

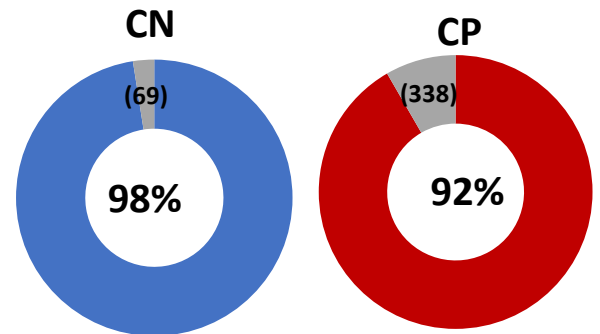
## Performance Dashboard

### Timeliness of Weekly Car Supply

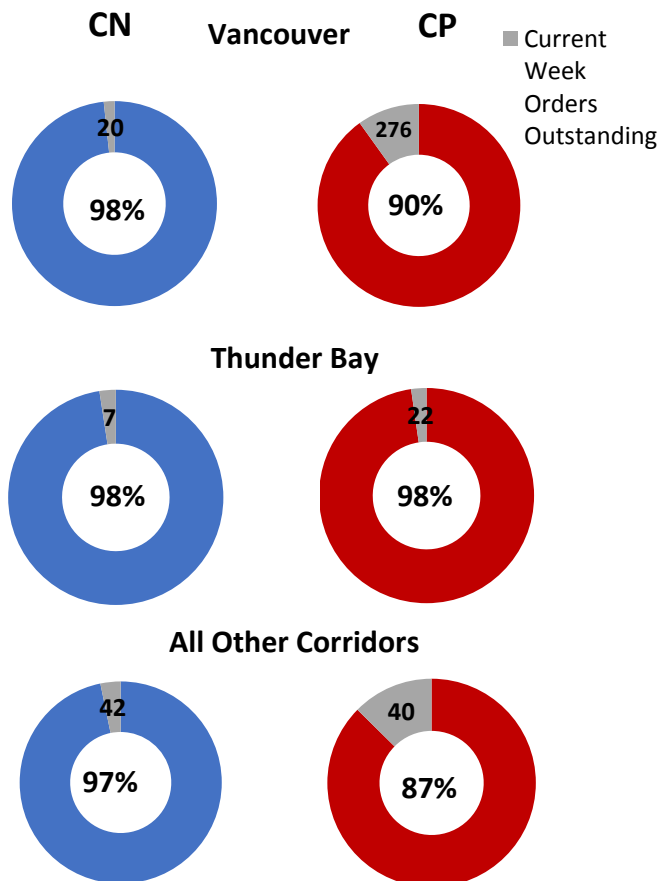
The delivery of railcars in a timely fashion is essential to ensure grain shippers can meet the demand of their domestic and international customers and plan logistics activities from country elevators and processing plants through to terminal and vessel operations. When railway car orders are not supplied to shippers in the week for which they are ordered it can disrupt operations throughout the supply chain. Both early and late supply of railcars can be equally detrimental to grain handling operations and may result in additional handling costs and in the case of late supply the potential for lost sales. For small shippers with limited rail siding capacity the early delivery of cars can be particularly problematic.

	CN	CP
Current Week Hopper Car Demand	2,783	4,047
Current Week Order Fulfillment		
Supplied for Want Week	2,714	3,709
Current Week Unfulfilled Demand	(69)	(338)
% Current Week Orders Supplied	98%	92%

### Percent of Orders Supplied for Want Week



### Corridor Performance



The railways supplied 94% of total hopper car demand for Grain Week 45. Of the cars supplied, 16% were supplied to shippers in the prior week. This results in unfulfilled demand for Grain Week 45 of 407 orders.

CN met 98% of orders in the Vancouver corridor as compared to CP which met 90% of demand for hopper cars in Grain Week 45. Order volumes to Thunder Bay were approximately 1,200 total for the two railways combined. CN and CP both met 98% of shipper demand in the Thunder Bay corridor although CP order volumes were approximately 3 times those of CN. CP order volumes to Vancouver were more than twice those of CN.

CN performance (97%) in other corridors was better than CP (87%) during Grain Week 45. These corridors represented 47% and 8% of CN and CP demand respectively for Grain Week 45. For CN 90% of demand in these corridors was for Prince Rupert. Total orders for CP in these corridors was slightly more than 300.

CN spotted 2,845 hopper cars and CP spotted 3,276 hopper cars in the country in Grain Week 45 for a total supply of 6,121 cars – this included 725 cars that had been ordered for other weeks.

### Current Week Railway Order Fulfillment

- CN and CP supplied 6,423 (94%) of the 6,830 hopper cars ordered for delivery in Grain Week 45 resulting in 407 hopper car orders remaining outstanding. Of the cars supplied, 1,027 (16%) were supplied to shippers in the prior week.
- CP supplied 92% and CN 98% of orders for Grain Week 45 resulting in 338 outstanding orders for CP and 69 outstanding orders for CN.
- Boxcar shippers received 100% of orders in Grain Week 45. Year to date shippers have received 73% of boxcars ordered.

### Corridor Performance

- In Grain Week 45 traffic destined to bulk terminals in Western Canada received a higher percentage (95%) of cars ordered as compared to other corridors. By comparison, non-bulk corridors including the USA/Mexico, Vancouver transload and Canadian domestic corridors received 85% of cars ordered for delivery in Grain Week 45.
- In Grain Week 45 CP supplied 87% of orders for non-bulk corridors while CN supplied 79% of orders. CN order volumes in these corridors were nominally higher than CP in Grain Week 45.

### Railway Dwell Times at Country Origins – Grain Week 45

- In Grain Week 45, CN's loaded dwell times for multi car blocks of 25 – 100 cars at country origin locations averaged 13 hours while CP's loaded dwell times averaged 64 hours.
  - In the crop year to date, 24% of all multi car block grain shipments have waited for more than 48 hours at origin for pick up by the railways after being released by shippers for movement to destination. Only 57% of shipments were picked up within 24 hours.

### Railway Dwell Times at Destination Terminals – Grain Week 45

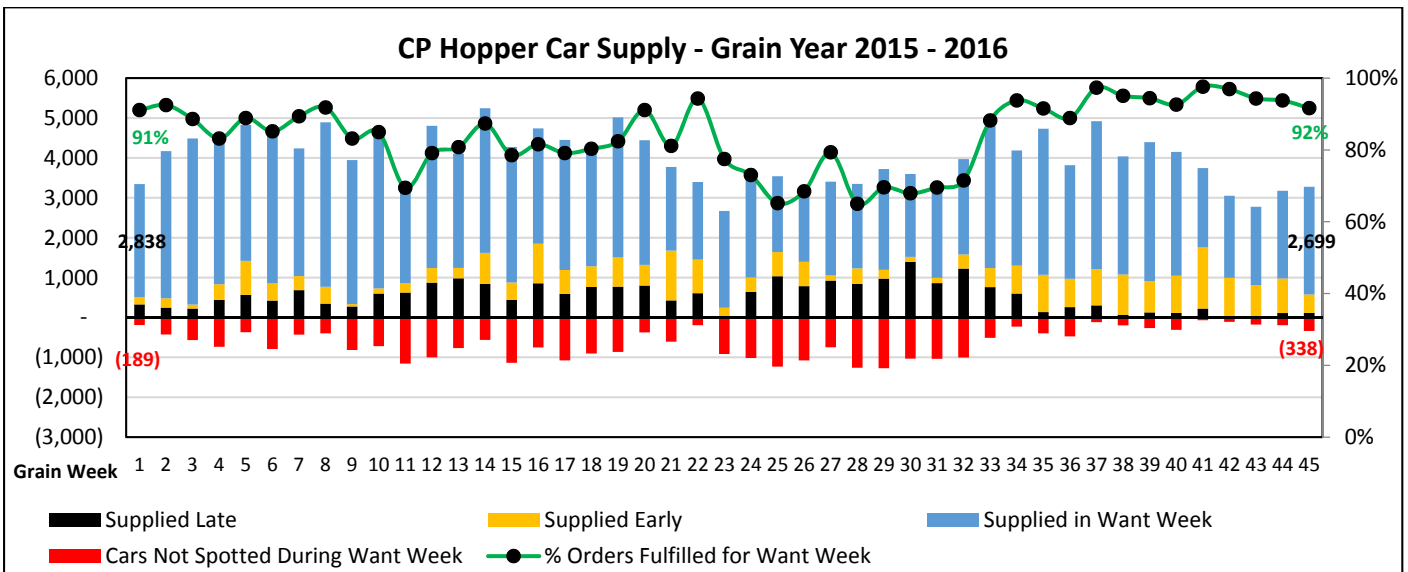
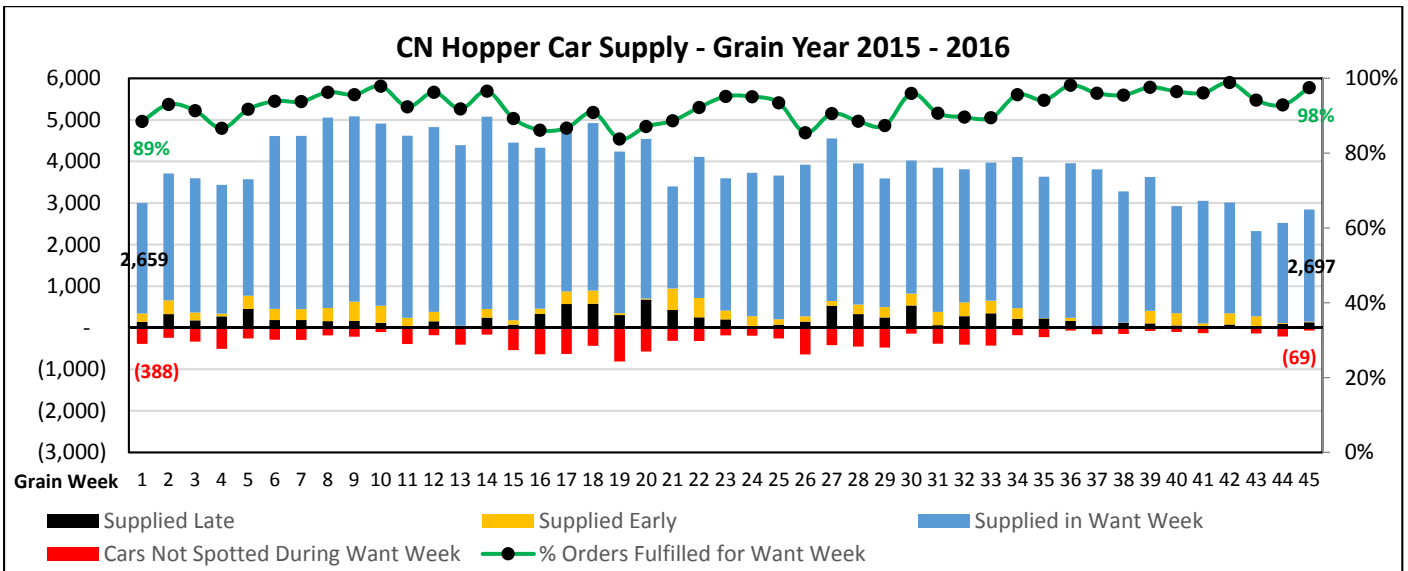
- CN: Thunder Bay (53 hours), Vancouver bulk (21 hours) and Vancouver transload/local (30 hours)
- CP: Thunder Bay (118 hours), Vancouver bulk (11 hours) and Vancouver transload/local (14 hours)

### Port Terminal Out of Car Time

- Vancouver north shore – Grain Week 45 (12%); weekly average YTD (17%)
- Vancouver south shore – Grain Week 45 (9%); weekly average YTD (17%)
- Prince Rupert – Grain Week 45 (11%); weekly average YTD (3%)

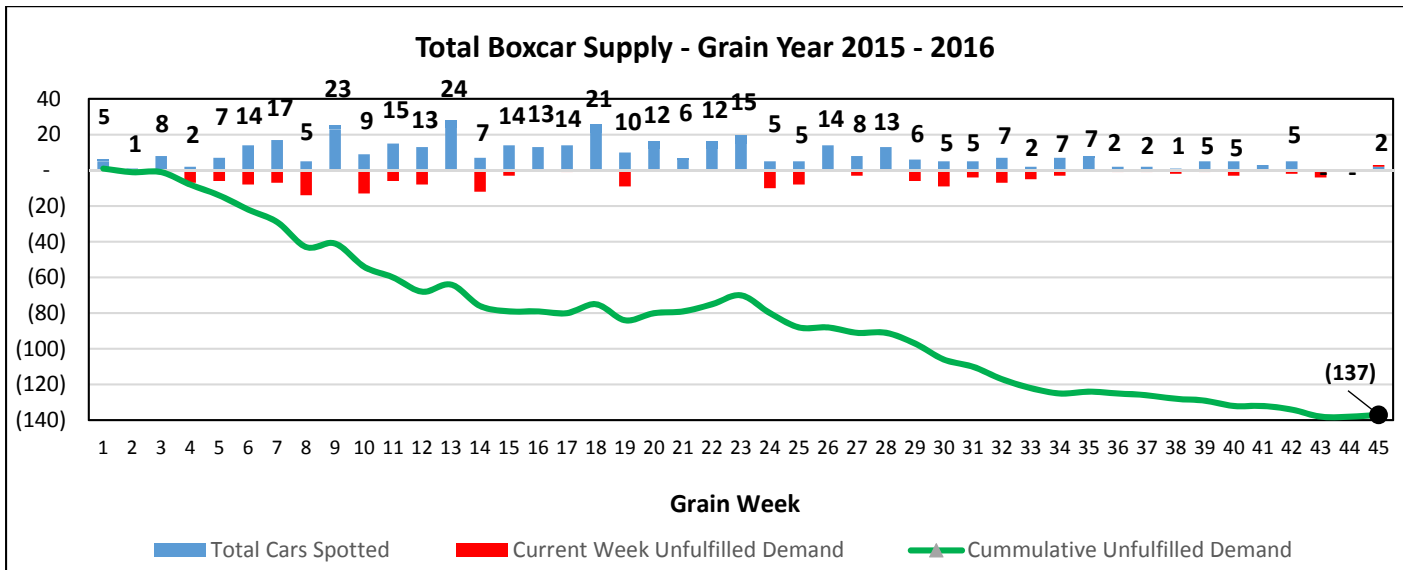
Railway Car Supply Performance for current grain year as of Grain Week 45 (CY 2015)

Crop Year To Date					Average Weekly Performance				Weekly Average # of Cars Not Spotted in Order Week
		Customer Demand	Railway Supply	Unfulfilled Demand	Customer Demand	Railway Empty Car Supply Current Week Orders	Prior Week Orders	Total Cars Supplied	
Hopper Cars	CN	181,387	177,314	(4,073)	4,031	3,725	212	3,937	(306)
	CP	184,991	179,963	(5,028)	4,111	3,469	542	4,011	(642)
		<b>359,548</b>	<b>357,277</b>	<b>(9,101)</b>	<b>8,142</b>	<b>7,193</b>	<b>775</b>	<b>7,947</b>	<b>(948)</b>
Boxcars	CN + CP	513	376	(137)	11	8	-	8	(3)

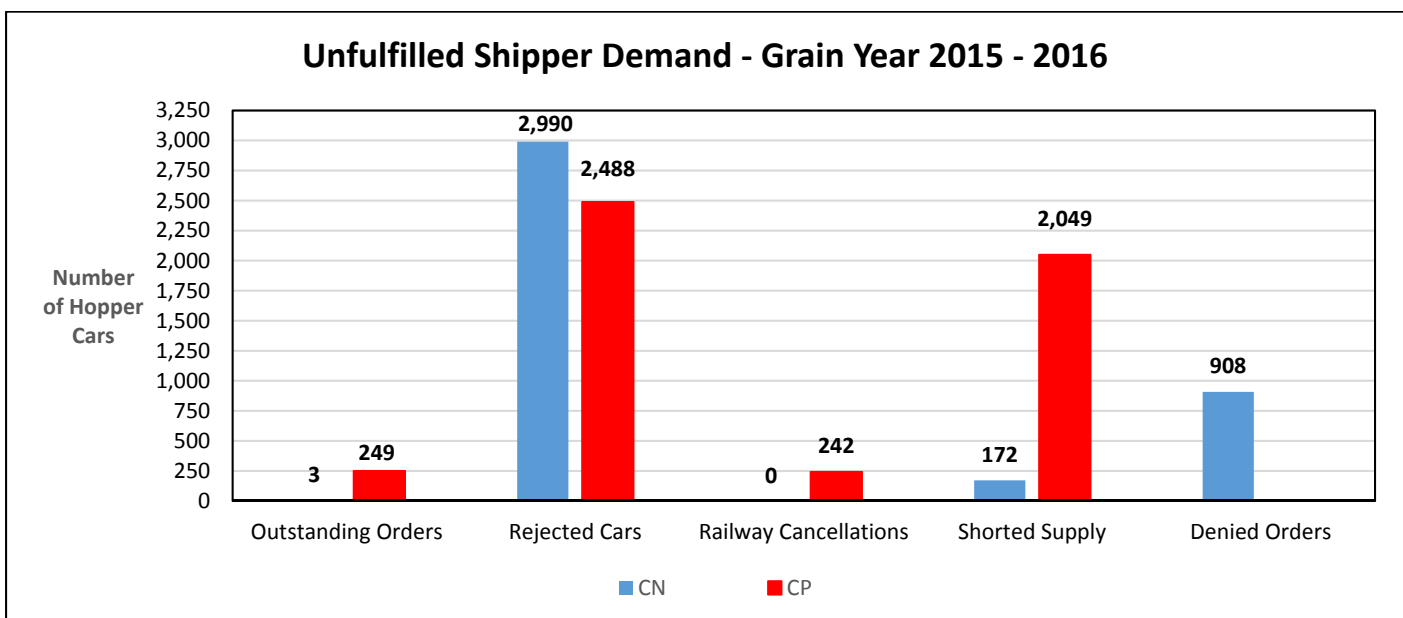


The calculation of total unfulfilled demand for hopper cars represents the accumulated difference across all grain weeks in the year between the number of cars ordered by shippers and the number of cars supplied by the railway for those orders. This total unfulfilled demand therefore represents the volume of missed and deferred shipper orders.

Shipper demand includes all orders placed by shippers in the railways’ car order systems plus orders that have been denied or cancelled by the railways based on car ordering rules imposed on shippers during the current grain year. Supply of railcars reflects total cars supplied excluding cars rejected by shippers as unsuitable for loading due to mechanical or sanitary reasons.

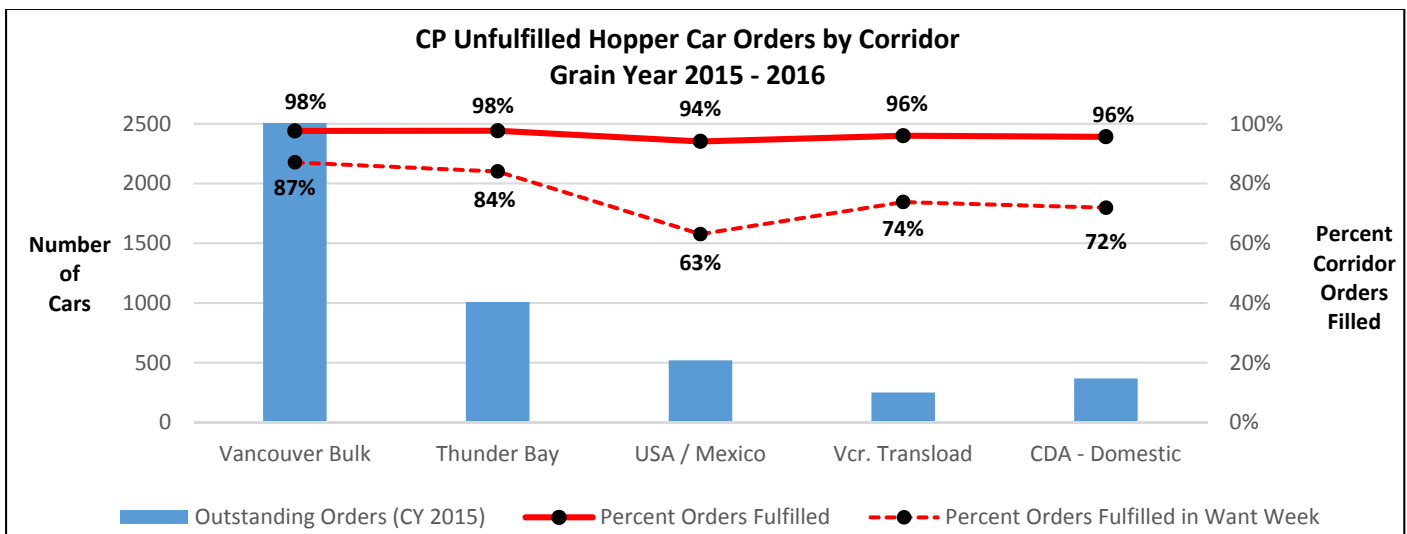
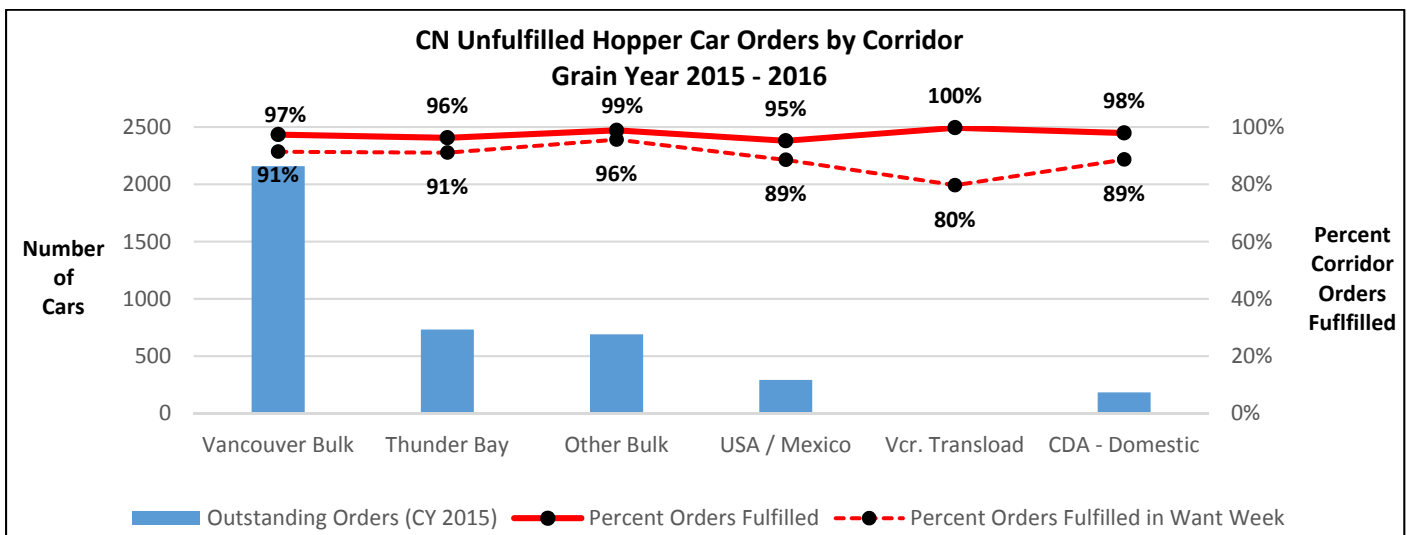


The calculation of outstanding orders excludes all unfulfilled orders related to rejected cars, orders denied by the railways, railway cancellations due to railway car ordering thresholds and orders not completely filled (shorted supply). The chart below provides a breakdown of total unfulfilled shipper demand by category.



Railway Car Supply Performance by Major Corridor – To Grain Week 45 (CY 2015)

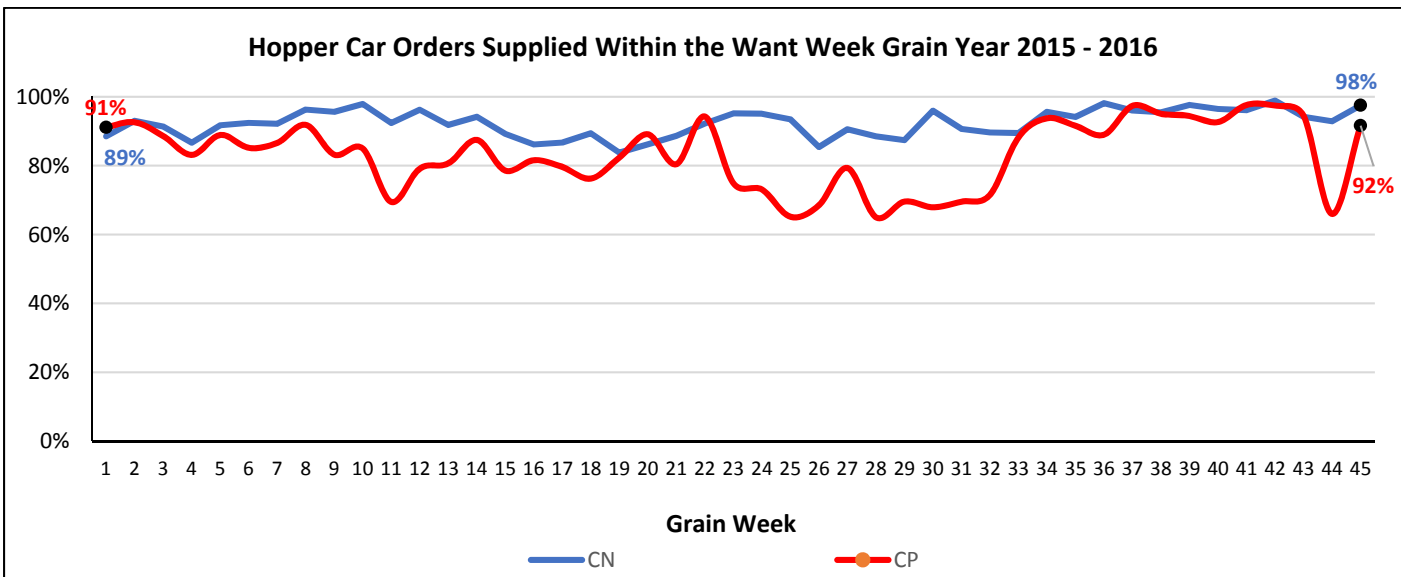
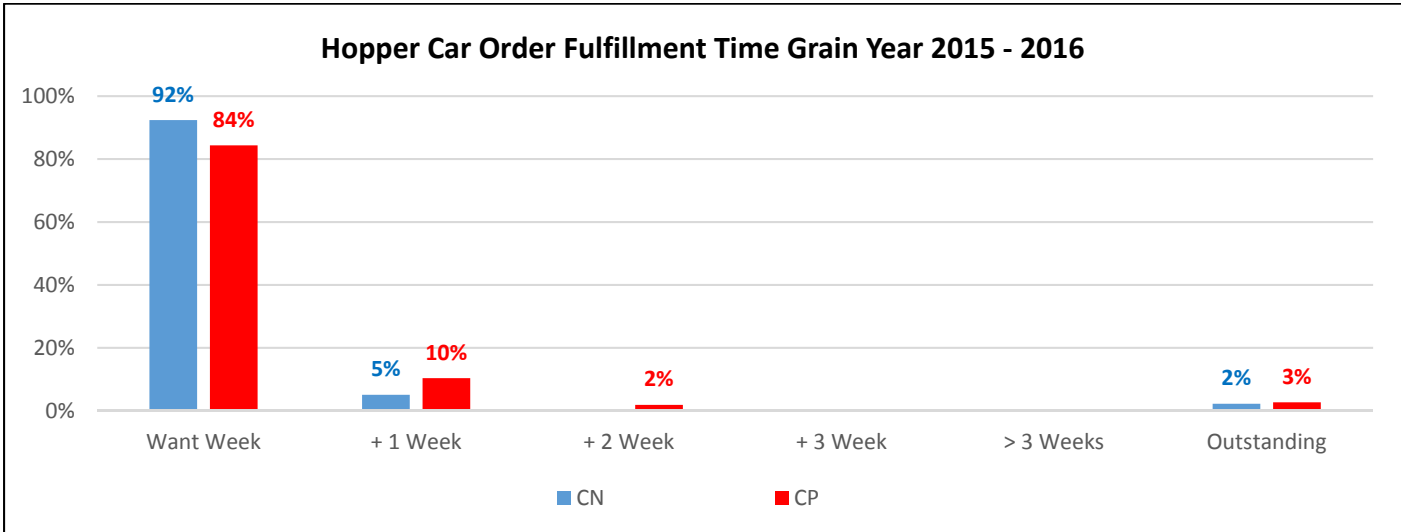
	Cars Supplied			Year to Date Unfulfilled Demand		
	CN	CP	Total	CN	CP	Total
Vancouver Bulk	79,898	116,120	196,018	(2,159)	(2,880)	(5,039)
Thunder Bay	18,810	41,560	60,370	(733)	(1,009)	(1,742)
Other Bulk	58,992	-	58,992	(691)	-	(691)
USA / Mexico	5,810	8,263	14,073	(293)	(520)	(813)
Vancouver Transload	5,180	5,991	11,171	(13)	(251)	(264)
Canada - Domestic	8,624	8,029	16,653	(184)	(368)	(552)
	<b>177,314</b>	<b>179,963</b>	<b>357,277</b>	<b>(4,073)</b>	<b>(5,028)</b>	<b>(9,101)</b>



Corridor statistics reflect performance for railway car supply by destination corridor against **current year orders** for each corridor. The number of cars supplied **excludes** cars supplied by the railways during the measurement period that were for prior year orders.

Timeliness of Railway Car Supply Against Customer Demand

RR	Want Week	+ 1 Week	+ 2 Weeks	+ 3 Weeks	> 3 Weeks	Outstanding Orders
CN	92%	5%	-	-	-	2%
CP	84%	10%	2%	-	-	3%
Total	88%	8%	1%	-	-	2%

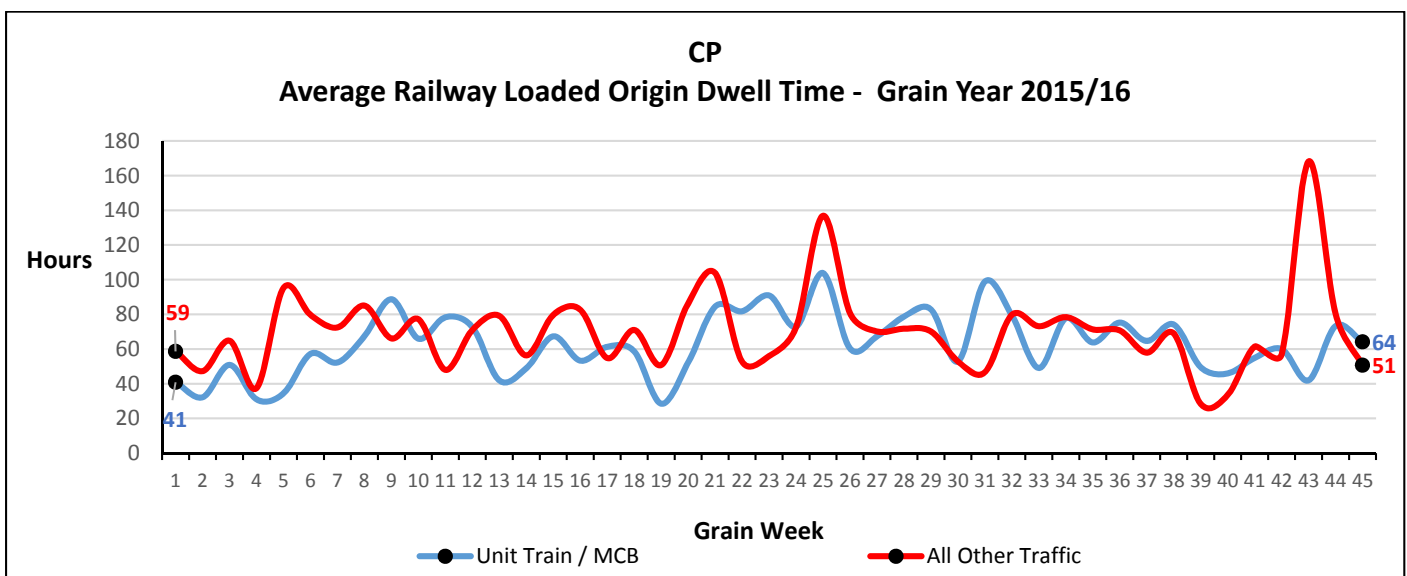
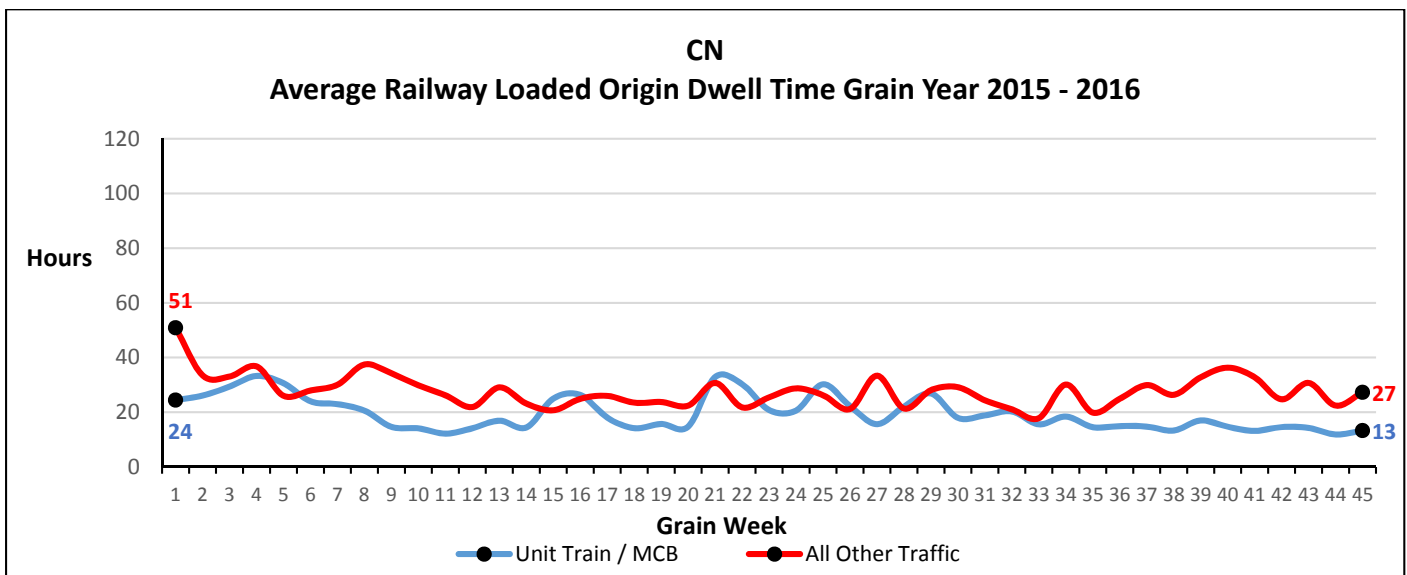


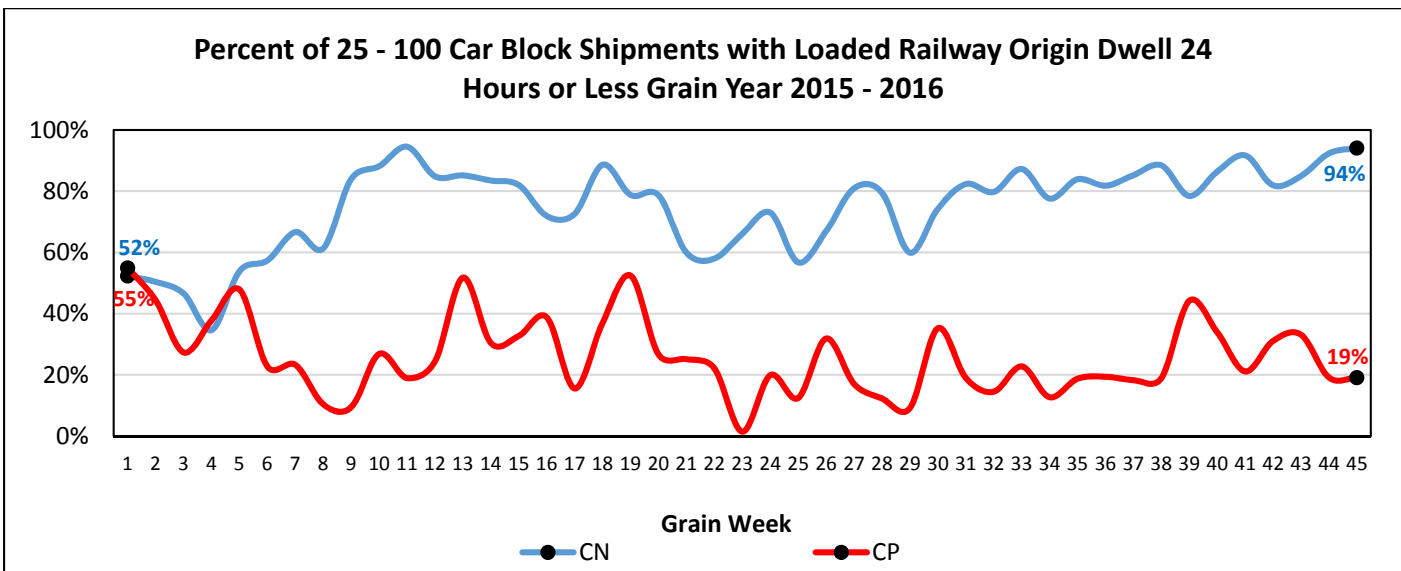
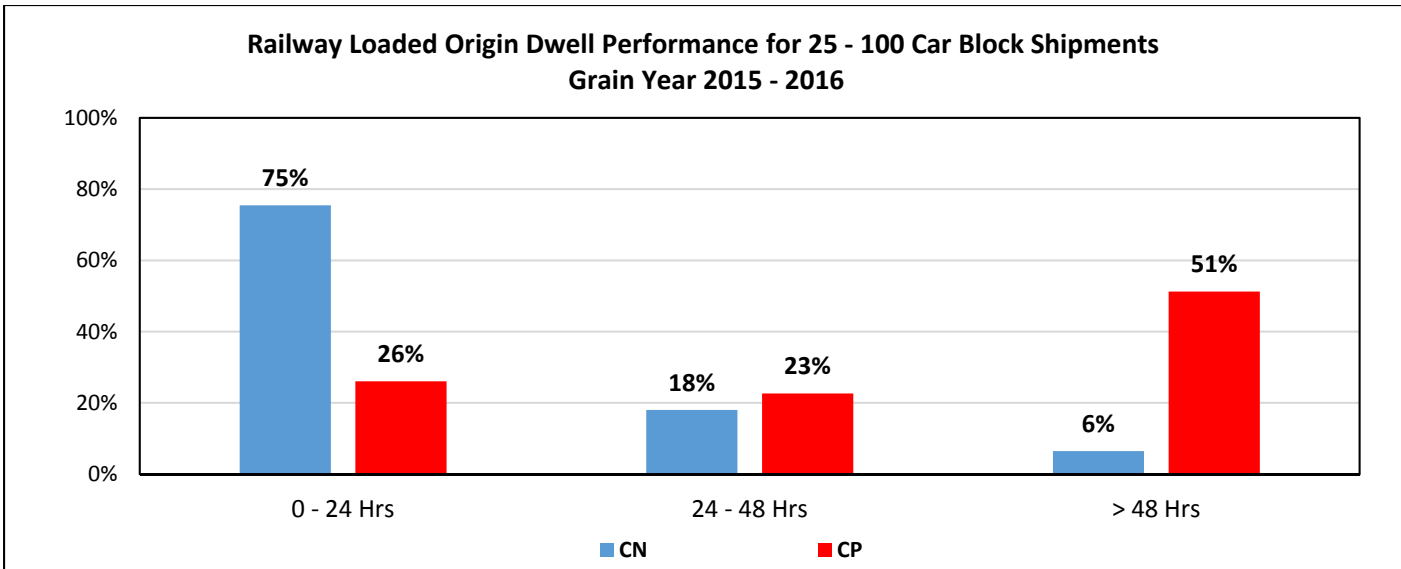
Origin Dwell Performance

Origin dwell time measures the elapsed time from the release of loaded cars by shippers to the time the railways physically pull the cars from a shipper’s siding for movement to destination. Average performance in this area will vary depending on the nature of the shipment.

For unit trains and other multi car block shipments dwell time is generally expected to be 24 hours or less as these shippers load cars within 24 hour windows in order to avoid origin demurrage charges assessed by the railways. Non multi car block shipments of less than 25 cars will generally have longer dwell times.

The charts below provide a view of origin dwell performance on a weekly basis since the beginning of the current crop year. The last chart looks specifically at origin dwell performance for multi-car block shipments. Increasing dwell times at country origins negatively impact railcar cycles which in turn impact the ability of the railways to supply empty cars to shippers.





Railway Destination Terminal Dwell Performance

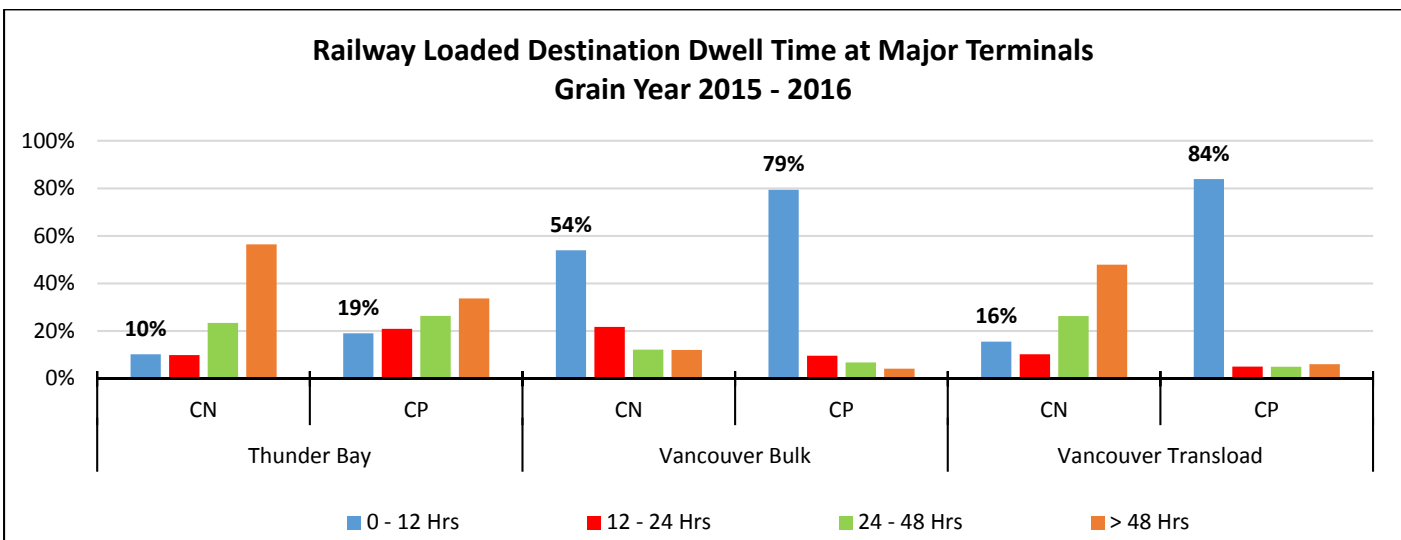
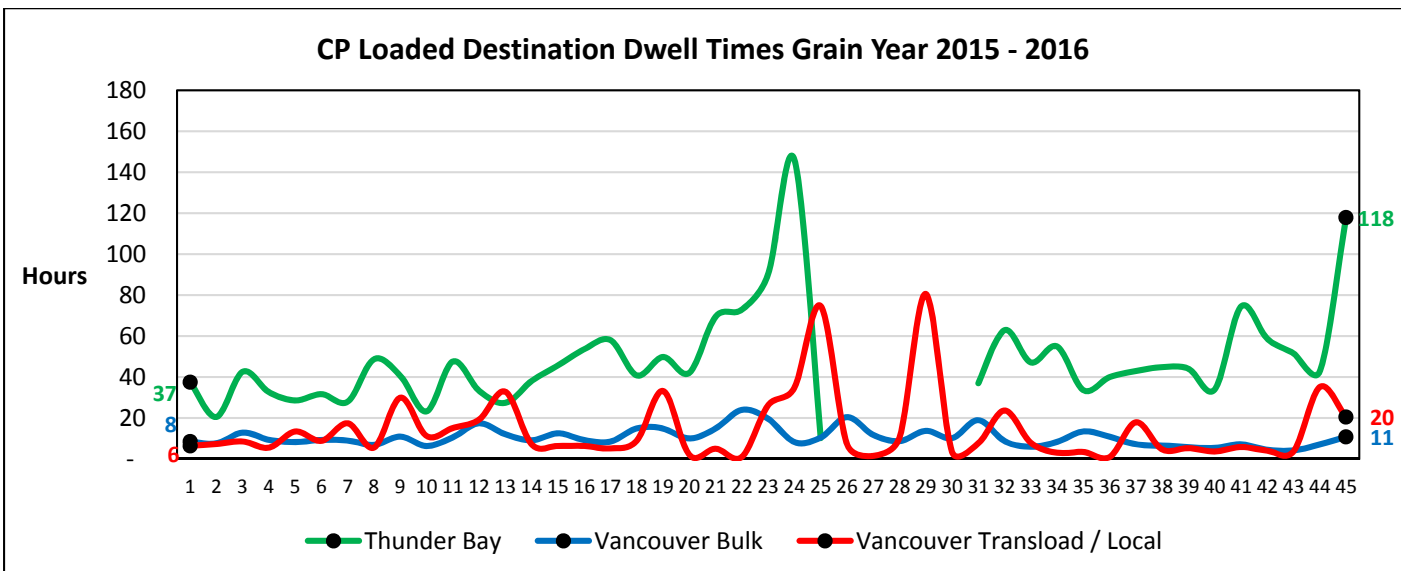
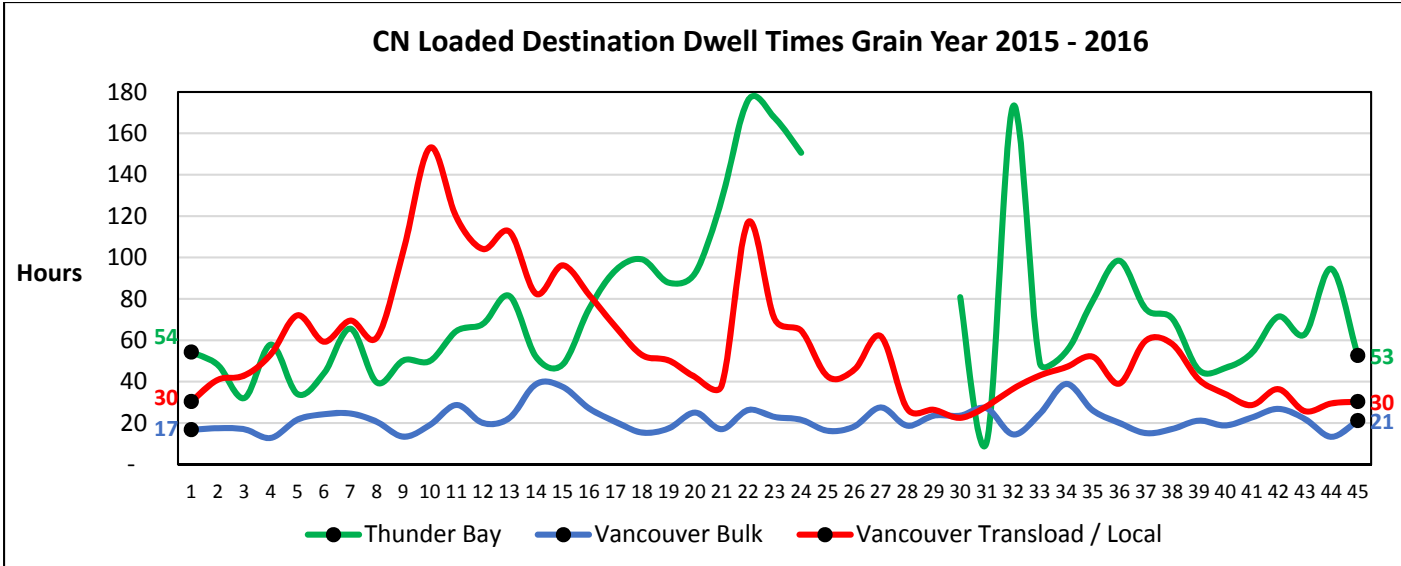
Destination terminal dwell time measures the elapsed time from the time a railcar arrives at the destination railway yard to the time it is placed at the receiver’s facility for unloading. Average performance in this area will vary depending on the nature of the shipment.

Traffic destined to the bulk port terminal at Vancouver for instance is generally placed for unloading on arrival at Vancouver. In contrast traffic destined to transloaders in Vancouver is ordered in by receivers on a car by car basis.

Dwell time ends with the reporting of an actual placement event at the receiver’s facility. The beginning of the dwell measure is initiated by either an arrival at the destination terminal or the constructive placement of a car at the terminal by the railway.

This is not a measure of unloading performance by receivers.





Port Terminal – Out of Car Time

This measure identifies the percentage of working time that bulk grain port terminals do not have rail cars available for unloading due to railway service failures resulting in lost productivity. This performance measure is provided for the five major terminals located at Vancouver and Ridley Terminals at Prince Rupert.

Vancouver performance is segregated between north shore and south shore terminals as each is served exclusively by one railway - CN (north shore) or CP (south shore).

