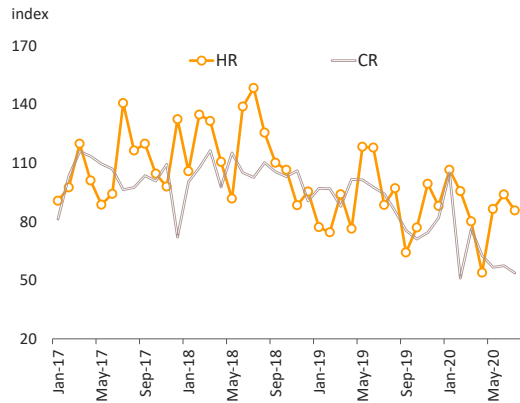
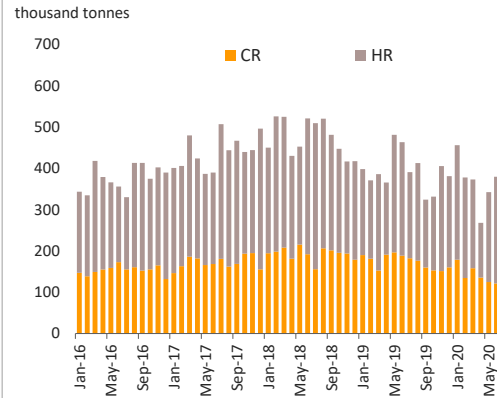


HR & CR Steel MPI



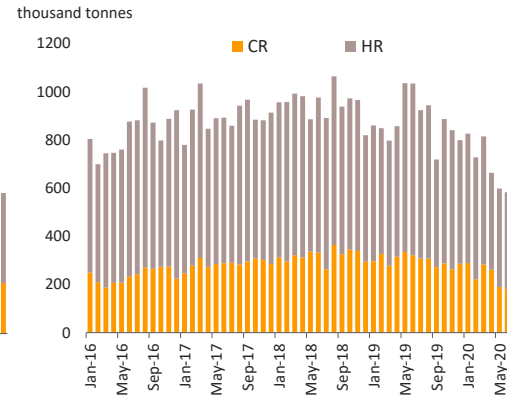
Source: OIE

HR & CR Production

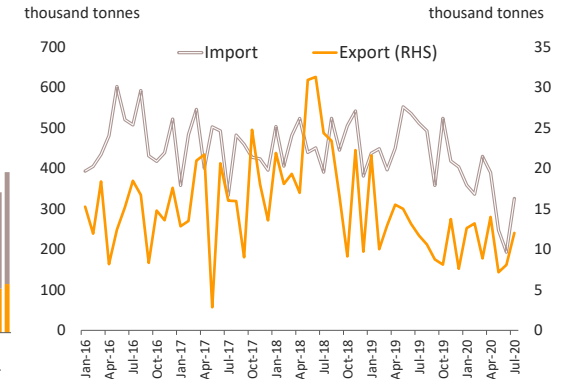


Note: CR steel sheet is products from HR, so CR demand is repeated calculation.
Source: ISIT

HR & CR Domestic Demand

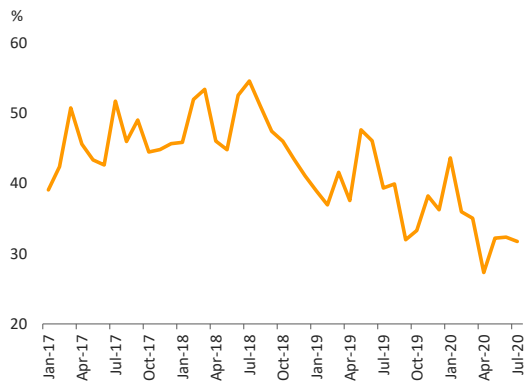


Thai HR & CR Exports and Imports



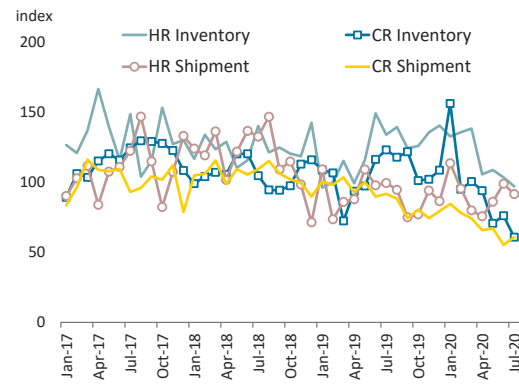
Capacity Utilization

HR & CR Steel



Source: OIE

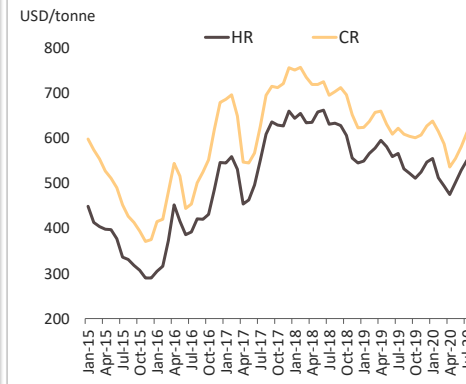
Thai HR & CR Inventory & Shipment Index



Source: OIE

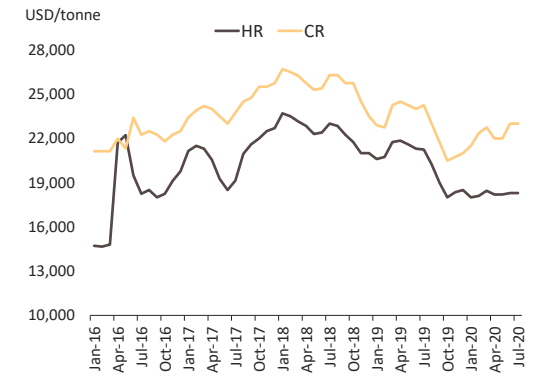
Global and Domestic Steel Prices

Global HR & CR Steel Prices



Source: Bloomberg

Domestic HR & CR Steel Prices



Source: ISIT

Hot & Cold Rolled Steel Sheet (เหล็กแผ่นรีดร้อนรีดเย็น)

HR & CR Production

	(thousand tonnes)		
	2018	2019	2020
Jan	449.8	397.9	455.8
Feb	525.5	370.8	377.6
Mar	524.5	385.7	372.9
Apr	429.9	365.6	267.8
May	452.4	481.0	342.0
Jun	520.6	463.1	379.6
Jul	509.2	390.8	340.2
Aug	520.0	412.6	
Sep	480.8	324.0	
Oct	447.2	331.4	
Nov	416.4	405.2	
Dec	417.1	380.8	
Total	5,693.3	4,708.9	2,536.0

Source: ISIT

HR Demand

	(thousand tonnes)		
	2018	2019	2020
Jan	645.1	563.9	537.0
Feb	661.3	522.5	506.0
Mar	670.6	519.9	531.2
Apr	668.8	541.6	401.6
May	548.8	701.1	407.8
Jun	643.2	712.1	399.1
Jul	627.6	615.3	464.3
Aug	699.8	636.0	
Sep	612.5	447.0	
Oct	627.8	599.2	
Nov	626.4	577.0	
Dec	524.2	513.1	
Total	7,556.1	6,948.7	3,247.0

CR Demand

	(thousand tonnes)		
	2018	2019	2020
Jan	311.0	296.1	288.9
Feb	295.7	326.1	221.7
Mar	321.0	277.3	283.0
Apr	312.5	315.1	261.8
May	336.8	334.3	190.0
Jun	332.4	321.4	183.1
Jul	262.9	307.9	201.8
Aug	363.9	307.7	
Sep	325.6	271.4	
Oct	344.3	287.3	
Nov	338.9	262.8	
Dec	294.6	285.7	
Total	3,839.7	3,593.3	1,630.3

Thai HR & CR Exports and Imports

HR & CR Import

	(thousand tonnes)		
	2018	2019	2020
Jan	503.2	437.2	358.8
Feb	405.6	448.3	336.1
Mar	481.0	396.5	429.6
Apr	523.2	449.9	389.6
May	439.6	551.8	247.4
Jun	450.4	535.5	193.1
Jul	390.6	511.8	325.8
Aug	523.4	492.5	
Sep	445.3	358.2	
Oct	505.7	523.3	
Nov	541.7	418.0	
Dec	381.3	403.4	
Total	5,591.1	5,526.2	2,280.4

Source: ISIT

HR & CR Export

	(thousand tonnes)		
	2018	2019	2020
Jan	21.9	21.6	12.6
Feb	18.1	10.0	13.2
Mar	19.3	13.0	8.9
Apr	17.0	15.5	14.0
May	30.9	15.0	7.2
Jun	31.3	13.2	8.1
Jul	24.4	11.7	12.0
Aug	23.4	10.6	
Sep	16.5	8.8	
Oct	9.1	8.1	
Nov	22.3	13.7	
Dec	9.7	7.6	
Total	243.9	148.8	76.0

HR & CR MPI & Capacity Utilization

MPI

	2018	2019	Jan-Jul	
			2017	2018
HR	115.7	89.4	92.4	86.0
CR	105.0	88.8	96.7	66.1

Capacity Utilization (%)

	2018	2019	Jan-Jul	
			2017	2018
HR & CR	48.2	39.0	41.1	34.0

Source: OIE

Thai HR & CR Inventory & Shipment Index

Inventory Index

	2018	2019	Jan-Jul	
			2019	2020
HR	124.5	122.7	115.4	117.2
CR	106.2	105.6	102.4	60.6

Shipment Index

	2018	2019	Jan-Jul	
			2019	2020
HR	117.5	90.7	94.5	91.4
CR	105.0	89.3	96.5	69.3

Source: OIE

HR Steel Prices

Global Price (USD/tonne)

	2018	2019	2020
Jan	644	549	555
Feb	655	566	512
Mar	634	578	494
Apr	635	595	475
May	658	581	502
Jun	662	559	529
Jul	631	566	551
Aug	633	532	
Sep	628	522	
Oct	606	511	
Nov	556	525	
Dec	545	547	
Avg	624	553	517

Source: Bloomberg

Domestic Price (THB/tonne)

	2018	2019	2020
Jan	23,700	20,600	18,000
Feb	23,500	20,750	18,100
Mar	23,150	21,750	18,450
Apr	22,850	21,850	18,200
May	22,300	21,600	18,200
Jun	22,400	21,300	18,300
Jul	23,000	21,250	18,300
Aug	22,850	20,250	
Sep	22,250	19,000	
Oct	21,750	18,000	
Nov	21,000	18,350	
Dec	21,000	18,500	
Avg	22,479	20,267	18,221

Source: ISIT