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Tesla FSD Safety Level vs. Competitors (U.S. and Overseas)

Tesla FSD (Supervised v12.5+) is a Level 2 system (driver attention required), with strong data but trailing true autonomy peers in crashes/miles. Tesla reports 0.15 crashes/million miles on Autopilot (vs. U.S. average 1.53), but FSD-specific data shows ~1 intervention/10-20 miles, with 2025 incidents (e.g., 2 fatalities probed by NHTSA). Overseas (China/EU), similar stats but stricter regs limit deployment.

Competitor	Level/Autonomy	Safety Stats (2025)	Vs. Tesla FSD	Notes
Waymo (Alphabet)	Level 4 (Unsupervised robotaxi)	85% fewer injury crashes vs. humans; 0.6 disengagements/10K miles; 20M+ autonomous miles.	Safer (5-10x fewer interventions); no driver liability.	Leads U.S. (Phoenix/SF); expanding to Austin. Tesla's vision-only lag lidar/maps.
Cruise (GM)	Level 4 (Paused ops)	Pre-2023: 0.2 crashes/10K miles; post-incidents: 22 collisions in SF probe.	Comparable supervised, but unsupervised riskier (pedestrian drag 2023).	U.S.-only; regulatory halt hurts; Tesla edge in scale (1B+ miles).
Zoox (Amazon)	Level 4 (Bidirectional pods)	<0.1 crashes/10K miles; 1M+ test miles.	Safer in geofenced ops; Tesla broader but error-prone.	Vegas trials; purpose-built, no steering wheel.
Mobileye (Intel)	Level 3 (Eyes-off highway)	0.3 disengagements/10K miles; EU-focused.	Tesla safer on highways, Mobileye in hands-free.	Overseas strength (Germany); Tesla's urban focus differentiates.
Baidu Apollo (China)	Level 4 (Robotaxi)	0.4 crashes/1M km; 6M+ rides.	On par with Tesla in China; 10x miles logged.	Beijing/Wuhan scale; Tesla banned from data training.
Human Drivers (Baseline)	Level 0	1.53 crashes/million miles (U.S. NHTSA).	Tesla FSD 5-10x safer when engaged.	But FSD misuse (distracted drivers) inflates risks.

Overall: Tesla leads in data volume (3B+ miles) and affordability, improving ~5x YoY, but unsupervised safety lags Waymo (true AV benchmark). 2025 probes highlight phantom braking/edge cases; competitors' sensor fusion wins in complexity. Tesla's "10x safer than humans by 2026" claim is aspirational.

From GROK of X.AI

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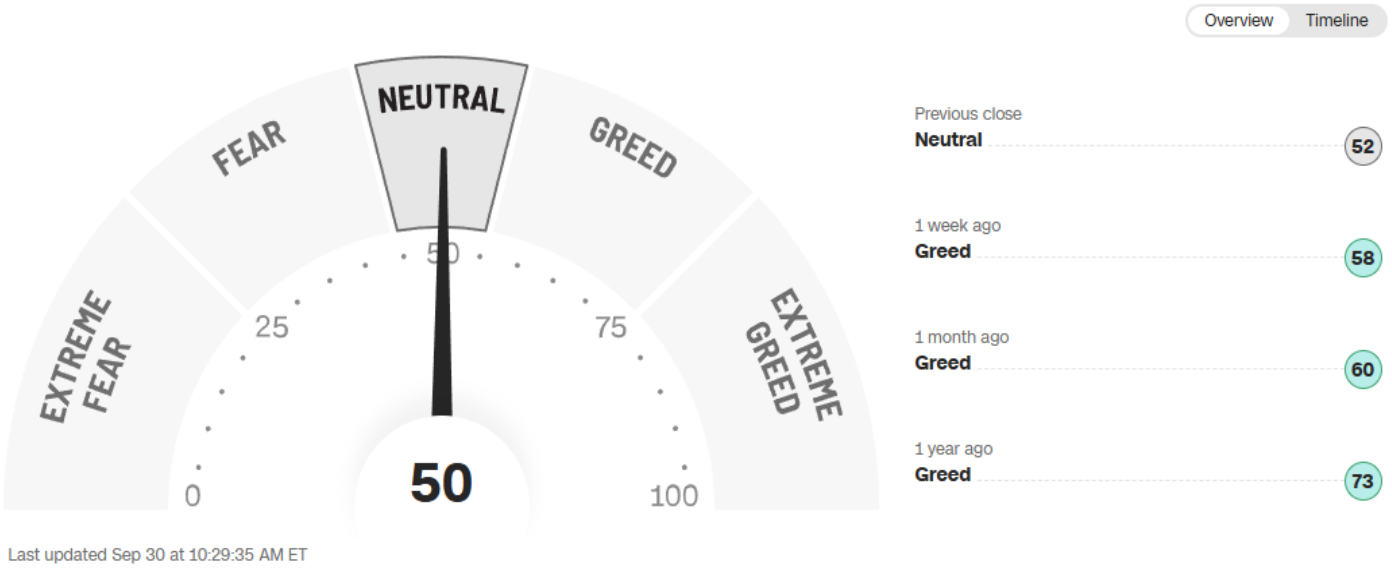
All suggestions are for reference only, even AI cannot be 100% reliable, final decision still lies upon investors.
Copy trading cannot replicate another trader's background or psychological state.

Fear & Greed Index

What emotion is driving the market now?
Learn more about the index



North East West South is *NEWS*

After days of speculation, the White House released a 20-point plan to end the nearly two-year war in Gaza, prompting the Palestinian Islamist group Hamas to release hostages and outlining the future of the Gaza Strip.

A new report from the European Environment Agency (EEA) indicates that while Europe is a global leader in combating climate change, it still needs to increase its efforts to protect the natural environment and enhance its resilience to global warming.

Russian President Vladimir Putin issued an autumn military service order, calling up 135,000 men, marking Russia's largest autumn conscription since 2016.

President Trump on Monday night announced tariffs of 10% on softwood timber and lumber alongside a 25% tariff on "certain upholstered wooden products" due to take effect on Oct. 14, according to the White House. This was the latest set of tariffs to be announced impacting the furniture industry, after Trump posted last week about a flurry of tariffs on kitchen cabinets, vanities, and other upholstered products on that will take effect Oct. 1.

Already said the purchase of TikTok is the largest collusion of officials and businessmen, for now proved that Donald Trump's son-in-law is involved in the purchase.

Tesla FSD Version 14.0 Launch and Future Timelines

Tesla confirmed Full Self-Driving (FSD) Supervised v14.0 rollout starts this week (September 29-October 2, 2025), beginning with early wide release to non-employee testers, followed by 14.1 (~2 weeks later) and 14.2 (mid-October). Elon Musk described it as "sentient," with 10x parameter gains, end-to-end neural nets for smoother urban driving, and HW4/AI4 compatibility—rolling out via OTA to ~1M+ eligible vehicles.

- **FSD v15.0 Launch**: No firm date, but based on Tesla's ~6-9 month cycles (v12 spanned 1.5 years), expect Q1-Q2 2026. It could integrate v14 learnings for unsupervised edge cases, per Musk's August hints of "dramatic" post-v14 jumps.
- **Commercial Use (Unsupervised FSD)**: Supervised FSD (Level 2) is already "commercial" ($8K-$12K add-on, 500K+ users), but full unsupervised (Level 4 robotaxi) targets end-2025 in select U.S. cities (e.g., Austin, LA), with gradual expansion. Delays from NHTSA probes persist—original June 2025 robotaxi unveil slipped; regulatory approval for liability-free ops could push mass deployment to H1 2026. China/EU lags to 2027 due to data laws.

Tesla's Emergency Door Unlocking in Fire/Power Failure

Yes, all Tesla models (Model 3/Y/S/X/Cybertruck) have mechanical overrides for power loss (12V battery failure, common in crashes/fires), bypassing electronic locks. No full power-off blocks exit—doors unlatch via manual cables, and windows can break for ventilation. Key features:

- **Front Doors**: Pull the red cable behind the armrest (visible when open); it disengages the latch for manual opening.
- **Rear Doors**: Lift the small lever under the front seat edge or pull the overhead cable (marked for emergencies).
- **Frunk/Trunk**: Manual releases inside cabin or via key fob slot.
- **Fire-Specific**: Low-voltage system allows 30-60 minutes post-crash for exits; flames rarely trap occupants if acted fast. Tesla's Emergency Response Guide (shared with first responders) details cuts for EVs. Post-2024 updates added auto-unlock on severe crashes.

Compared to the Xiaomi SU7 incident (March 29, 2025, where locked doors amid fire/power loss contributed to fatalities), Tesla's design prioritizes redundancy—critics note flush handles complicate external access if unresponsive, but internal escapes are straightforward. Always: Pull over safely, shift to Park, unlock manually.

From GROK of X.AI

Baidu and Xiaomi Autonomous Progress vs. Tesla: Threat to TSLA Price?

Baidu Apollo: Steady but China-centric. HK trials started January 2025 (first license Nov 2024) with 10 vehicles in North Lantau; September 2025 policy address boosts support for 23km urban routes on 6 cars (per your news—expanded from Tung Chung tests). Apollo Go logs 6M+ rides, Level 4 in Beijing (no driver), Dubai expansion. Vs. Tesla: More commercial miles (1M+/month), but geofenced; Tesla's end-to-end AI scales globally faster.

Xiaomi SU7: Nascent, troubled. Highway/city NOA (Navigate on Autopilot-like) rolled out 2024, free on Pro/Max trims, but March 2025 fatal crash (3 deaths in semi-autonomous mode) triggered September recall of 116K+ units for software flaws (e.g., phantom braking). OTA fixes incoming; urban ADS improving, but Level 2 max. Vs. Tesla: Sells 100K+ SU7s (20% Tesla China volume), aggressive pricing ($30K), but safety/recall hits trust. Europe R&D center opens September 2025 for global push.

Comparison to Tesla: Tesla dominates scale (FSD on 2M+ cars, unsupervised imminent), data moat, and vision tech; Baidu/Xiaomi excel in China density (robotaxi fleets) but lag unsupervised globally. Xiaomi erodes EV share (BYD ally), Baidu in services.

Threat to TSLA Price? Moderate in China (30% Tesla revenue), low globally. Xiaomi's SUV orders (200K+ backlog) pressured TSLA -3% in June 2025; Baidu's HK/Dubai wins add noise, but TSLA rebounded +6% on FSD hype. Long-term: 10-15% China share loss could shave $50-100 off TSLA (target $300), but AI/robotaxi narrative buffers. Watch Q4 deliveries—competition caps multiples, not derails.

From GROK of X.AI

Compare the following pay and performance scheme with Copilot on Sep 16 of The Express please.

Elon Musk's 10-Year Tesla Compensation Package: Feasibility of Hitting Targets

Tesla's 2018 compensation package for Elon Musk—tied to 12 tranches of market cap milestones (starting at $100B, doubling to $650B) and operational goals (revenue/EBITDA)—was largely achieved by 2021, propelling Tesla's valuation from ~$50B to over $1T at peak. However, a Delaware court voided it in 2024 over governance issues, leading to a refreshed 2025 proposal announced September 5: a 10-year "CEO Performance Award" worth up to ~$1T (12% of Tesla's stock at targets), vesting in 12 market cap tranches (to $2T+) and 12 operational milestones (e.g., $500B revenue, AI/robotics breakthroughs like unsupervised FSD). Musk must pay $334.09/share to claim vested shares at 7.5 and 10 years, with no salary/bonuses.

From GROK of X.AI

My Take: Very Hard to Hit, But Not Impossible for Musk. The bar is stratospheric—$2T+ market cap implies ~2.5x growth from today's ~$800B, requiring flawless execution amid EV slowdowns (Tesla's 2025 deliveries flat YoY), intensifying competition (BYD/Xiaomi), and regulatory hurdles (FSD approvals). Operational targets like 20M vehicle sales/year and energy/AI dominance add layers; Musk hit similar in 2018-21 via hype and capex, but 2025's geopolitics (tariffs, China bans) and execution risks (delayed Cybertruck/Robotaxi) make full vesting a moonshot—perhaps 20-30% odds. It's motivational theater: Ties Musk's wealth to Tesla's trillion-dollar AI pivot, but failure could trigger shareholder revolt. If partial hits (e.g., $1.5T cap by 2028), he still nets $300-500B, cementing trillionaire status.

From Copilot of Microsoft

🚙 Tesla FSD Version 14.0 and 15.0 Timeline

- **FSD v14.0** is launching this week, continuing Tesla's shift toward a unified neural network architecture.
- **FSD v15.0** is expected to arrive **by late November or early December 2025**, based on Tesla's current release cadence (roughly every 8–10 weeks) [1].
- **Commercial rollout** of unsupervised FSD (true autonomy) is still pending regulatory approval. Elon Musk aims for **robotaxi deployment in 2026**, but no jurisdiction has yet certified Tesla's system for full autonomy.

🔓 Tesla Emergency Door Unlock in Fire or Power Loss

Tesla vehicles **do have manual door release mechanisms** in case of electrical failure:

- **Front doors**: Pull up the mechanical release near the window switches.
- **Rear doors**: Remove the cover at the bottom of the door pocket and pull the mechanical cable forward [2].
- These releases are **standard across Model 3, Y, S, X, and Cybertruck**, and are designed for **fire or crash scenarios** [3] [4].

This system is a critical safety feature that distinguishes Tesla from some newer EVs that rely solely on electronic latches.

🧠 Tesla FSD Safety vs Other Brands

Tesla's FSD is among the safest autonomous systems on the road:

System	Accidents per Million Miles	Safety Edge vs US Average
Tesla FSD (Supervised)	0.15	**26x safer** [5]
Waymo	1.16	~3x safer
US Average	3.90	Baseline

Tesla's system is trained on **billions of real-world miles**, and its **camera-only approach** (no LiDAR) allows for rapid updates and scalability [6]. However, it still requires driver supervision and is classified as **Level 2 autonomy**, unlike Waymo's Level 4 robotaxis.

From Copilot of Microsoft

HK Baidu's Autonomous Driving in Hong Kong

- Baidu's **Apollo Go** began testing in Hong Kong in late 2024 and has now expanded to **23km routes in Tung Chung** with **6 vehicles** [7].
- It has logged over **20,000 km of safe driving** and is preparing for **commercial deployment within 1–2 years** [8].
- Baidu's Hong Kong trials are a strategic move to enter **right-hand drive markets** like the UK, Australia, and Singapore.

CN Xiaomi SU7 vs Tesla: Safety and Threat Level

- The **March 29 accident** involving the Xiaomi SU7 was tragic. While details are still under investigation, it highlights the importance of **manual safety overrides**—which Tesla includes and Xiaomi may lack.
- In performance tests:
  - **Xiaomi SU7 Max** beats Tesla Model 3 in **range (643 km vs 568 km)** and **acceleration (3.24s vs 4.62s)** [9].
  - Xiaomi's **NOA (Navigate on Autopilot)** is free, while Tesla charges ~$4,480 [10].
- However, Tesla still leads in **software maturity**, **global deployment**, and **safety data**.

📉 Will Baidu or Xiaomi Threaten TSLA Stock?

Not in the short term. Tesla's advantages include:

- **Global brand trust**
- **Massive data lead in autonomous driving**
- **Integrated AI and robotics strategy**

But long-term, **Chinese EVs are scaling fast**, and Baidu's regulatory momentum could pressure Tesla in Asia. Investors should watch for:

- **Tesla's robotaxi launch timing**
- **Xiaomi's safety upgrades**
- **Baidu's expansion into commercial fleets**

Would you like a side-by-side chart comparing Tesla, Baidu, and Xiaomi across autonomy, safety, and market reach? Or perhaps a forecast of TSLA stock price based on robotaxi milestones?

By Wikipedia

Elon Musk's predictions for autonomous Tesla vehicles

Date	Prediction	Quote	Met	Ref.
Sep 2013	2016	"We should be able to do 90 percent of miles driven [autonomously] within three years."	✗ No	[2]
Oct 2014	2015	"A Tesla car next year will probably be 90-percent capable of autopilot. Like, so 90 percent of your miles can be on auto. For sure highway travel."	AP/HW1 released Oct 2015 for highways[6]	[7][8]
Oct 2015	2018	"From a technology standpoint, Tesla will have a car that can do full autonomy in about three years, maybe a bit sooner."	✗ No	[9]
Dec 2015	2018	"We're going to end up with complete autonomy, and I think we will have complete autonomy in approximately two years."	✗ No	[10]
Jan 2016	2018	"Ultimately you'll be able to summon your car anywhere … your car can get to you. I think that within two years, you'll be able to summon your car from across the country. It will meet you wherever your phone is … and it will just automatically charge itself along the entire journey."	✗ No	[11]
Jun 2016	2019	"I consider autonomous driving to be a basically solved problem. ... We're less than two years away from complete autonomy. Regulators however will take at least another year; they'll want to see billions of miles of data."	✗ No	[12]
Oct 2016	Dec 2017	"Our goal is, and I feel pretty good about this goal, that we'll be able to do a demonstration drive of full autonomy all the way from LA to New York, from home in LA to let's say dropping you off in Times Square in New York, and then having the car go park itself, by the end of next year. Without the need for a single touch, including the charger."	✗ No	[13][14][15]
Apr 2017	Dec 2017	"November or December of this year, we should be able to go from a parking lot in California to a parking lot in New York, no controls touched at any point during the entire journey."	✗ No	[16]
May 2017	2019	"I think [a driver will be able to sleep at the wheel in] about two years. So the real trick of it is not how do you make it work say 99.9 percent of the time, because, like, if a car crashes one in a thousand times, then you're probably still not going to be comfortable falling asleep. You shouldn't be, certainly."	✗ No	[17][18]
Feb 2018	Aug 2018	"[Autopilot is] going to kind of be like [the progression of DeepMind's AlphaGo] for self-driving. It will feel like well this is a lame driver, lame driver. Like okay, that's a pretty good driver. Like holy cow, this driver's good. It'll be like that. I mean, timing-wise, I think we could probably do a coast-to-coast drive in three months, six months at the outside."	✗ No	[19]

List of predictions for autonomous Tesla vehicles by Elon Musk - Wikipedia

World Observation

Day 1316
Russia/Ukraine Conflict

Riding the AI Waves

(30) Full Self Driving

Even Elon Musk is a superman, but he has already faced a lot of failures, especially in Full Self Driving (FSD). One of his famous forecasts on FSD in 2017 is that next year can have a coast-to-coast driving, that is either from east coast to west coast or vice versa. But he himself admitted he is very often too optimistic. Please refer the table on page 7 of his forecasts on FSD by Wikipedia, half a hundred of his wishes on FSD could not come true. That is why during the fall of TSLA since Dec 2024, I told investor not to buy the stocks for he wished unsupervised FSD could come out in Jun 2025, but failed.

Now, situation has been changed, the progress is on the track gradually. Version 14 will come out this week, and 14.1 two weeks later and 14.2 two more weeks. Version 15 will be by the end of this year. Unsupervised FSD will be ready for wide commercial usage in mid-2026. May be a little later, anyway would be too long. For it aims at a safety of 10 times better than human drivers. Actually, limited commercial use is now in operation.

Henceforward, there will be no more drunken drivers, drug drivers, over-working drivers or emotional drivers when FSD occupies the market. Even a husband quarrels with his wife, the FSD still can function well and the car would not be affected. People need not complain young drivers which has insufficient experience, policemen need not come out to catch drunken drivers on Christmas eve.

However, it will be a doomsday to professional drivers, driving instructors and driving schools. The final countdown has already started.

For general citizens, what they concern is safety, including passengers on the car and pedestrians on the road. There is an accident of Xiaomi Su7 on March 29, 2025. The accident caused fire and 3 college students were burnt to death inside the car. People worried if there is a fire, the electricity should be power off, how can they open the door for escape. Tesla said all their e-cars have mechanical design and can easily survive when power off because of fire. Xiaomi also said they have such devise, but those students still burnt to death and thus needs to be investigated. Basically, Xiaomi is famous for mobile and not e-car.

Baidu is having their auto driving test in Hong Kong now. For in mainland China, their traffic is keeping right, but Hong Kong is an island economy, traffic keeping left. They are aiming at the market of Japan, Singapore, Australia and UK, that is island economy. So, the battle of FSD has already started, and competitors not only limited to US market, but overseas market also.

By 2040, 97% of traditional human drivers will be eliminated. So, for the future of TSLA, focus should not be limited to the quantity of production, but will shift to FSD and Optimus humanoid robots also. Don’t forget the X.AI also, it is a great inspiration to the fans of Elon Musk and he himself also. The battlefield will not limit to recent years but will be extend to more than the Pay and Performance Scheme of 10 years.

Meanwhile, do you know another optimistic wish of Elon Musk? He wishes to migrate one million people to the Mars before 2054. Do you think its too optimistic? Oh my God! Every of his wishes would have some effect on the price of TSLA or even the US stock market.