

Thailand steel industry structure 2019

Steelmaking	Finishing & Coating			Forming & Fabrication	End Users																																																																																											
Long Product																																																																																																
Melting&Casting EAF ~ 15 Mills <ul style="list-style-type: none"> Millcon TATA NTS SYS BISW Etc. IF ~ 13 Mills <ul style="list-style-type: none"> SKY Chow Linan SINGHA THAI Etc. Prod : 3 mT (excl. IF) Im : 2.6 mT Oman 29% Russia 18% Iran 17% Ex : 0.1 mT Philippines 79% Taiwan 18% Cambodia 2% Demand: 6 mT	Hot-Forming Bar ~ 34 Mills <ul style="list-style-type: none"> TATA Millcon BISW BSI&RSM Etc. HR section~7 Mills <ul style="list-style-type: none"> SYS (Heavy Section) Triumph ZUBB TATA Etc. Bar & HR Section Prod : 4 mT Im : 0.9 mT Japan 42% China 39% S.Korea 10% Ex : 0.7 mT Malaysia 17% Cambodia 15% Laos 12% Demand: 4.2 mT Piercing Seamless pipe ~2 Mills <ul style="list-style-type: none"> Boly Pipe WSP Pipe Prod : N/A Im : 0.1mT Ex : 0.2 mT	Cold-Forming Cold drawn bar & Steel Wire <table border="1"> <thead> <tr> <th>Low carbon steel</th> <th>High carbon steel</th> <th>Stainless steel</th> </tr> </thead> <tbody> <tr> <td>~ 50 Mills</td> <td>~ 12 Mills</td> <td>~ 10 Mills</td> </tr> <tr> <td>• TYCN</td> <td>• TWP</td> <td>• Menam</td> </tr> <tr> <td>• Kriangkai</td> <td>• Bangkok Steel Wire</td> <td>• Thai Seisen</td> </tr> <tr> <td>• ChiaoPao</td> <td>• Siam Wire</td> <td>• SKJ Metal</td> </tr> <tr> <td>• Bangkok Fastener</td> <td>• Thana Inter</td> <td>• ABP Stainless</td> </tr> <tr> <td>• Etc.</td> <td>• Etc.</td> <td>• Etc.</td> </tr> </tbody> </table> Cold drawn bar Prod : N/A Im : 0.1 mT Japan 22% China 11% Ex : 0.02 mT Myanmar 29% Laos 23% Indonesia 15%	Low carbon steel	High carbon steel	Stainless steel	~ 50 Mills	~ 12 Mills	~ 10 Mills	• TYCN	• TWP	• Menam	• Kriangkai	• Bangkok Steel Wire	• Thai Seisen	• ChiaoPao	• Siam Wire	• SKJ Metal	• Bangkok Fastener	• Thana Inter	• ABP Stainless	• Etc.	• Etc.	• Etc.	Coating <table border="1"> <thead> <tr> <th>Galvanized</th> <th>Bronze coated</th> </tr> </thead> <tbody> <tr> <td>~ 20 Mills</td> <td>~ 2 Mills</td> </tr> <tr> <td>• TWP</td> <td>• Siam Michelin</td> </tr> <tr> <td>• Sin Thani</td> <td>• Rayong Wire</td> </tr> <tr> <td>• Etc.</td> <td></td> </tr> </tbody> </table> Prod : N/A Im : 0.04 mT China 77% Malaysia 13% S.Korea 6% Ex : 0.02 mT Singapore 16% Indonesia 15% India 10%	Galvanized	Bronze coated	~ 20 Mills	~ 2 Mills	• TWP	• Siam Michelin	• Sin Thani	• Rayong Wire	• Etc.		> 1,000 Mills <ul style="list-style-type: none"> Roll forming Machining Bending Cutting Welding Forging Heat Treatment Etc. 	Construction 60.63% Automobiles and parts 20.27% Electrical Appliances 7.53% Machinery and Industrial Products 5.94%																																																												
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Flat Products Melting&Casting EAF ~ 2 Mills <ul style="list-style-type: none"> G Steel GJS Prod : N/A mT Im : 1.5 mT Russia 35% Japan 32% Ukraine 16% Ex : 0.001 T Myanmar 99% Laos 1%	Hot-Forming HRC ~ 4 Mills <ul style="list-style-type: none"> G Steel GJ Steel SSI Prime steel Prod : 3 mT Im : 1.7 mT Japan 58% S.korea 12% Vietnam 7% Ex : 0.01 T Myanmar 38% Laos 29% Vietnam 11% Demand: 4.7 mT HRP ~ 2 Mills <ul style="list-style-type: none"> SPM LPN Prod : 0.1 mT Im : 0.5 mT China 45% Japan 27% Indonesia 12% Ex : 0.003 mT Singapore 23% India 20% Laos 12% Demand: 0.6 mT	Cold-Forming <table border="1"> <thead> <tr> <th>CR-Sheet Steel</th> <th>CF-Sections</th> <th>Welded Pipe</th> </tr> </thead> <tbody> <tr> <td>~ 4 Mills</td> <td>~ N/A Mills</td> <td>~ N/A Mills</td> </tr> <tr> <td>• NS-SUS</td> <td>• Neastern</td> <td>• Cotco</td> </tr> <tr> <td>• TCRSS</td> <td>• T.S.K.</td> <td>• Pacific</td> </tr> <tr> <td>• NS BlueScope</td> <td>• Millcon</td> <td>• Saha-Thai</td> </tr> <tr> <td>• Starcore</td> <td>• SteeleX</td> <td>• Samchai</td> </tr> <tr> <td></td> <td>• Etc.</td> <td>• Etc.</td> </tr> </tbody> </table> CR-Sheet Stainless Steel • POSCO-Thainox Prod : 2 mT Im : 1.7 mT Japan 49% S.Korea 36% China 6% Ex : 0.1 mT USA 29% Belgium 12% S.Korea 19% Demand: 3.6 mT	CR-Sheet Steel	CF-Sections	Welded Pipe	~ 4 Mills	~ N/A Mills	~ N/A Mills	• NS-SUS	• Neastern	• Cotco	• TCRSS	• T.S.K.	• Pacific	• NS BlueScope	• Millcon	• Saha-Thai	• Starcore	• SteeleX	• Samchai		• Etc.	• Etc.	Coating <table border="1"> <thead> <tr> <th>GI</th> <th>GA</th> <th>Zn-Al-Mg</th> <th>EG</th> <th>TP/TF</th> </tr> </thead> <tbody> <tr> <td>~ 8 Mills</td> <td>~ 3 Mills</td> <td>~ 1 Mills</td> <td>~1 Mills</td> <td>~ 2 Mills</td> </tr> <tr> <td>• TIW</td> <td>• NS-SUS</td> <td>• NS BlueScope</td> <td>• TCS</td> <td>• TTP</td> </tr> <tr> <td>• BSI & RSM</td> <td>• JSGT</td> <td>• RSM</td> <td></td> <td>• STP</td> </tr> <tr> <td>• Posco -Tcs</td> <td>• POSCO-TCS</td> <td>• Al-Zn</td> <td></td> <td></td> </tr> <tr> <td>• Sangkasi Thai</td> <td></td> <td>~ 2 Mills</td> <td></td> <td></td> </tr> <tr> <td>• Etc.</td> <td></td> <td>• NS BlueScope</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>• RSM</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>• Prepainted</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>~ 4 Mills</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>• NS BlueScope</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>• BSI</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>• Dongbu-Thai</td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>• PCM</td> <td></td> <td></td> </tr> </tbody> </table> Prod : 0.3 mT Im : 1.5 mT China 74% Japan 12% S.korea 8% Ex : 0.06 mT Laos 23% Vietnam 12% Myanmar 15% Demand: 1.7 mT	GI	GA	Zn-Al-Mg	EG	TP/TF	~ 8 Mills	~ 3 Mills	~ 1 Mills	~1 Mills	~ 2 Mills	• TIW	• NS-SUS	• NS BlueScope	• TCS	• TTP	• BSI & RSM	• JSGT	• RSM		• STP	• Posco -Tcs	• POSCO-TCS	• Al-Zn			• Sangkasi Thai		~ 2 Mills			• Etc.		• NS BlueScope					• RSM					• Prepainted					~ 4 Mills					• NS BlueScope					• BSI					• Dongbu-Thai					• PCM			Prod : 1 mT Im : 0.2 mT Japan 59% China 13% S.korea 16% Ex : 0.03 mT Japan 11% China 12% S.korea 18% Demand: 1 mT Prod : N/A Im : 0.01 mT Japan 98% China 2% Ex : 0.001 mT Myanmar 93% Laos 3% Maldives 3%	Packaging 4.64% Other 0.99%
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