



Waymo\_

## Waymo Has 70 Humans Running 3,000 Drivers. Let That Sink In!

Waymo currently has just **70 remote assistance agents supporting 3,000 autonomous vehicles**.

That's roughly **one human supporting 43 drivers**. Let that sink in.

For years, the debate around autonomous vehicles has been framed incorrectly. The question has been: **when will AI fully replace the human driver?** But the real story is far more profound and far more investable.

Waymo's system doesn't eliminate humans. It leverages them. These remote assistance agents do not steer, brake, or control the vehicle. Instead, they intervene briefly when the AI encounters ambiguity—providing context, not control. The vast majority of driving decisions are handled autonomously. The human exists only as an exception handler.

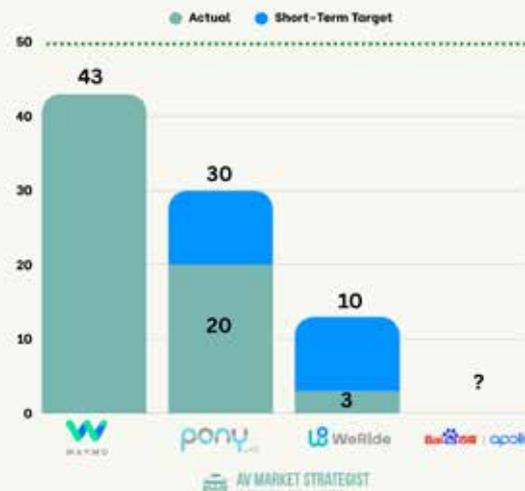
This architecture changes everything.

A traditional ride-hailing network requires one human per vehicle. Waymo requires one human for every forty-three vehicles. That represents a **98% reduction in direct labour intensity**.

This is not incremental improvement. This is structural transformation. And it reveals something much bigger than autonomous vehicles. It reveals the economic model of the AI era.

AI is not simply replacing humans - it is **allowing each human to scale their output exponentially**. One radiologist supervising AI can review far more scans. One software engineer can produce far more code. And now, one remote supervisor can support dozens of autonomous vehicles.

## VEHICLES PER REMOTE OPERATOR



This is the emergence of software-like scalability in the physical world.

When labour ceases to scale linearly with output, cost structures collapse and margins expand. **Businesses that successfully embed AI into their operating model will increasingly resemble software companies**—highly scalable, capital-efficient, and structurally advantaged.

This is why the ratio matters. Waymo's current ratio of 1:43 already exceeds many competitors and approaches levels others aspire to reach. It suggests the underlying autonomy stack is not fragile—it is robust. And robustness is what enables economic superiority.

The investment implication is clear.

The biggest winners of the AI era will not necessarily be those who eliminate humans entirely. They will be those who use AI to amplify human capability creating operating leverage that was previously impossible.

Throughout history, the most valuable

businesses have been those that scale without proportional increases in cost. AI is now bringing that model to industries that were previously constrained by human labour.

Autonomous vehicles are simply one of the first visible examples. But they won't be the last.

**The future will not belong to companies that replace humans.** It will belong to those that turn one human into forty-three.



# INSIGHTS:

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