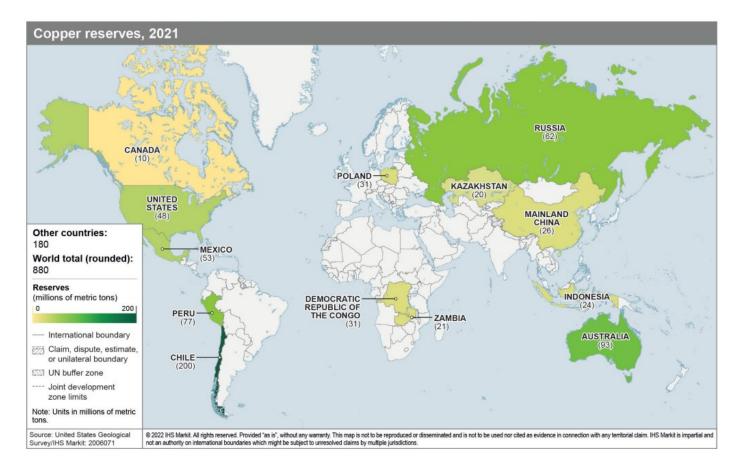




Oil defined geopolitics in the 20th century- the energy transition will likely shape geopolitics in the 21st – as countries compete for the supply of minerals

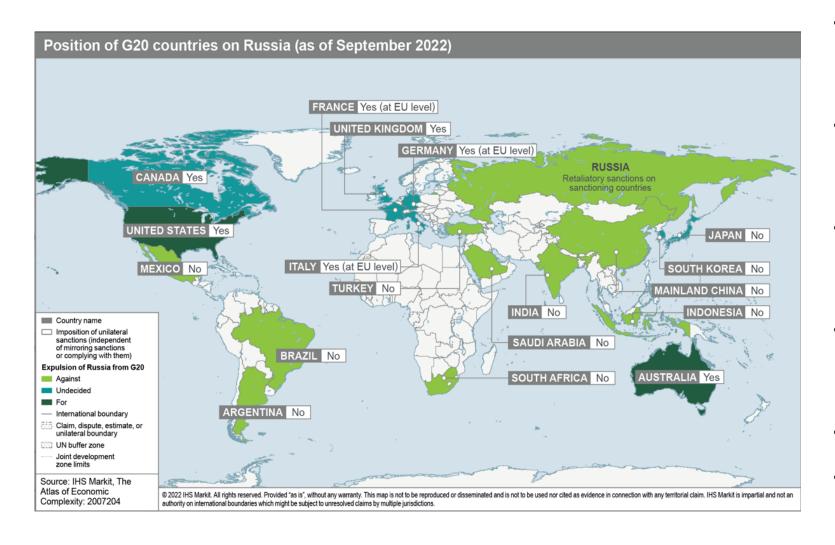
- China is the largest producer of 12 of the 18 critical minerals. Three countries control 73%-98% of production.*
- Copper demand is projected to grow from 25 million metric tons (MMt) today to about 50 MMt by 2035.
- The chronic gap between copper supply and demand will have serious consequences across the global economy and will affect the timing of Net-Zero Emissions by 2050.
- Mining needed for the transition, including of lithium, will accentuate water stress risks.

'Raw material will power our future. But a few countries now control supplies and processing. We should not fall into the same old dependencies.' Ursula von der Leyen 17 Sept 2022



*UK's Critical Minerals Intelligence Centre.

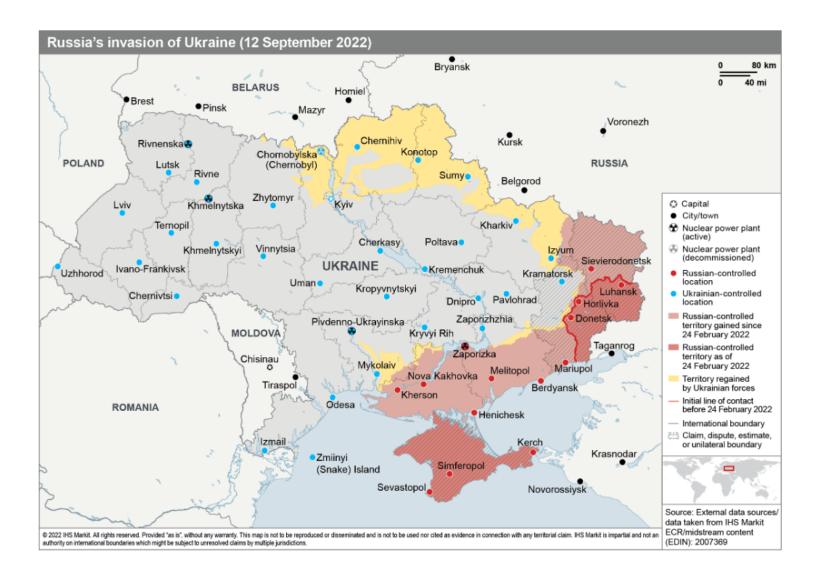
The international response to the conflict is not monolithic – Russia is increasingly isolated but some unwilling to impose own sanctions and interested in trade



- Despite Russia's isolation at UN 80% of the G20 is against or undecided G20 expulsion.
- This does not mean support but adoption of neutrality. China-India concerned as expressed in SCO.
- China, India, Turkey purchasing oil at a discount. Indonesia considering all oil supply options.
- Brazil's fertilizing imports doubled, its President negotiating import of Russian diesel.
- Turkey increasing exports to Russia.
- Alternatives to SWIFT and the US dollar being considered – but sanctions fears increasing.

Russia – Ukraine War: Current situation and outlook

Russia/Ukraine at the centre of the storm



The Actors... Russia – Vladimir Putin



By Time. CC 2.0

- Before: USSR fall worst geopolitical mistake;
 Ukraine not real country; military successes;
 economically prepared
- Now: Sunk costs; mission creep (upend European Union stability); political survival



Via Pixabay. CC

The Actors... Ukraine – Volodymyr Zelenskyy



By AP. CC 2.0

- **Before:** Declining popularity; Incredulous about war; military better prepared
- Now: Personal survival; populous locked in; must keep West involvement



By Wikimedia. CC 2.0

The Actors... US – Joe Biden



By Gage Skidmor CC 2.0



- **Before:** Primary focus on China; Europe secondary; Afghanistan debacle; Wants working relationship with Russia; inconsistent relations with Ukraine (NATO); 6 January
- Now: Planning for the long term; sanction stickiness; Trump/GOP question

The Actors... Europe

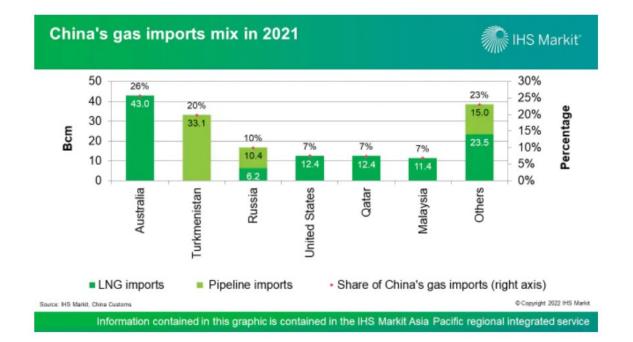


Sandro Halank, CC BY-SA 3.0

- Before: EU in transition; multiple elections, believed Putin's diplomacy; reliant on Russian energy
- Now: Led the way on sanctions; now starting to slow; major government instability questions; protest risk implications from energy price spikes



The Actors... China – Xi Jinping

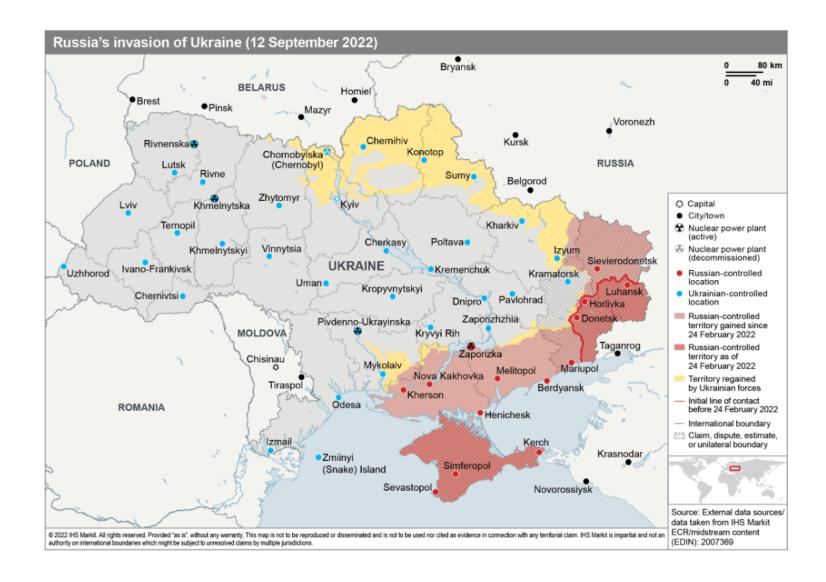




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- Before: Enemy of my enemy US; Chinese dependence on Russian natural resources; Likely knew of invasion
- Now: Major party meetings; COVID focused; limited war support; Russian junior partner

Russia/Ukraine at the centre of the storm



US – Iran negotiations: Current situation and outlook

Outlook

It is more likely than not that a nuclear deal will be achieved in H1 2023, with Iranian leadership willing to drop some demands

Positive Indicators

- Iran retracted two of its key previous demands: removal of the IRGC (or its economic affiliates) from the US' FTO
- Rising global oil prices and Iran's potential to partially compensate for Russian energy export shortfall give Iran's leadership leverage to press the US for more concessions on sanctions, but this leverage is limited.

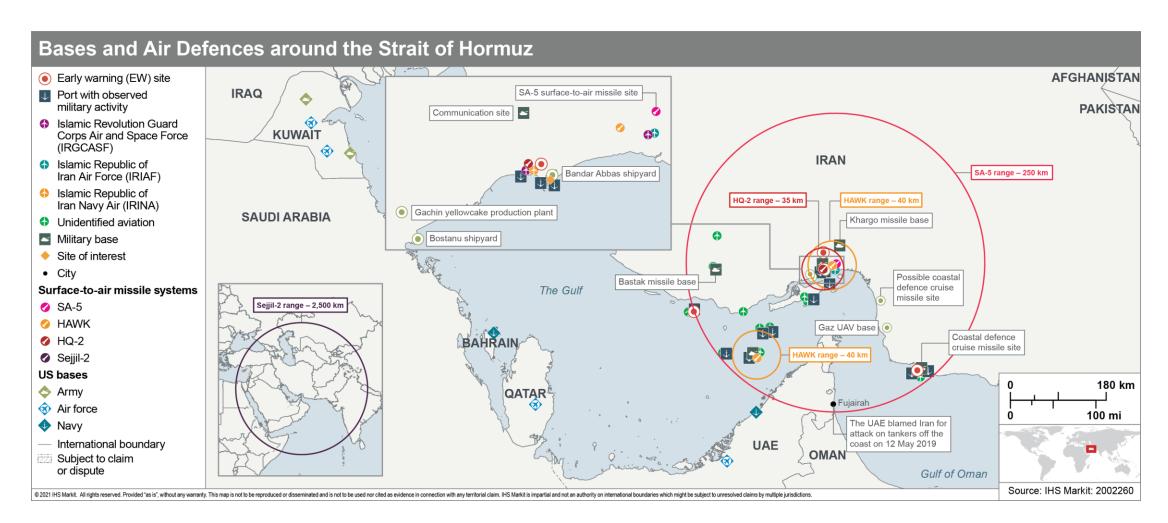
Sticking points

- IAEA probe into alleged sites of nuclear concern identified in 2018. US commitment issues remain.
- Already considerable quantities of highly enriched uranium >43kg at 60% enough to make a fissile device?
- Israel unlikely to accept new conditions and continue with sabotage operations.



Outlook

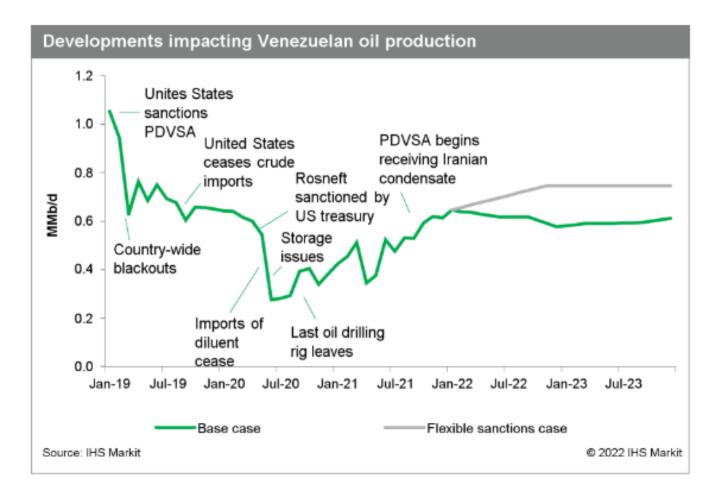
Conflict in the Gulf unlikely while talks are ongoing, but Iran pursuing weaponization would likely provoke sudden escalation



US – Venezuela: Sanctions outlook

Outlook

Strengthened Maduro will prioritise non-US-aligned allies; limited sanctions relief due to immigration and oil price concerns



- Pursuing sanctions relief and wants to increase oil production
- Wants political recognition
- Military loyal and opposition divided.
- Food shortages eased
- Outlook: Continues to priortise closer relations with its non-US-aligned allies. US has offered limited sanctions relief due to influx of Venezuelan immigrants and higher oil prices.

Mainland China – Taiwan and outlook for APAC

The Big Meeting



China bystander, CC BY-SA 3.0

- Party meetings beginning now
- Xi's 3rd term affects policy making process, though primarily polices remain the same
- Key indicators include standing committee composition
- US practicing "soft containment"

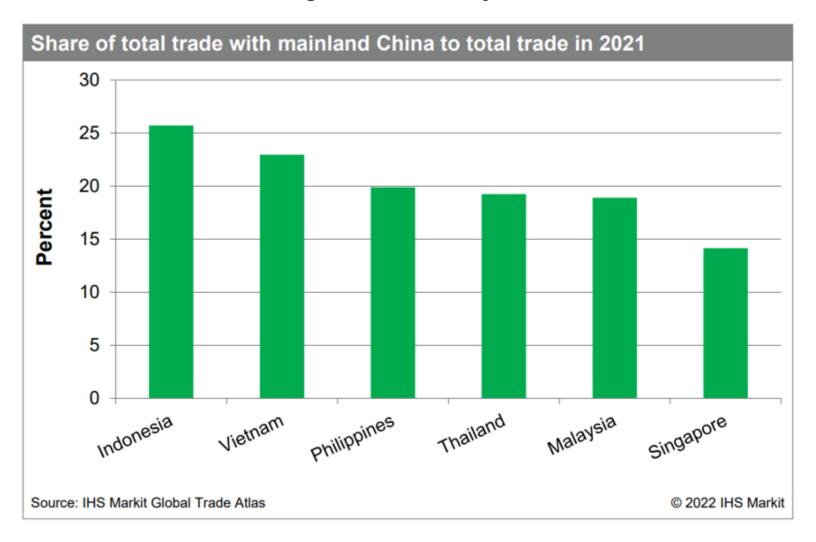
Outlook

Multiple disputes for increasing confrontation in the 24-month outlook across South China Sea region

Area of dispute	Brunei	Mainland China	Indonesia	Malaysia	Philippines	Vietnam	Taiwan
Paracel Islands		0				0	0
Spratly Islands (in whole or part)	0	0		0	0	0	0
Seas north of the Natuna Islands		0	0				0
Scarborough Shoal		0			0		0
Pratas Island		0					0

Outlook

Potential conflict risks mitigated for now by intertwined economies with mainland China

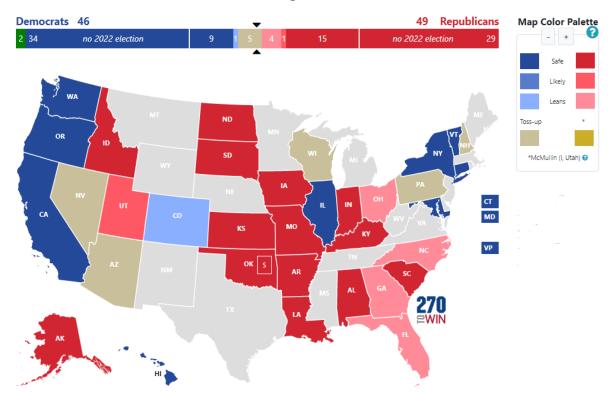


- Indonesia's biggest trade partner is mainland China
- Malaysia's biggest trade partner is mainland China
- Philippines' biggest trade partner is mainland China
- Vietnam's biggest trade partner is mainland China

US Midterm elections

US Midterms – GOP Advantage

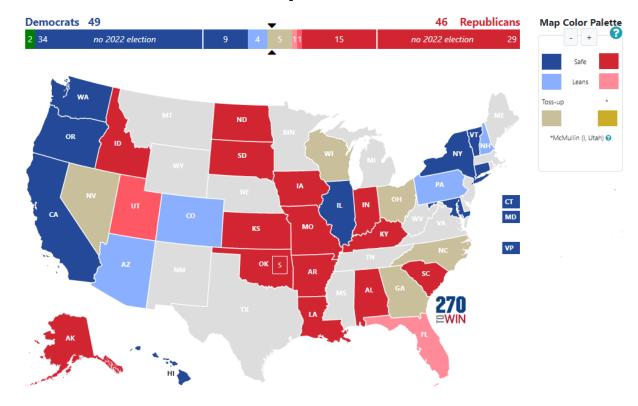
Senate Forecast – May 2022



- On average, president's party loses 26 seats in the House and 4 in the Senate
- Inflation the highest since 1980's
- Crime at levels not seen since 1990's
- Border apprehensions at levels not seen since 1980's
- Biden popularity under 50%
- GOP taking popular stances on social issues
- Off-year elections: Virginia, New Jersey, Texas

US Midterms – Dems advantage

Senate Forecast – September 2022



- Dems have made gains (though Republicans still lead):
 - Abortion (especially in toss up states)
 - Legislation
 - Student debt
- Biden numbers ticking up
- Campaign coffers
- Roe decision: Women registrations up
- Special elections: Kansas, New York

Midterm election scenarios

Dems Senate/GOP House

- 35% likelihood
- Legislative gridlock
- Confirmations fine
- Gov't shutdown risk higher
- Marginal bipartisanship
- Investigations

GOP Senate/GOP House

- 30% likelihood
- Wave election
- Legislative gridlock
- Confirmations (SOTUS)
- Debt ceiling & Gov't shutdown risks
- Investigations everywhere

Dems Senate/Dem House

- 25% likelihood
- BBB revisited
- Fine tune filibuster (54 seats)
- Voting rights
- No gov't shutdown
- Marginal bipartisanship
- Violent risks:
 Protests/Terrorism

GOP Senate/Dem House

- 10% likelihood
- Legislative gridlock
- Confirmation issues
- Gov't shutdown risk lower
- Marginal bipartisanship
- Investigations, but less hostile

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Q&A

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