

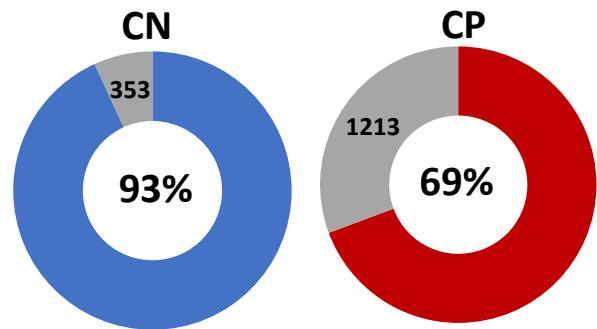
Performance Dashboard

Timeliness of Weekly Car Supply

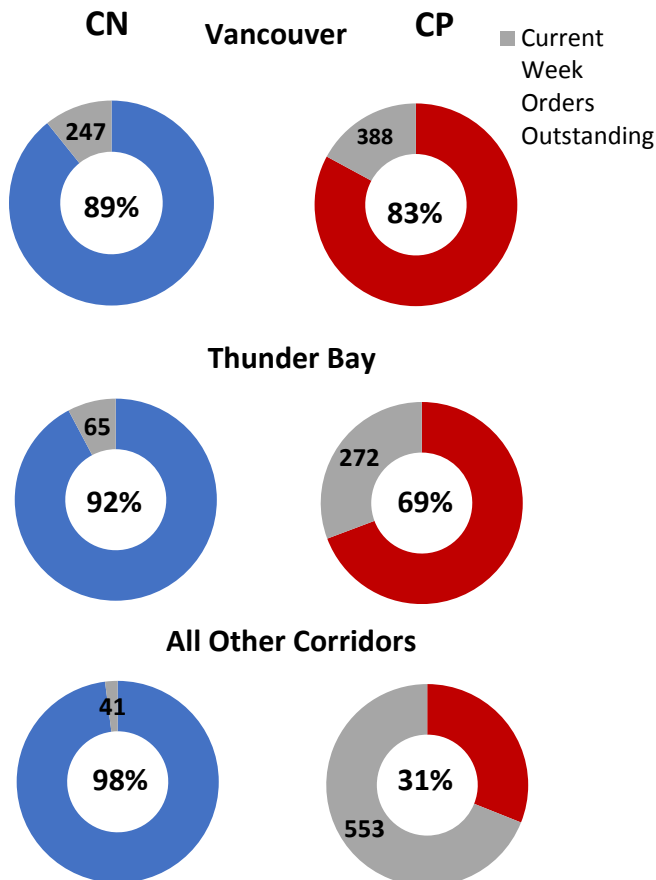
The delivery of railcars in a timely fashion is essential to ensure grain shippers can meet the demand of their domestic and international customers and plan logistics activities from country elevators and processing plants through to terminal and vessel operations. When railway car orders are not supplied 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	5,183	3,955
<u>Current Week Order Fulfillment</u>		
Supplied for Want Week	4,830	2,742
Current Week Unfulfilled Demand	(353)	(1,213)
% Current Week Orders Supplied	93%	69%

Percent of Orders Supplied for Want Week



Corridor Performance



The railways supplied 83% of total hopper car demand for Grain Week 11. Of the cars supplied, 7% were supplied to shippers in the prior week. This results in unfulfilled demand for Grain Week 11 of 1,566 orders.

CN's performance was better than CP's in both the Thunder Bay and Vancouver corridors. CN fulfilled 89% and 92% of demand in the Vancouver and Thunder Bay corridors as compared to CP which met 83% and 69% of shipper demand for each of these corridors. Demand was comparable for the two railways in each of these corridors.

CN's superior performance in corridors outside of Vancouver and Thunder reflects superior performance to CP in all non-bulk corridors driven in large part by 98% fulfillment of demand for cars in the Prince Rupert and Churchill corridors.

CN spotted 4,621 hopper cars and CP spotted 3,359 hopper cars in the country in Grain Week 11 for a total supply of 7,980 cars – this included 914 cars that had been ordered for other weeks.

Current Week Railway Order Fulfillment

- CN and CP supplied 7,572 (83%) of the 9,138 hopper cars ordered for delivery in Grain Week 11 resulting in 1,566 hopper car orders remaining outstanding. Of the cars supplied, 506 (7%) were supplied to shippers in the prior week.
- CP supplied 69% and CN 93% of orders for Grain Week 11 resulting in 1,213 outstanding orders for CP and 353 outstanding orders for CN.
- Boxcar shippers received 71% of orders in Grain Week 11.

Corridor Performance

- In Grain Week 11 traffic destined to bulk terminals in Western Canada received a higher percentage (87%) of cars than other corridors. By comparison, non-bulk corridors including the USA/Mexico, Vancouver transload and Canadian domestic corridors received 60% of cars ordered for delivery in Grain Week 11.
- In Grain Week 11 CP supplied 31% of orders for non-bulk corridors as compared to CN which supplied 97% of orders in these corridors.

Railway Dwell Times at Country Origins

- In Grain Week 11, CN's loaded dwell times for multicar block traffic at country origin locations averaged 12 hours while CP's loaded dwell times averaged 78 hours.
 - In the crop year to date, 22% of all bulk 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 51% of shipments were picked up within 24 hours.

Railway Dwell Times at Destination Terminals

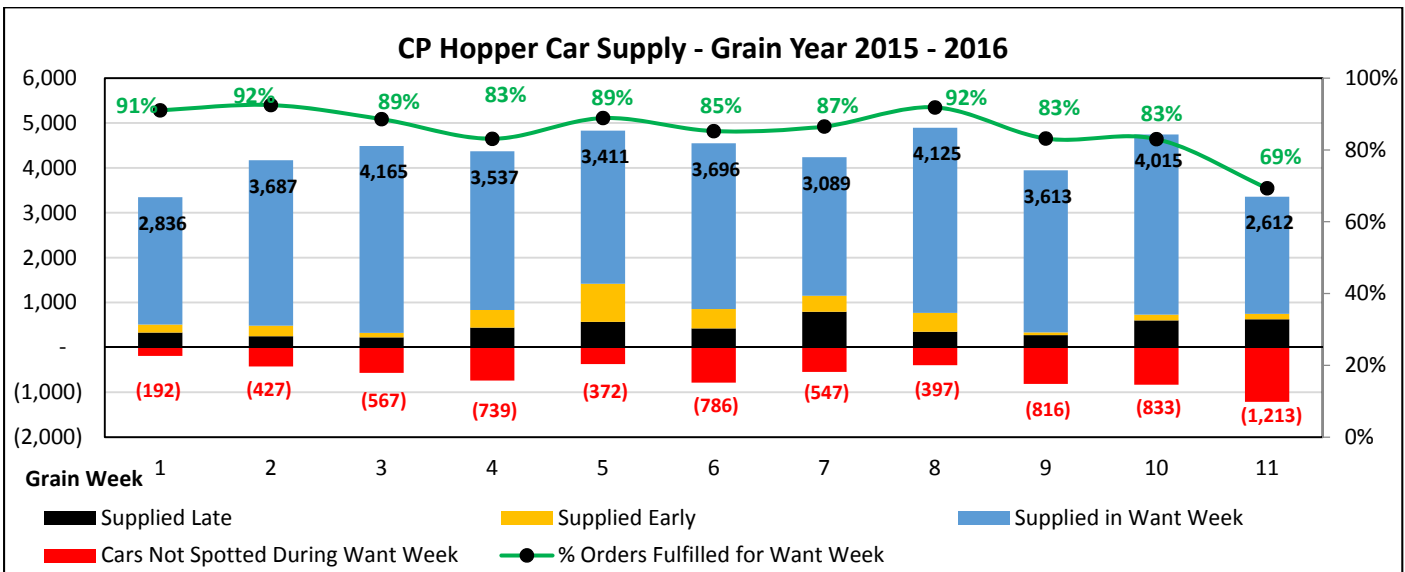
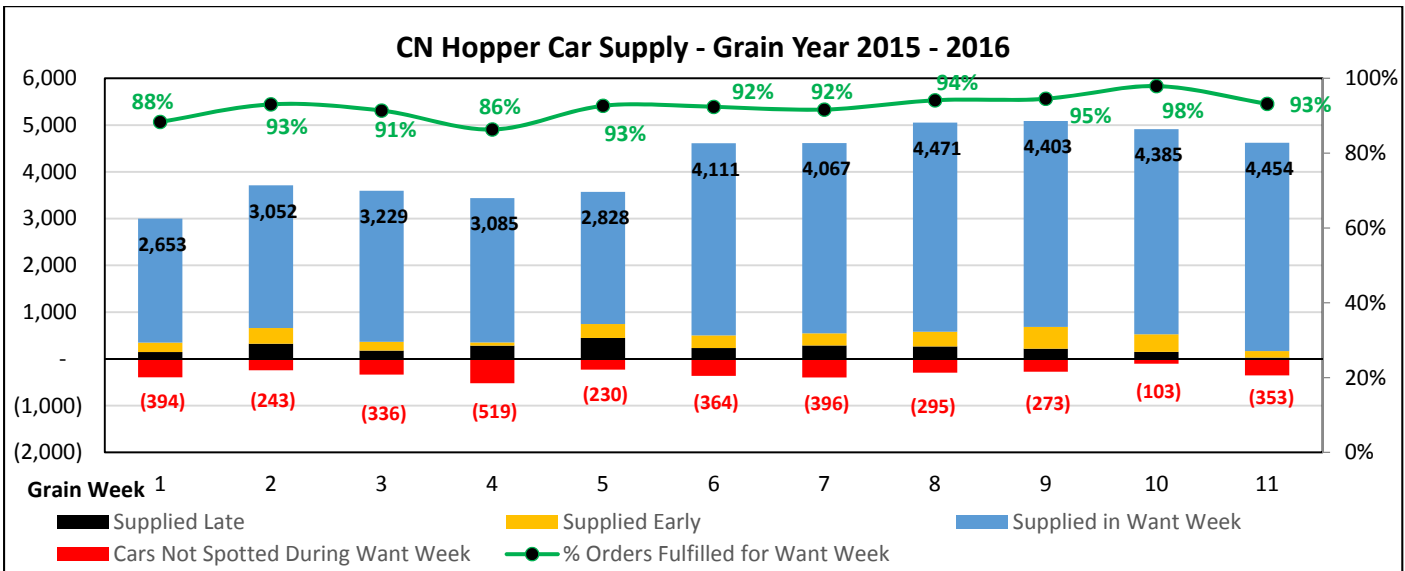
- CN: Thunder Bay (65 hours), Vancouver bulk (29 hours) and Vancouver transload/local (125 hours)
- CP : Thunder Bay (48 hours), Vancouver bulk (11 hours) and Vancouver transload/local (15 hours)

Port Terminal Out of Car Time

- Vancouver north shore (8%); weekly average YTD (12%)
- Vancouver south shore (11%); weekly average YTD (14%)
- Prince Rupert (0%); weekly average YTD (1%)

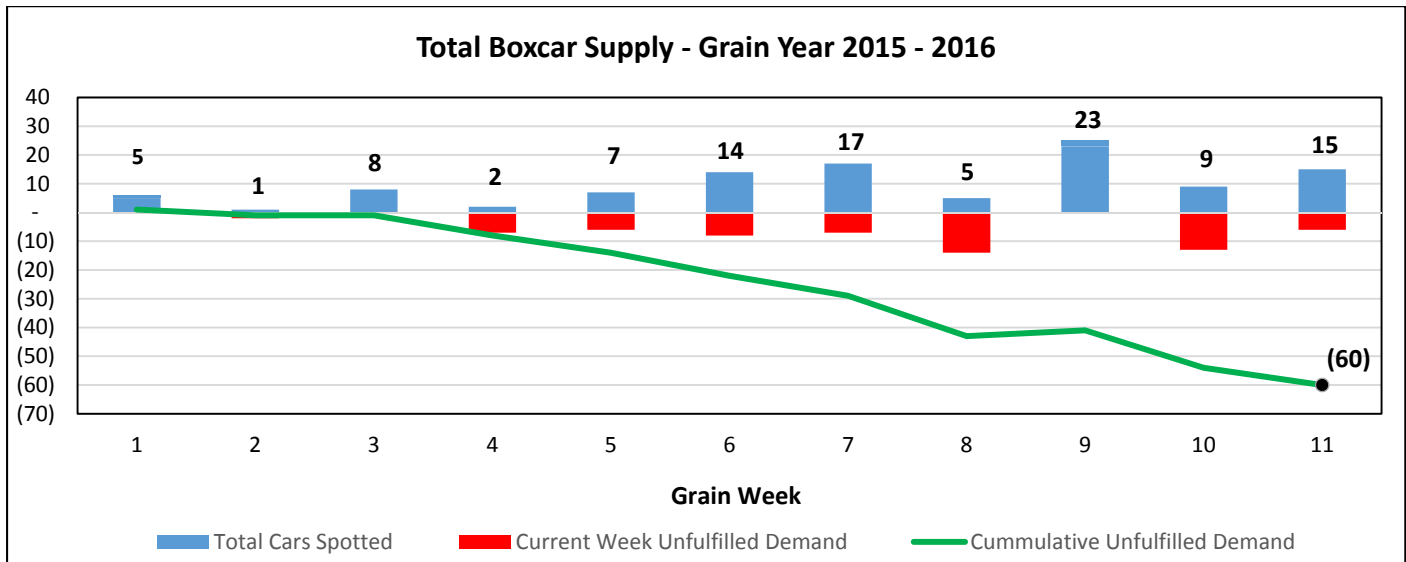
Railway Car Supply Performance for current grain year as of Grain Week 11 (CY 2015)

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	47,347	46,243	(1,104)	4,304	3,986	216	4,202	(319)
	CP	49,279	46,784	(2,495)	4,480	3,844	423	4,267	(636)
		96,626	93,027	(3,599)	8,784	7,830	639	8,469	(954)
Boxcars	CN + CP	166	106	(60)	15	10	-	10	(5)

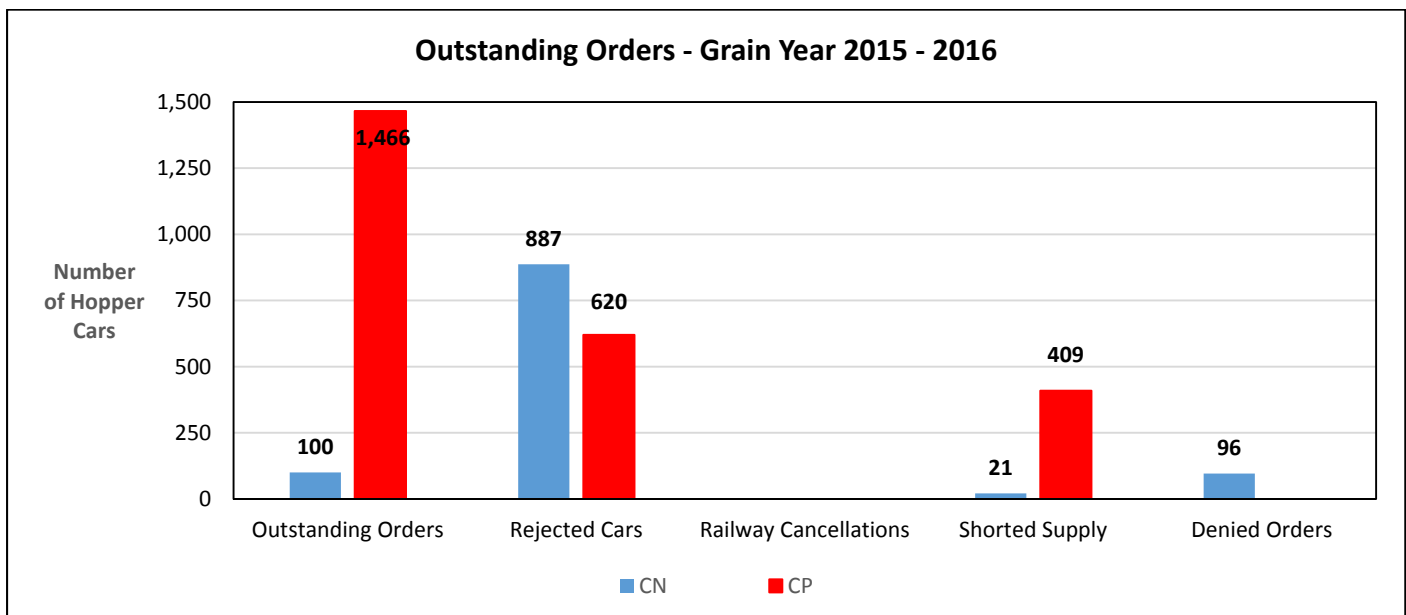


The calculation of total unfulfilled demand for hopper cars represents the accumulated difference across all grain weeks in the year between the number of cars ordered by shippers and the number of cars supplied by the railway for those orders. This total unfulfilled demand therefore represents the volume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

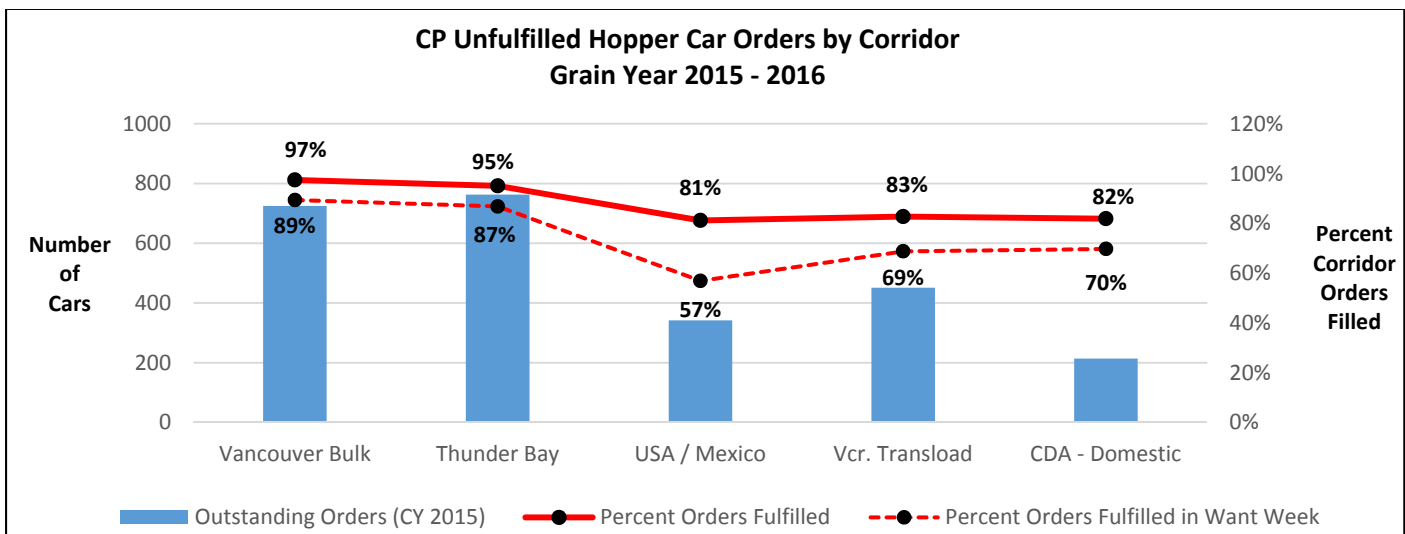
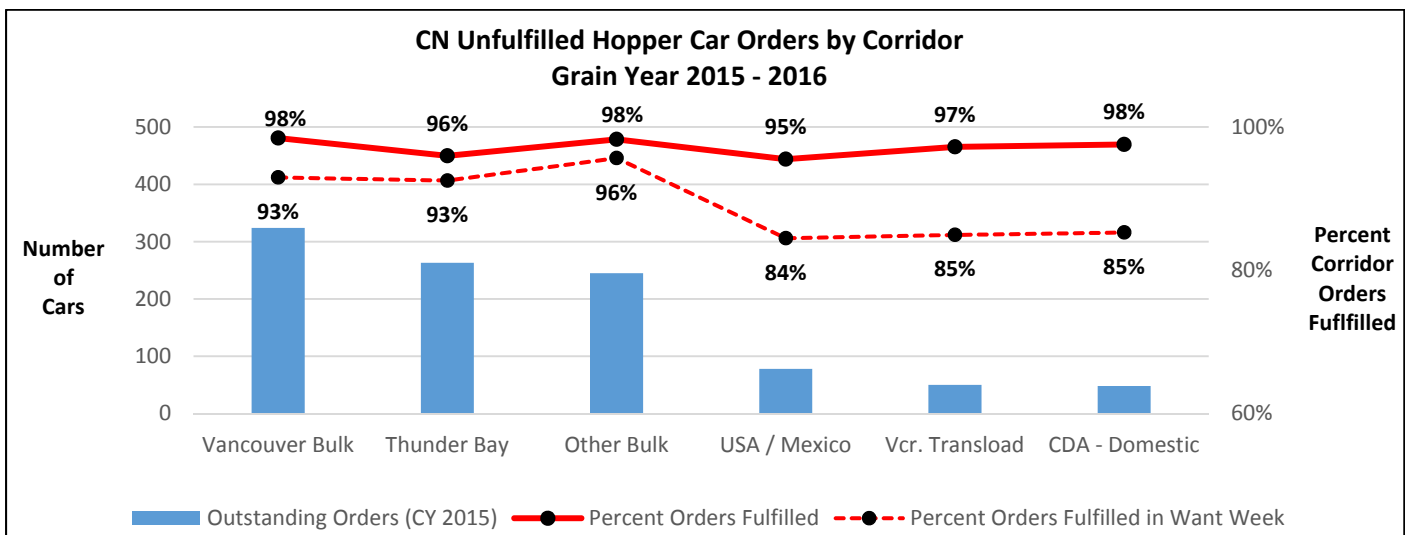


The calculation of outstanding orders excludes all unfulfilled orders related to rejected cars, orders denied by the railways, railway cancellations due to railway car ordering thresholds and orders not completely filled (shorted supply). The chart below provides a breakdown of total unfulfilled shipper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



Railway Car Supply Performance by Major Corridor – To Grain Week 11 (CY 2015)

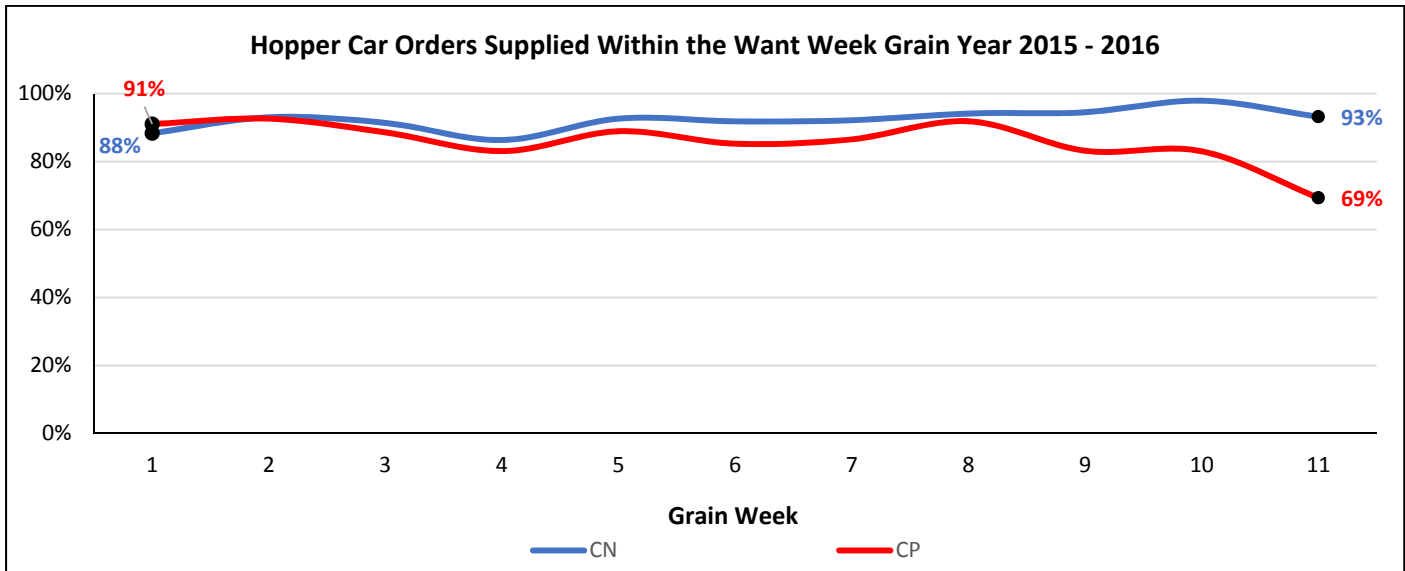
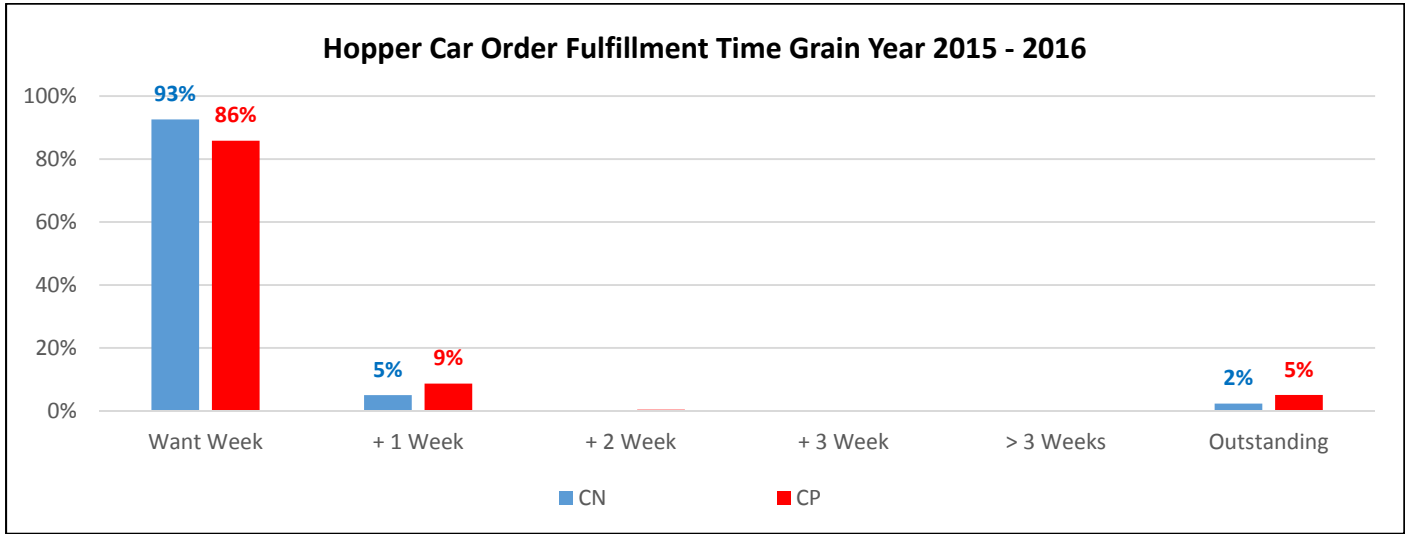
	Cars Supplied			Year to Date Unfulfilled Demand		
	CN	CP	Total	CN	CP	Total
Vancouver Bulk	20,648	27,636	48,284	(324)	(725)	(1,049)
Thunder Bay	6,272	14,555	20,827	(263)	(763)	(1,026)
Other Bulk	13,995	-	13,995	(245)	-	(245)
USA / Mexico	1,655	1,471	3,126	(78)	(342)	(420)
Vancouver Transload	1,757	2,156	3,913	(50)	(451)	(501)
Canada - Domestic	1,916	966	2,882	(48)	(214)	(262)
	46,243	46,784	93,027	(1,008)	(2,495)	(3,503)



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	93%	5%	-	-	-	2%
CP	86%	9%	-	-	-	5%
Total	90%	7%	-	-	-	4%

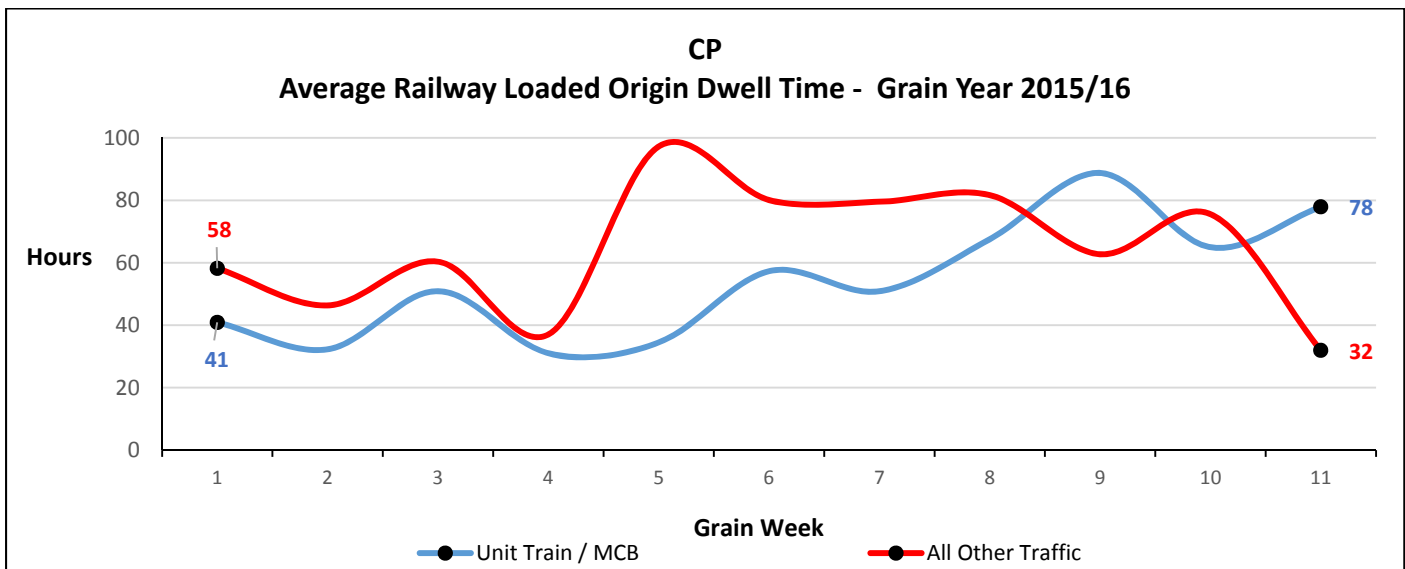
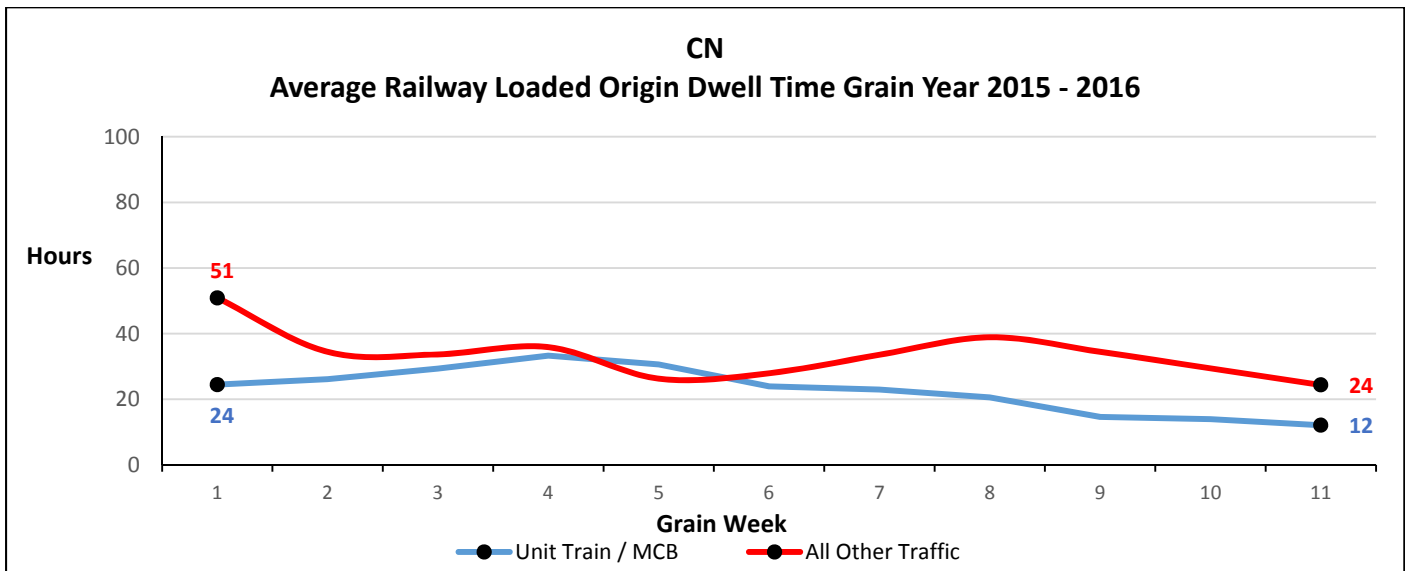


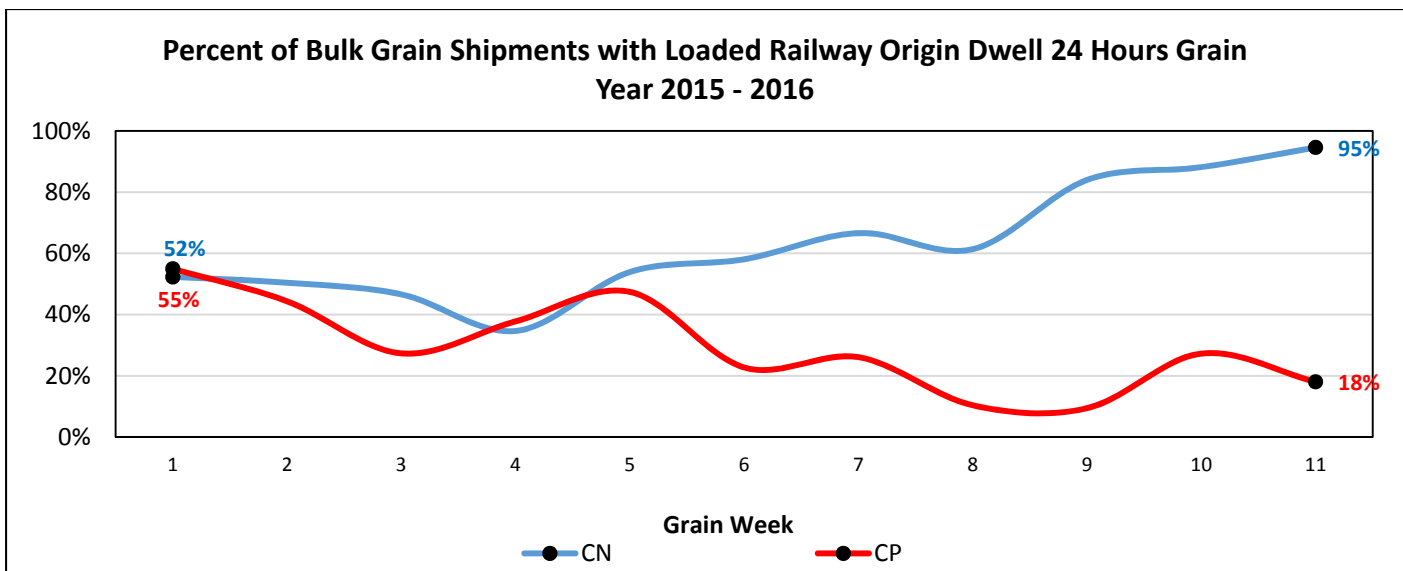
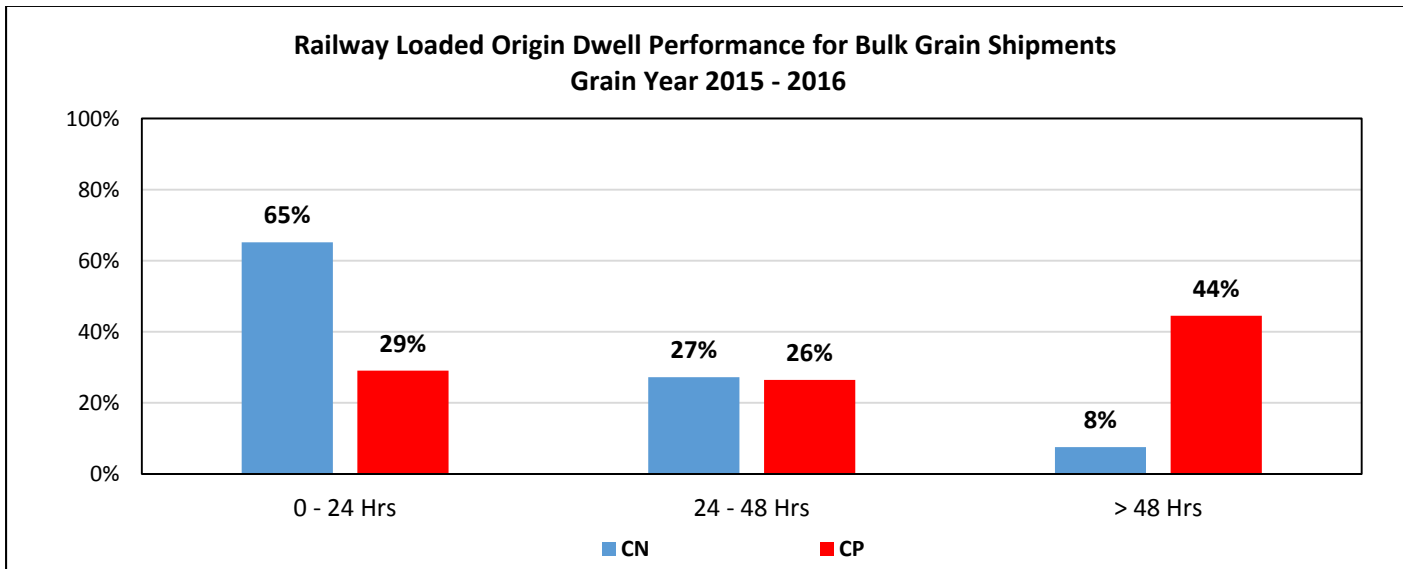
Origin Dwell Performance

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 bulk grain shippers loading unit trains and multi-car blocks 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 bulk grain shippers loading less than multi-car blocks 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 large multi-car block shippers. 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.





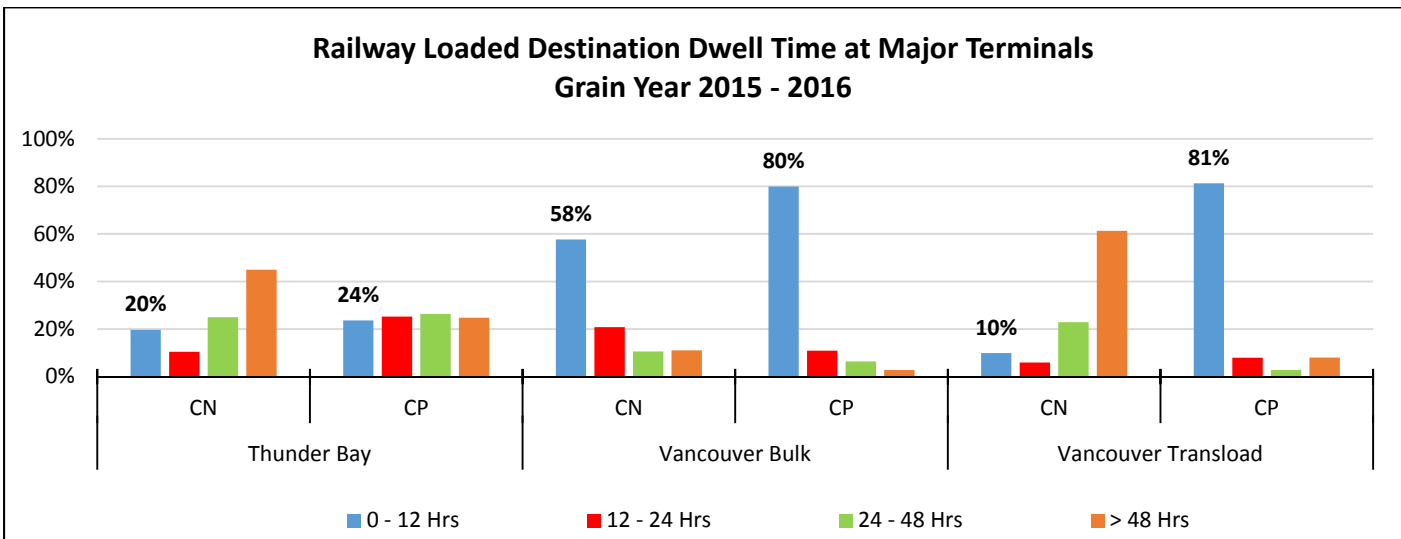
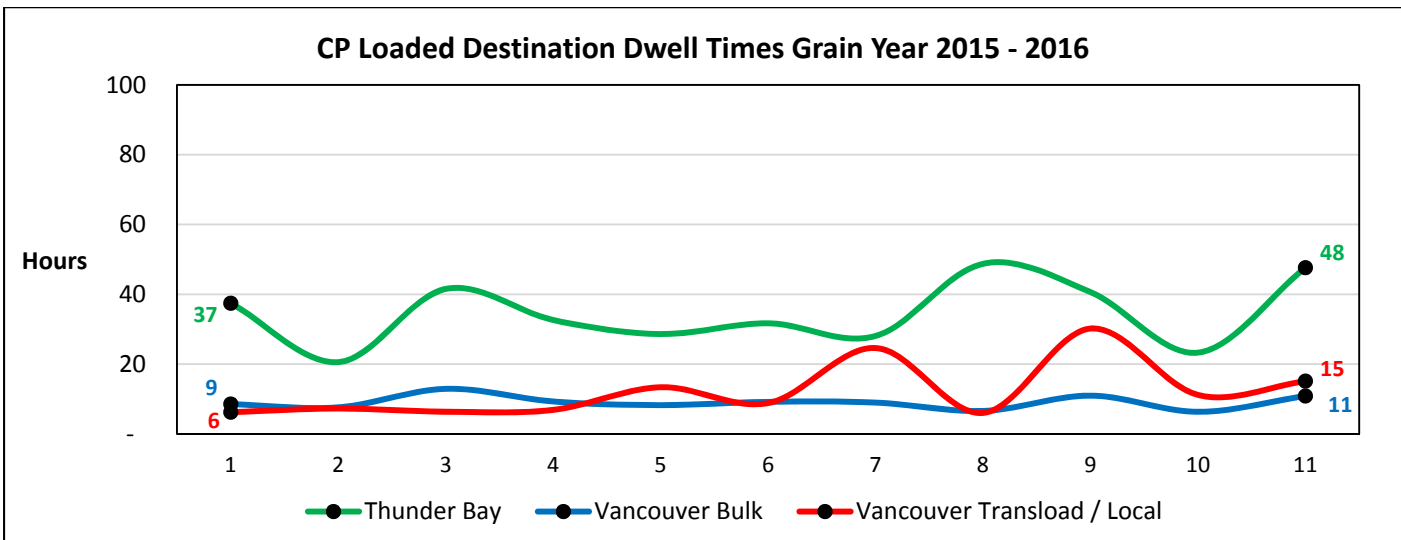
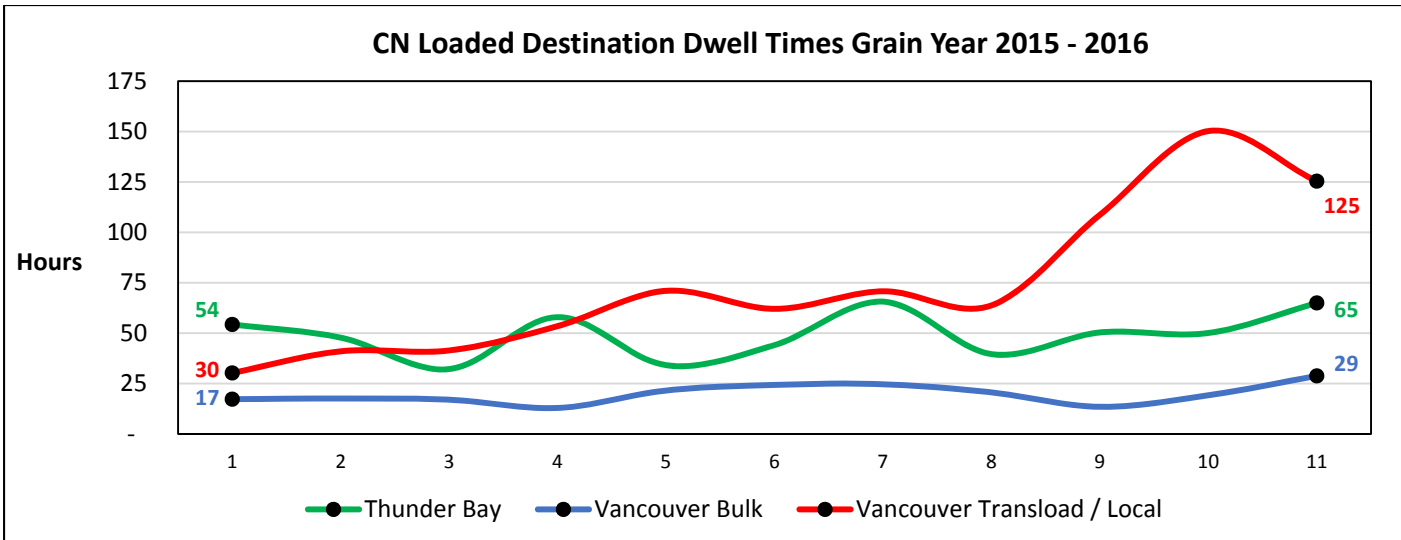
Railway Destination Terminal Dwell Performance

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 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). The reporting of performance begins with grain week 18 of the current crop year as this is the point in time when all Vancouver terminals began reporting data.

