

# **CHAPTER-11**

## **INDUSTRY**

## INDUSTRY IN ASSAM

### AT A GLANCE, 2016-17

No. of Factories (as per ASI 2014-15 results)	3717
Working Capital (Rs. in lakh) (as per ASI 2014-15 results)	1113789
Net Income (Rs. in lakh) (as per ASI 2014-15 results)	743312
Total Persons engaged (Employees, workers etc.) (as per ASI 2014-15 results)	195567
Production of:	
(a) Fertilizer (P) ('000 tonne)	498
(b) Jute ('000 tonne)	28
(c) Petroleum Crude ('000 tonne)	4202
(d) Coal ('000 tonne)	600
(e) Cement ('000 tonne)	1162.1
Index No. of Industrial Production (Base: 2004-05=100)	134.09
Registered MSME units (nos.)	2177
Workers in MSME units (nos.)	19355
Area under Industrial Estate (in Sq. mtr)	1283525.40
Unit functioning (nos.)	299
Area under Industrial Area (in Sq. mtr)	3118671.48
Unit functioning (nos.)	232
No. of Registered Factories, (As per NIC, 2008), 2016	6158
Workers in the Factories, (nos.) 2016	243821

ASI- Annual Survey of Industries

Table 11.2- Index of Industrial Production in Assam during 2010-11 to 2015-16 (Base: 2004-05=100)

NIC 2004	Industry Division	2010-11	2011-12	2012-13	2013-14	2014-15	2015-16
15	Manufacturing of food products & beverages.	115.47	117.47	136.70	146.37	143.76	151.43
16	Manufacturing of tobacco products	155.81	176.66	193.53	204.25	224.58	235.93
17	Manufacturing of Textiles	152.17	158.59	178.21	195.52	186.17	203.00
21	Manufacturing of Paper & paper products	115.56	117.84	135.63	154.99	151.21	154.90
22	Publishing, Printing & reproduction of recorded media.	216.25	221.94	254.69	289.20	289.60	312.00
23	Manufacturing of Coke, Refined Petroleum products & Nuclear fuel.	149.01	166.56	161.95	163.29	163.23	144.35
24	Manufacturing of Chemical & Chemical products.	174.94	178.52	217.53	236.44	237.27	254.80
25	Manufacturing of Rubber & Plastic products	187.38	188.65	211.37	226.86	231.46	250.33
26	Manufacturing of other non-metallic mineral products.	140.54	146.30	175.88	187.43	191.71	208.02
27	Manufacturing of basic metals.	146.00	148.99	196.32	190.80	190.73	197.93
28	Manufacturing of fabricated metal products, except machinery & equipments.	155.97	171.01	208.45	252.67	243.56	268.14
29	Manufacturing of machinery & equipments N.E.C.	191.23	202.03	258.55	291.36	284.08	313.46
31	Manufacturing of electrical machinery and apparatus N.E.C.	215.41	236.24	256.36	274.55	261.54	271.87
32	Manufacturing of radio, television and communication equipments and apparatus	121.18	126.48	134.61	142.25	129.43	131.40
33	Manufacturing of medical, precision and optical instruments, watches and clocks	134.83	143.22	164.86	195.06	203.45	217.76
34	Manufacturing of motor vehicles, trailers and semi-trailers	129.68	133.55	223.66	225.81	209.25	214.84
36	Manufacturing of furniture, manufacturing N.E.C.	129.93	134.58	156.95	179.55	184.70	191.13
	Total Manufacturing	148.17	159.67	170.48	178.13	178.37	174.27
10-14	MINING AND QUARRYING	103.08	108.35	105.15	102.48	98.20	98.96
15-36	MANUFACTURING	148.17	159.67	170.48	178.13	178.37	174.27
40	ELECTRICITY	126.83	133.42	123.09	130.79	125.54	128.25
TOTAL		124.58	132.68	135.06	137.69	135.30	134.09

NIC= National Industrial Classification.

Source: Directorate of Economics and Statistics, Assam.

Table 11.3- Production of some selected Industries in Assam during 2015-16 to 2016-17

Industry Products	Year	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Total
Tea (Tonnes)	2015-16	35140	59850	63070	91430	92910	94370	96850	60540	23740	920	570	33560	652950
	2016-17	32380	57860	76040	84990	89080	112220	88350	68200	25350	1310	370	21090	657240
Coal ('000 Tonnes)	2015-16	25	35	10	39	36	52	26	17	26	21	18	92	397
	2016-17	12	17	11	14	17	25	31	54	73	81	109	156	600
Fertilizer (Tonnes)	2015-16	39175	42670	39175	42670	41285	42950	42640	42975	42644	42726	43127	43600	505637
	2016-17(P)	39562	39786	39235	41670	42285	41666	41540	43650	44555	39700	41250	42650	497549
Jute (Tonnes)	2015-16	2018	2143	2267	2293	2167	2322	2275	2314	2362	2317	2380	2379	27237
	2016-17(P)	2055	2254	2150	2360	2257	2122	2320	2295	2266	2450	2460	2688	27677
Petroleum Crude ('000 Tonnes)	2015-16	360	367	351	389	386	394	376	392	401	396	372	329	4513
	2016-17	338	349	341	351	352	339	358	350	362	355	333	374	4202
Wheat Flour ('000 Tonnes)	2015-16	85.3	85.1	86.3	86.3	86.2	87.1	87.2	87.6	87.5	87.4	87.2	87.4	1040.6
	2016-17(P)	67.5	91.5	87.6	71.8	45.9	71.4	57.9	57.6	53.5	83.4	45.8	180.7	914.6
Cement ('000 Tonnes)	2015-16	93.4	95.7	96.7	96.9	98.4	98.6	99.3	99.1	98.7	98.5	96.3	97.6	1169.2
	2016-17(P)	94.7	95.7	94.6	94.9	97.5	98.5	97.8	98.8	97.8	98.5	97.7	95.6	1162.1

Source: (i) Estimated data from registered Selected Industries related to I.I.P. (ii) Data of tea from the Tea Board of India and (iii) Coal & Petroleum Crude from I.B.M., Nagpur.

Table 11.4- Annual Survey of Industries during 2011-12 to 2014-15

Item	Unit	2011-12	2012-13	2013-14	2014-15
1. Factories	Number	3019	3303	3518	3717
2. Fixed Capital	Rs.in Lakh	1515746	1310951	1444632	1616940
3. Physical Working Capital	Rs.in Lakh	670125	616133	691024	965936
4. Working Capital	Rs.in Lakh	474331	588926	713478	1113789
5. Invested Capital	Rs.in Lakh	2185871	1927084	2135656	2582876
6. Outstanding Loan	Rs.in Lakh	533145	440713	621705	701209
7. Total Workers	Number	150065	140896	157687	163348
8. Total Persons Engaged (Workers, Employees etc.)	Number	180531	167835	186483	195567
9. Wages of workers	Rs. in Lakh	92298	95366	133191	123895
10. Total Emoluments	Rs. in Lakh	212530	232203	257679	277732
11. Total Input	Rs. in Lakh	4522147	4243426	4840084	5188761
12. Value of Products & By Products	Rs. in Lakh	4958072	4526780	5437627	5753185
13. Value of Output	Rs. in Lakh	5292766	4985210	5761714	6176083
14. Depreciation	Rs. in Lakh	115831	112554	119875	168710
15. Net Value Added	Rs. in Lakh	654789	629229	801755	818613
16. Net Income	Rs. in Lakh	566700	544538	719383	743312

Source: Ministry of Statistics & Programme Implementation, Govt. of India.

**Table 11.5- Industrial Estates and other infrastructure in Assam, 2016-17**

**(A) Industrial Estate:**

District	Name of Industrial Estate	Total Area (in Sq. Mtr.)	Total No. of Sheds Constructed	No. of Sheds Allotted	Open Area Allotted (in Sq.Mtr.)	No. of Units functioning
Nagaon	Senchowa	28052.82	24	24	9908.15	23
Nalbari	Nalbari	48716.30	25	24	23975.01	10
Bongaigaon	New Bongaigaon	38810.41	35	35	27786.33	43
Lakhimpur	Rajabari, Bihpuria	46821.60	6	2	0	2
Karimganj	Badarpurghat	29512.47	28	28	92.90	17
Morigaon	Dolbari	11596.11	0	0	10087.76	1
Karbi-Anglong	Bokajan	80266.00	6	6	0	6
Karbi-Anglong	Hamren	20066.00	4	0	0	0
Baksa	Bennibari	129707.56	6	6	4864.83	7
Tinsukia	Tinsukia (Borguri)	149566.00	50	50	62267.39	44
Tinsukia	Ulup pathar, Margherita	169735.00	0	0	0	0
Sonitpur	Dhekiajuli	129612.00	30	24	77623.00	8
Jorhat	Cinamora	35049.81	29	29	17519.39	24
Dibrugarh	Lahowal	21939.00	12	12	12818.66	8
Kamrup	Bamunimaidam	76121.00	63	63	26432.15	76
Sivasagar	Sivasagar(Darikapar)	40148.70	26	26	10461.71	25
Chirrang	Bengtolgate	93680.30	0	0	35788.09	0
Chirrang	Amguri	121449.81	0	0	0	0
Barpeta	Tikagaria	6691.45	0	0	0	0
Barpeta	Bichankuchi	3305.66	3	0	0	0
Dima Hasao	Umrangsu	2677.40	8	6	0	5
<b>Total</b>		<b>1283525.40</b>	<b>355</b>	<b>335</b>	<b>319625.37</b>	<b>299</b>

**(B) Industrial Area:**

Dhubri	Gouripur	13592.00	6	1	652.00	14
Golaghat	Jonaki Nagar	72820.00	7	0	21730.00	13
Tinsukia	Buraburi, Sadiya	266667.00	0	0	0	0
Sonitpur	Dolabari	61470.00	8	5	333340.00	14
Sonitpur	Dhekiajuli	604800.00	0	0	0	0
Sonitpur	Kundarbari	158049.00	4	4	230040.00	4
Sonitpur	Gotlong	30732.00	0	0	25971.00	4
Sonitpur	Biswanath Chariali	237003.00	5	5	129449.00	2
Darrang	Mangaldoi	63341.94	20	19	45174.02	14
Darrang	Dalgaon	29323.70	0	0	27985.94	0
Dibrugarh	Beheating	33444.00	12	12	17375.34	14
Kamrup	Kalapahar	14052.00	13	13	7914.00	26
Kamrup	Rani	82974.00	40	29	21691.50	22
Dima Hasao	Umrangsu	1070960.00	0	0	0	0
Cachar	Malinibeel	92304.00	3	3	39044.00	14
Kamrup	Bamunimaidam	160595.00	31	31	25789.00	53
Kamrup	Bonda	32120.00	20	20	7198.00	37
Lakhimpur	Bechagaon	12039.84	0	0	0	-
Goalpara	Kothakuthi Ranjuli	7224.00	0	0	0	0
Tinsukia	Doomdooma	75160.00	1	1	0	1
<b>Total</b>		<b>3118671.48</b>	<b>170</b>	<b>143</b>	<b>933353.80</b>	<b>232</b>

**TABLE 11.04 CONTD...**

**(C) Export Promotion Industrial Park:**

District	Name of Export Promotion Industrial Park	Total Area (in Sq. Mtr.)	Total No. of Sheds Constructed	No. of Sheds Allotted	Open Area Allotted (in Sq.Mtr.)	No. of Units functioning
Kamrup	Amingaon	275586.00	3	3	183966.00	42

**(D) Food Park:**

District	Name of Food Park	Total Area (in Sq. Mtr.)	Total No. of Sheds Constructed	No. of Sheds Allotted	Open Area Allotted (in Sq.Mtr.)	No. of Units functioning
Kamrup	Chhaygaon	160607.00	0	0	78732.00	9
Nalbari	North East Mega Food Park, Nathkuchi	202434.00	2	2	-	2
Tinsukia	Uluppathar Margherita	169962.82	0	0	0	0
<b>Total</b>		<b>533003.82</b>	<b>2</b>	<b>2</b>	<b>78732.00</b>	<b>11</b>

**(E) Integrated Infrastructure Development (IID) Projects:**

District	Name of IID	Total Area (in Sq. Mtr.)	Total No. of Sheds Constructed	No. of Sheds Allotted	Open Area Allotted (in Sq.Mtr.)	No. of Units functioning
Darrang	Dalgaon	140469.00	0	0	103724.00	8
Nagaon	Bhomoraguri, Naltali	164549.00	0	0	69286.00	10
Cachar	Malinibeel	120402.00	0	0	39250.00	13
Dhemaji	Silapathar	81605.00	0	0	5000.00	0
Jorhat	Titabor	160536.00	0	0	13752.00	1
Nalbari	Nalbari, Nathkuchi	245486.00	0	0	223521.00	2
Sivasagar	Demow	123077.00	4	2	24625.00	5
Kokrajhar	Serfanguri	108140.00	0	0	300.00	0
Kamrup	Rangia	162870.00	0	0	143991.00	19
Lakhimpur	Bandardewa	120398.40	4	0	72239.04	3
Tinsukia	Parbotipur	173977.69	3	0	4015.00	0
<b>Total</b>		<b>1601510.09</b>	<b>11</b>	<b>2</b>	<b>699703.04</b>	<b>61</b>

**(F) Mini Industrial Estate:**

District	Name of Mini Industrial Estate	Total Area (in Sq. Mtr.)	Total No. of Sheds Constructed	No. of Sheds Allotted	Open Area Allotted (in Sq.Mtr.)	No. of Units functioning
Dibrugarh	Moran	5334.00	0	0	3734.71	1
Kamrup Metro	Kalapahar	12310.00	43	43	2013.00	34
Dima Hasao	Haflong	4800.00	8	8	0	1
Sonitpur	Biswanath Chariali	18732.00	4	4	15483.26	7
Lakhimpur	North Lakhimpur	3061.29	6	0	0	0
Sivasagar	Sivasagar	1619.00	8	6	0	3
Golaghat	Bokakhat	802.00	8	8	0	8
<b>Total</b>		<b>46658.29</b>	<b>77</b>	<b>69</b>	<b>21230.97</b>	<b>54</b>

Source: Commissionerate of Industries and Commerce, Assam.

**Table 11.6- Registered MSME units, investment in plant and machineries and workers during 2015-16 to 2016-17**

District	Unit Registered during the year 2015-16				Unit Registered during the year 2016-17				Investment in Plant and Machinery (Rs. in Lakh)		No. of Workers	
	Micro	Small	Medium	Total	Micro	Small	Medium	Total	2015-16	2016-17	2015-16	2016-17
Kokrajhar	10	0	0	10	14	2	0	16	66.05	223.22	61	143
Dhubri	29	0	0	29	31	1	0	32	28.47	151.96	192	160
Goalpara	56	3	0	59	58	0	0	58	214.21	69.87	303	274
Barpeta	200	2	0	202	188	7	0	195	382.22	901.95	1411	1128
Morigaon	15	1	0	16	47	2	0	49	478.66	383.57	119	265
Nagaon	79	10	0	89	168	18	1	187	214.49	3826.73	559	1212
Sonitpur	52	7	1	60	92	7	0	99	2341.53	1244.77	576	630
Lakhimpur	32	3	0	35	37	1	0	38	723.13	265.49	357	210
Dhemaji	5	0	0	5	11	5	0	16	13.91	431.53	24	111
Tinsukia	46	10	0	56	61	31	2	94	989.65	3076.00	359	751
Dibrugarh	119	20	0	139	144	156	6	306	1718.30	13229.80	1099	2632
Sivasagar	272	37	4	313	104	43	4	151	3750.33	6336.86	2399	1486
Jorhat	66	4	1	71	67	9	0	76	1011.50	1147.68	472	384
Golaghat	210	20	0	230	56	5	1	62	1855.55	858.82	1823	399
Karbi Anglong	9	4	0	13	27	3	0	30	562.96	262.58	121	194
Dima Hasao	2	0	0	2	0	0	0	0	1.36	0.00	7	0
Cachar	23	4	0	27	23	10	0	33	731.40	1073.37	165	215
Karimganj	42	2	0	44	18	2	0	20	592.31	207.72	203	105
Hailakandi	27	3	0	30	23	0	0	23	1040.89	84.15	151	98
Bongaigaon	29	4	0	33	38	5	0	43	276.73	620.31	324	250
Chirang	49	4	1	54	38	5	0	43	522.57	187.47	350	238
Kamrup	46	12	0	58	188	64	4	256	3244.10	12845.60	877	2915
Kamrup Metro	96	19	0	115	124	48	7	179	3461.09	9942.48	681	2451
Nalbari	126	2	0	128	71	9	0	80	336.23	1642.89	768	514
Baksa	1	0	0	1	4	0	0	4	0.20	9.80	7	22
Darrang	50	4	0	54	59	3	0	62	413.29	422.00	251	399
Udalguri	22	3	0	25	19	5	1	25	626.83	1240.86	189	2169
Assam	1713	178	7	1898	1710	441	26	2177	25597.96	60687.48	13848	19355

Source: Commissionerate of Industries and Commerce, Assam.

**Table 11.7- Growth Centre, Industrial Growth Centre, Plastic Park, Bamboo Park and Tea Park, 2016-17**

**(A) Growth Centre:**

District	Name of Growth Centre	Area (in sq. mtr.)	No. of Sheds Constructed	No. of sheds allotted	Open area allotted (in sq.mtr.)	No. of units functioning
Dhubri	Bilasipara	89.35	6	6	0	0
Lakhimpur	Lilabari	18728.64	6	6	17725.32	4
Karbi-Anglong	Bokulia	803.00	2	2	0	1
Karbi-Anglong	Manja	803.00	2	2	0	0
Karbi-Anglong	Sarihajan	6689.00	4	0	0	0
Chirang	Kharija	7923.00	1	1	0	0
Tinsukia	Talap	360.00	8	8	0	0
Dibrugarh	Duliajan	33444.00	0	0	263279.91	6
Barpeta	Barpeta	33457.00	4	4	1338.29	6
Goalpara	Baladmari	33444.00	5	0	6688.99	1
Dima Hasao	Maibong	13387.00	2	0	0	0
Chirang	Kishan Bazar	7086.43	0	0	4572.49	2
Tinsukia	Bordumsa, Margherita	347.00	10	10	0	10
Karbi Anglong	Diphu	535.00	4	4	0	4
Karbi Anglong	Umlangpher	535.00	4	0	0	0
Karbi Anglong	Hamren	535.00	4	4	0	3
Karbi Anglong	Gurgaon	535.00	4	4	0	2
Karbi Anglong	Sarihanjan	535.00	4	4	0	4
Karbi Anglong	Rajapathar	535.00	4	0	0	0
Karbi Anglong	Langhin	535.00	4	0	0	0
Karbi Anglong	Parokhowa	535.00	4	0	0	0
Sonitpur	Balipara	1210.00	-	-	-	-
<b>Total</b>		<b>162051.42</b>	<b>82</b>	<b>55</b>	<b>293605.00</b>	<b>43</b>

**(B) Industrial Growth Centre:**

District	Name of Industrial Growth Centre:	Total Area (in Sq. Mtr.)	Open Area Allotted (in Sq.Mtr.)	No. of Units functioning
Goalpara	Matia	2236801.00	939076.00	4
Sonitpur	Balipara	164549.40	69286.00	10
Kamrup	Chhaygaon Vill-Chatabari	535316.00	425576.00	31
	Chhaygaon Vill-Jambari	334573.00	248788.00	24
	Patgaon,Rani	21734.00	17317.00	1
<b>Total</b>		<b>3292973.40</b>	<b>1700043.00</b>	<b>70</b>



**TABLE 11.06 CONTD...**

**(C) Plastic Park:**

District	Name of Plastic Park:	Total Area (in Sq. Mtr.)	Total No. of Sheds Constructed	No. of Sheds Allotted	Open Area Allotted (in Sq.Mtr.)	No. of Units functioning
Tinsukia	Plastic Park, Gelapukhuri	668900.00	10	5	34900.00	nil

**(D) Bamboo Park:**

District	Name of Bamboo Park	Total Area (in Sq. Mtr.)	Total No. of Sheds Constructed	No. of Sheds Allotted	Open Area Allotted (in Sq.Mtr.)	No. of Units functioning
Kamrup	Bamboo Technology Park, Chayagaon	80268.00	0	0	0	0

**(E) Tea Park:**

District	Name of Tea Park	Total Area (in Sq. Mtr.)	Total No. of Sheds Constructed	No. of Sheds Allotted	Open Area Allotted (in Sq.Mtr.)	No. of Units functioning
Kamrup	Tea Park, Chaygaon	153103.00	0	0	0	0

Source: Commissionerate of Industries and Commerce, Assam.

**Table 11.8- Industrial disputes during 2014 to 2016**

Item	Unit	2014	2015 (F)	2016 (P)
Industrial Units involved	No.	5	16	6
Mandays Lost	No.	19362	36879	16660
Wages Lost	Rs. (in lakh)	29.41	50.74	23.10
Production Lost	Rs. (in lakh)	1348.00	3066.04	1936.75

Source: Office of the Labour Commissioner, Govt. of Assam.

**Table 11.9- NIC-wise registered factories and workers in Assam during 2014 to 2016 (AS PER NIC, 2008)**

NIC	Type of Industry	ASSAM	
		Factory	Worker
01	Crop and animal production, hunting and related service activities	48	898
05	Mining of coal and lignite	3	22
10	Manufacture of food products	1799	79261
11	Manufacture of beverages	120	3218
12	Manufacturing of tobacco products	50	921
13	Manufacturing of textiles	61	3990
14	Manufacturing of wearing apparel	4	80
15	Manufacturing of leather and related products	1	12
16	Manufacture of wood and products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	423	9246
17	Manufacture of paper and paper products	119	5421
18	Printing and reproduction of recorded media	63	1574
19	Manufacture of coke and refined petroleum products	76	10884
20	Manufacture of chemicals and chemical products	168	12538
21	Manufacture of pharmaceuticals, medicinal chemical and botanical products	53	5443
22	Manufacture of rubber and plastics products	285	6293
23	Manufacture of other non-metallic mineral products	2081	81138
24	Manufacture of basic metals	161	4290
25	Manufacture of fabricated metal products, except machinery and equipment	139	2077
26	Manufacture of computer, electronic and optical products	14	218
27	Manufacture of electrical equipment	80	2416
28	Manufacture of machinery and equipment N.E.C.	51	815
29	Manufacture of motor vehicles, trailers and semi-trailers	3	42
30	Manufacture of other transport equipment	10	3674
31	Manufacture of furniture	39	958
32	Other Manufacturings	4	41
33	Repair and installation of machinery and equipment	10	192
35	Electricity, gas, steam and air conditioning supply	54	2879
36	Water collection, treatment and supply	4	47
45	Wholesale and retail trade and repair of motor vehicle and motorcycles	153	3587
46	Wholesale trade except motor vehicle and motorcycles	1	-
47	Retail trade, except motor vehicle and motorcycles	6	62
49	Land transport and transport via pipelines	13	709
52	Warehousing and support activities for transportation	38	746
74	Other professional, scientific and technical activities	2	8
85	Education	2	-
95	Repair of computer and personal and household goods	20	121
<b>Total</b>		6158	243821

Factory= Nos. of Factory; Worker= Nos. of Workers.

Source: Office of the Chief Inspector of Factories, Assam.

**Table 11.10- Type of factory-wise accidents in Assam during 2014 to 2016**

Nature of Industries	2014		2015		2016	
	Fatal	Non-Fatal	Fatal	Non-Fatal	Fatal	Non-Fatal
Crop and animal production	1	-	-	-	-	-
Mfg. of food & Beverage	2	39	2	28	5	29
Mfg. of Tobacco products	-	2	-	-	-	1
Mfg. of wood corks etc	-	1	-	-	-	-
Mfg. of Paper & Paper products	1	5	-	3	-	-
Mfg. of coke, refined petroleum products	4	-	1	1	-	-
Mfg. of chemical & chemical products	-	3	1	3	-	2
Mfg. of Non metallic mineral products	1	2	3	3	4	6
Mfg. of basic metal	-	4	-	-	-	-
Mfg. of machinery and equipments NEC	3	2	-	2	-	1
Mfg. of other transport equipments	1	-	1	-	2	-
Mfg. of electricity, Gas, steam and air condition supply	-	-	-	-	1	2
<b>TOTAL</b>	<b>13</b>	<b>58</b>	<b>8</b>	<b>40</b>	<b>12</b>	<b>41</b>

Source: Office of the Chief Inspector of Factories, Assam.

**TABLE-11.10: CAUSE WISE DISTRIBUTION OF ACCIDENTS IN ASSAM**

Cause of Accident	2014		2015		2016	
	Fatal	Non-Fatal	Fatal	Non-Fatal	Fatal	Non-Fatal
Mining & agglomeration of hard corp	-	-	-	-	1	1
Machinery moved by machine power	1	21	1	21	2	18
Machinery not moved by mechanical power.	-	-	-	-	-	-
Transport	-	-	3	-	2	1
Electricity	-	2	-	-	-	2
Fire, Explosion, Gassing	4	7	1	1	1	8
Molten Metal	-	3	-	-	-	1
Use of Hand Tools	2	2	-	-	-	2
Struck by falling body	2	1	1	2	4	7
Falling from height	4	12	-	-	-	-
Falling on the flat	-	-	1	6	-	-
Falling into pits excavation	-	-	-	-	-	-
Stepping or striking against objects	-	4	-	-	-	-
Handling goods & Articles	-	1	-	1	-	-
Others	-	5	1	9	2	1
<b>TOTAL</b>	<b>13</b>	<b>58</b>	<b>8</b>	<b>40</b>	<b>12</b>	<b>41</b>

Source: Office of the Chief Inspector of Factories, Assam.