

Howe Island Ferry Performance Comparison “The Facts”

Disclaimer: These “Facts” only apply during rush-hour when main ferry is operating at maximum capacity, and as such un/loading times are at there longest.

Previously:

- The 9-car ferry could move 38 cars per hour
 - The 3-car ferry can move 24 cars per hour
- Combined the two ferries could move 62 cars per hour on/off the Island

Currently (April – December)

- The 15-car ferry can move 47 cars per hour
 - The 3-car-ferry can move 24 cars per hour
- Combined the two ferries can move 71 cars per hour on/off the Island. **This is 9 extra cars every hour that could be moved off the island in 2004.**

Currently (January – March)

- The 15-car ferry can move 47 cars per hour.
 - This is 24 cars per hour less than with both ferries operating.
- It would take the 15-car ferry 1.6 extra trips every hour to compensate for this additional traffic.**

1.6 extra trips = 30 minutes ferrying time.

Question: How long are people waiting in the line? ~about 30 minutes?

Annual Advantage:

If the 3-season numbers and the Winter numbers are combined, the average number of cars that can be moved during rush hour (on an annual basis) is 65 – This is *3 cars more* every hour than was possible when the 9-car and Foot-ferry were operating together.

3 cars every hour = 3.8 minutes ferry time

This 3 car increase in annual capacity likely does not compensate for the increase in population on Howe Island since 2004.

"HOWE ISLAND FERRY PERFORMANCE COMPARISON - THE NUMBERS"

	15-car ferry	9-car ferry	3-car ferry
# CARS per trip	15	9	3
Round Trip (minutes)	19	14	7.5
Trips per hour	3.2	4.3	8
Cars per hour	47	38	24

Performance: April-December

9-Car + 3-Car hourly capacity	62
15-Car + 3-Car hourly capacity	71
Increase in hourly capacity (cars)	9
Increase in hourly capacity (percent)	15%

Performance: January-March

9-Car + 3-Car hourly capacity	62
15-Car	47
Increase in hourly capacity (cars)	-15
Increase in hourly capacity (percent)	-24%

Performance: January-December

Annual hourly capacity (cars)	65
Annual hourly improvement (percent)	4.8%

CAR
3 INCREASE



