5,000—5-5-96.

Revenue (1898) Department.

MISCELLANEOUS SERIES.

G.O., No. 4422

DATED 14th November 98

[Despatch Abstract.]

Recording on the remarks of the S.P. submitting the statement of Large Industries in the Madras Presidency for the Calendar year 1897.

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

1898.

Board of Revenue

(Separate Revenue),

MADRAS.

14/11/98

Printed July th.
Rect 13
Rejected

Proceedings, No. 184, 30th June 1898.

G.O. Mus No 4422 d/14th Nov 1870

Recorded

to order B.P.

There has been great dissatisfaction on the part of the Ld JUNE. on the incompleteness of our returns in this matter

9/7/98

2. It is presumed that the Ld Sudr Bd will supply information on the points indicated by the Bd

16/7/98

3. The Board shd accordingly proceed to furnish it with more completely than they do with figures for cols 8 & 9 of the return. Where details cannot be possessed the points raised in paras 2 and 3 of the Proc are for the direction of Statistics to decide to whom the B.P. has been forwarded.

Note. All orders under which the returns are submitted shd be put up to Bd

16/7/98

Submitting, with remarks, the statement of large industries in the Madras Presidency for the calendar year 1897.

The Bd of Revenue (Accounts & Statistics) S.R Dtd. 16.11.98

16/11/98

Dft no. 4422A

Copy to the Dept of Statistics & Finance Dept

from those in charge of the particular industry, they may often be gathered from the Masters' Office

S.R 21/11/98

G.O. | No. | De

PROCEEDINGS OF THE BOARD OF REVENUE
(SEPARATE REVENUE).

RESOLUTION—No. 184, dated 30th June 1898.

The Board begs to submit the usual statement of large industries for the calendar year 1897.

2. The return follows the lines of previous years' returns, but, on examination of past correspondence and of the Volume of Financial and Commercial Statistics for British India for the year 1895 (the last supplied to it), the Board sees reason to believe that there are other industries which ought to be included. In the department of mining, for instance, the Madras returns have hitherto shown only gold mines, which were included under instructions contained in letter from the Assistant Secretary to the Government of India, Finance and Commerce Department, No. 4104-Statistics, dated 15th August 1894. The return for India, however, shows all mines, other than coal mines, and quarries as large industries. Apparently, therefore, particulars as to the outturn of iron-ore, plumbago, corundum, manganese, mica, soap-stone and quarry-stones, and as to the number of persons employed therein should be given. If this is desired, a supplemental statement will be submitted in this regard. Other industries not treated separately in the Volume of Financial and Commercial Statistics and not reported on as large industries are distilling, fish-curing, printing and pearl and chank fisheries. There are possibly others whose inclusion might be desirable. To assist it in making its return complete, the Board would be glad if it could be furnished with a list of all industries whose inclusion is desirable where they exist.

G.O

(2) 3. All works connected with railways or financed by Government, the Board understands, ought to be excluded. It would be glad of instructions as to whether this presumption is correct, also as to whether particulars as to industries in the (3) Native States of Travancore and Cochin, which are now omitted, should be entered.

4. On receipt of the instructions above asked for, it will issue detailed instructions to Collectors regarding the preparation of their returns for the ensuing year. Those for the current year leave much to be desired, and, even after diligent auditing, the Board regrets to state that its return is far from complete, many important concerns having been omitted in the original returns altogether, while the particulars given regarding others are utterly inaccurate.

5. The Board regrets that it has been unable to check the figures in the return with those given in the returns under the Factories Act as the latter are not yet complete. The figures of joint stock companies have been verified by reference to the Registrar of Joint Stock Companies, Madras.

6. In view of the incompleteness of the return it is useless to attempt to review progress.

(True Copy and Extract.)

(Signed) C. G. TODHUNTER,
Acting Secretary.

(True Copy.)

Ag. Asst. Secretary.

To the Secretary to the Government of India, Finance and Commerce Department (Statistical Branch).
" the Secretary to Government, Revenue Department.
" all Collectors.

Copy to the Secretary to the Commissioner of Revenue Settlement, Land Records and Agriculture.
" to the Reporter on Economic Products to the Government of India (three copies).

Exd. W. D'Moss.

APPENDIX.

STATISTICAL Return of Industries of the Madras Presidency for the ye

District.	Name of work or factory.	Nature of industry.	Average number of persons employed daily			Capital, if a Joint Stock Company.	Annual outturn.			Remarks.
			Throughout the year.	During a special working season.			Quantity.		Value.	
				Number.	Months.					
1	2		4	5	6	7	8		9	10
		Bone-crushing Mills.				Rs.			Rs.	
Coimbatore.	1. Messrs. Stones & Co.	Crushing bones	41				Tons.	41	1,231	
South Canara.	2. Messrs. Pierce, Leslie & Co.	Do.	93					93	6,523	
Malabar	3. Bolar Works	Do.	38					38	1,153	
	4. Messrs. Arbuthnot & Co.'s Kallai Works.	Do. for manure.	125					125	8,100	
			2,890					2,890	1,96,760	
		Cement Works.								
Madras	1. Messrs. Arbuthnot & Co.'s Portland Cement, Tile and Concrete Pipe Works.	Manufacture of cement.	455	532	Jan., Feb. and Mar.	3,00,000	Cwts.	88,963	2,04,600	Particulars have not been furnished.
		Coffee Works.								
Madura	1. Mr. Vans Agnew's Coffee works.	Coffee-curing	135	200	Feb. to Oct.		Lb.	11,200	6,000	Three estates did not work during the year.
	2. Pilliveli Estate	Do.	100	200	Oct. to Feb.			3,360	2,500	
	3. St. Mary's Estate	Do.	150	150	Oct. to Dec.			17,920	8,000	
	4. L. T. Creed's Estate	Do.	100	200						
	5. Pimza Estate	Do.								
	6. Eleven Coffee-curing Estates	Do.		102	Oct. to Feb.			13,743	6,702	
	7. Bothammandi Works	Do.								
	8. Kanandappa Mooliagaram Coffee Works.	Do.								
	9. Mangalamanndi Works	Do.								
	10. Rodger's Coffee Works	Do.								
	11. Sellathi Rowthen's Works	Do.								
	12. Subramania Kuppusami Naidu's Factory.	Do.								
	13. Vattanadi Kannan Chetti's Works	Do.								
	14. Venkatramier's works	Do.								
	15. Eugène de Fondclair's Works, Periyur.	Do.								
	16. Four Vans Agnew's Works	Do.		175 to 250	Jan. to May and Sept. to Dec.			2,464,000	11,00,000	Particulars have not been furnished.
	17. Messrs. Stanes & Co.	Do.		143	Jan. to May and Nov. to Dec.	50,000		1,129,361	6,55,433	
Coimbatore.	18. Messrs. Pierce, Leslie & Co.	Do.								

Statistical Return of Industries of the Madras Presidency for the year 1897—*cont.*

District.	Name of work or factory.	Nature of industry.	Average number of persons employed daily: Throughout the year.	Average number of persons employed daily: During a special working season: Number.	Average number of persons employed daily: During a special working season: Months.	Capital, if a Joint Stock Company.	Annual outturn: Quantity.	Annual outturn: Value.	Remarks.
1	2	3	4	5	6	7	8	9	10
			Coffee Works—cont.				LB.	RS.	
South Canara	19. Bolur and Bunder Coffee Works.	Coffee-curing	..	350	Jan. to 15th May.	..	934,332	5,00,535	
	20. Jeppo Coffee Works	Do.	..	650	Jan., Feb. and Dec.	..	1,232,000	6,60,000	
	21. Messrs. Arbuthnot & Co.'s Coffee Works.	Do.	129	300	Jan. to Apr. and Dec.	..	1,120,784	6,38,000	
	22. Maneckjee Nowrajee's Coffee Works.	Do.	..	80	Mar. and Apr.	..	253,680	1,35,900	
	23. Hajee Abu Baker Beary's Coffee Works.	Do.	..	100	From 9th Mar. to end of Apr.	..	295,120	1,58,100	
	24. Messrs. Pierce, Leslie & Co.'s Coffee Works.	Do.	..	200	Jan. to May..	..	1,120,000	6,00,000	
	25. Messrs. Morgan & Son's Coffee Works at Bunder.	Do.	..	..	....	..	..	..	Not worked in 1897.
	26. Messrs. Volkart Brothers' Coffee Works at Bunder.	Do.	..	800	Jan. to May ..	..	1,400,000	7,50,000	
	27. Messrs. Volkart Brothers' Coffee-cleaning Factories, Kottayam.	Winnowing and pulping. ..	..	430	Jan. to Sept...	..	7,184,800	21,83,600	
	28. Messrs. Pierce, Leslie & Co.'s Coffee-cleaning Factories at Kottayam.	Do. ..	..	250	Dec. to Apr. ..	..	3,628,800	9,54,000	
	29. Messrs. Burnett & Sons' Coffee-cleaning Factories at Kottayam.	.... ..	..	..	....	..	..	..	Particulars have not been furnished.
	30. Messrs. Arbuthnot & Co.'s Pallicoon Coffee Works.	Winnowing and pulping. ..	..	221	From 20th Dec. to 3rd Apr.	..	943,824	6,32,025	
Malabar ..	31. Messrs. Volkart Brothers, Calicut.	Curing coffee, ginger, pepper, &c.	400	800	Jan. to June..	..	..	..	Particulars have not been furnished.
	32. Messrs. Andrew & Co.'s Factory, Calicut.	Do. ..	..	..	....	..	..	..	Not worked in 1897.
	33. Messrs. Henkie & Co.'s Factory, Calicut.	Curing ginger and coir yarn.	452	..	....	..	896,000	1,02,000	
	34. Mammally Coffee Works, Calicut.	Coffee-curing	90	550	Jan. to 15th Apr.	..	784,000	4,20,000	
	35. Messrs. Pierce, Leslie & Co.'s Works at Calicut.	Coffee curing, cinchona baling, curing ginger, &c.	450	800	Nov. to Apr.	..	Parchment coffee. 672,000 Native coffee. 56,000 Ginger .. 1,075,200 Cinchona bark. 120,960 *Nux vomica*.. 112,000 Coir yarn .. 224,000	4,20,000 30,000 1,84,320 30,083 960 11,200	NOTE.—Parchment coffee is the name given to the coffee which has undergone the process of pulping on the estate. This is of much finer quality than the native coffee.

Statistical Return of Industries of the Madras Presidency for the year 1897—*cont.*

District.	Name of work or factory.	Nature of industry.	Average number of persons employed daily: Throughout the year.	Average number of persons employed daily: During a special working season: Number.	Average number of persons employed daily: During a special working season: Months.	Capital, if a Joint Stock Company.	Annual outturn: Quantity.	Annual outturn: Value.	Remarks.
1	2	3	4	5	6	7	8	9	10
			Coffee Works—cont.			RS.			
Malabar—*cont.*	36. Messrs. Stanes & Co.'s Works at Calicut.	....	..	..	....	..	....	..	Not worked in 1897.
	37. Messrs. Burnett & Sons, Calicut.	Coffee-curing, cleaning pepper, cinchona baling and manufacturing tea chests.	136	..	....	..	LB. Coffee .. 1,355,200 Cinchona bark .. 224,000 Pepper .. 145,600 NO. Tea chests 3,764	RS. 7,20,606 30,170 12,430 4,239	
	38. Messrs. Alston, Low & Co.'s establishment, Tellicherry.	....	..	..	....	..	....	..	Not worked in 1897.
	39. Arunachella Nadar's Works, Calicut.	....	..	..	....	..	....	..	
			Cotton ginning, cleaning and pressing factories other than Mills.				LB.		
Kistna ..	1. Messrs. R. P. Gill & Co., Guntúr.	Cotton-pressing	31	..	....	..	6,797,200	14,95,340	
	2. Guntúr Merchant's Co. (Limited).	Do.	42	..	....	60,000	3,108,800	..	Figures for column 9 have not been furnished.
	3 Segu Subbarayudu's factory, Guntúr.	Cotton-ginning	9	27	Three months.	..	398,885	74,750	The Collector has not specified the months in column 6.
	4. Soma Venkatasubbarayudu's factory, Guntúr.	Do.	25	25	Six do.	28,300	339,500	61,789	
	5. Narella Mangayya's factory, Mangalagiri.	Do.	17	40	Five do.	25,000	801,350	147,425	
	6. Pulipati Subbarayudu's factory, Guntur.	Do.	14	23	Six do.	9,000	455,223	72,433	
	7. Lingamalli Venkatarangayya's factory, Guntúr.	Do.	10	20	Four do.	..	270,000	48,870	
	8. The Atkinson Nandigama ginning Co. (Limited).	Do.	..	75	Six do.	35,000	Cotton .. 312,500 Seeds .. 937,500 2,800,000	50,625 18,750 157,800	
	9. Two cotton factories at Narasarowpet	Do.	20	60	Four do.	..	420,205	87,499	
	9 (*a*) One Cotton factory at Sattenapalle.	Do.	5	40	Do. do.	35,000	....	..	Not worked in 1897.
	10. Messrs. Dymes & Co.'s Press at Guntúr.	Cotton-pressing	..	..	....	..	2,337,200	428,513	
	11. West Patent Press, Guntúr ..	Do.	14	..	....	..	2,391,600	543,113	
Cuddapah ..	12. Messrs. Dymes & Co. at Proddatur.	Do.	71	..	....	..	1,119,040	217,849	
	13. Thanikanti Anjaneyulu Cotton Press.	Do.	105	..	....	..			

Statistical Return of Industries of the Madras Presidency for the year 1897—*cont.*

District.	Name of work or factory.	Nature of industry.	Average number of persons employed daily: Throughout the year.	During a special working season: Number.	Months.	Capital, if a Joint Stock Company.	Annual outturn: Quantity.	Value.	Remarks.
1	2	3	4	5	6	7	8	9	10
		Cotton ginning and pressing factories other than Mills—cont.				Rs.	LB.	Rs.	
Anantapur ..	14. Messrs. A. Sabapathi Mudaliar & Co. (Limited).	Cotton-pressing ..	..	..	....	2,50,000	....	..	
	15. Messrs. Binny & Co.	Do. ..	25	78	May to July.	50,000			Not worked in 1897.
	16. Messrs. Volkart Brothers' Cotton press at Guntakal.	Do. ..	33	181	April to Oct.	4,50,000	2,144,575	4,32,028	
	17. Messrs. Arbuthnot & Co.'s Cotton press at Timmancherla.	Do. ..	..	..	....	..	2,059,840	3,86,220	
Bellary ..	18. Messrs. Harvey and Sabapathi Mudaliar & Co., Bellary.	....	..	..	....	..	....	..	
	19. Western Press, Bellary	....	..	..	....	..	....	..	Not worked in 1897.
	20. Messrs. Dymes & Co., Bellary ..	Cotton-pressing ..	50	65	....	60,000	....	..	
	21. Bellary Cotton Press (Limited)	....	..	..	....	..		..	
	22. Messrs. Rambillas Sowcar & Co. at Adóni.	Cotton-pressing ..	13	68	..	..	53,771	10,925	
	23. Messrs. Dymes & Co. at Adóni ..	Do.	60	100	..	2,00,000	1,648,360	2,73,325	Not worked during the year.
Kurnool ..	24. Messrs. Sabapathi Mudaliar & Co. at Adóni.	Do. ..	7	106	..	60,000	2,170,452	4,54,450	
	25. City People Press	Do.	7	77	..	3,00,000	393,200	77,067	
	26. Jammalamadugu Press Company.	Do. ..	17	81	Fifty-two days.	70,000	20,800	3,683	
	27. Nandyal-Guntakal Press	Do.	8	59	Sixty days ..	4,50,000	1,516,800	3,03,360	
	28. Kurnool Cotton Press	Do. ..	7	15	Eight " ..	..	1,232,550	2,46,510	The Collector has not specified the months in column 6.
Trichinopoly.	29. Messrs. Mooljee Jaithee & Co. ..	Do. ..	70	70	May to Dec.	..	1,97,485	12,000	
	30. Messrs. Binny & Co.'s Cotton Press at Ariyalúr.	Do. ..	..	45	May to Aug.	..	1,737,874	99,264	
	31. Framjee & Co.'s Press		..	..	..	..	590,250	1,18,080	
Madura ..	32. Thandayuthapani Ginning and Pressing Company (Limited), Aruppukottai.	Cotton pressing and ginning.	..	..	..	1,20,000	..	..	The Company has discontinued its trade and sold the building to Messrs. Mooljee Jaithee & Co.
	33. The Madurai Minatchi Ginning and Pressing Company (Limited), Tirumangalam.		45	..	..	1,00,000	41,143	3,000	
							520,568	1,04,114	

Statistical Return of Industries of the Madras Presidency for the year 1897—*cont.*

District.	Name of work or factory.	Nature of industry.	Average number of persons employed daily: Throughout the year.	During a special working season: Number.	Months.	Capital, if a Joint Stock Company.	Annual outturn: Quantity.	Value.	Remarks.
1	2	3	4	5	6	7	8	9	10
		Cotton ginning, cleaning and pressing factories other than Mills—cont.				Rs.	LB.	Rs.	
Tinnevelly.	34. The Tinnevelly Cotton Press Company (Limited), Tuticorin.	Cotton-ginning, cotton cleaning, pressing and shipping; palmyrah fibre pressing and shipping.	17	37	April to Aug.	2,00,000	Cotton ginned. 993,273 Cotton pressed. 2,385,500 Palmyrah fibre. 138,544	5,15,268	
	35. Fort Press, Tuticorin.	Pressing cotton, palmyrah fibre, senna, kapack and pulichi fibre.	23	10	..	..	Cotton .. 9,05,000 Palmyrah fibre 962,700 Senna .. 2,000 Kapack .. 2,000 Pulichi fibre. 750	1,90,050 85,950 120 320 67	Kapack = Silk cotton. Pulichi fibre = Bombay hemp.
	36. The New Berar Company (Limited), Tuticorin.	Cotton-pressing ..	27	12	April to Aug.	6,25,000	2,924,000	7,01,760	
	37. Messrs. Volkarts' United Press Company (Limited), Tuticorin.	Do.	9	40	..	4,50,000	2,385,412	5,15,254	
	38. Messrs. Milligan & Co., Tuticorin.	Pressing cotton and other produce.	8	62	April to July.	..	Cotton .. 3,270,000 Cinchona .. 276,600 Palmyrah fibre. 811,200 Senna leaves. 18,900 Senna pods. 600 Kapack .. 35,100	7,19,400 69,150 94,640 1,512 20 9,126	
	39. Messrs. Ralli Brothers (Limited), Tuticorin.	Pressing cotton and palmyrah fibre.	19	9	April to Aug.	..	Cotton .. 4,311,033 Palmyrah fibre. 157,254	9,60,094 16,853	
	40. Messrs. A. and F. Harvey & Co., Sáttúr.	Cotton pressing and cleaning.	14	66	March to Dec.	..	1,450,500	3,13,308	
	41. Messrs. A. and F. Harvey & Co., Virudupatti.	Do.	27	66	Do. ..	..	4,533,500	9,79,236	
	42. The Tinnevelly Cotton Press Company (Limited), Sáttúr.	Do.	6	72	Feb. to Aug.	2,00,000	1,255,469	2,79,767	
	43. The Tinnevelly Cotton Press Company (Limited), Virudupatti.	Cotton-pressing ..	5	80	Mar. to Aug.	2,00,000	2,039,580	4,55,236	
	44. The South India Press Company (Limited), Virudupatti.	Do.	16	34	..	1,00,000	3,204,205	1,94,700	

Statistical Return of Industries of the Madras Presidency for the year 1897—*cont.*

District.	Name of work or factory.	Nature of industry.	Average number of persons employed daily: Throughout the year.	Average number of persons employed daily: During a special working season: Number.	Average number of persons employed daily: During a special working season: Months.	Capital, if a Joint Stock Company.	Annual outturn: Quantity.	Annual outturn: Value.	Remarks.
1	2	3	4	5	6	7	8	9	10
		Cotton ginning, cleaning and pressing factories other than Mills—cont.				Rs.	LB.	Rs.	
Tinnevelly—*cont.*	45. The Tuticorin New Cotton Trade Company (Limited), Palamcottah.	Cotton ginning ..	..	..	..	30,000	....	..	Has not commenced work.
	46. The Ettiyapuram Cotton-ginning Factory.	Do.	..	1,035	Twenty-three days in April and May.	30,000	73,926	15,672	Ceased to work in May 1897.
	47. The Tuticorin Cotton-ginning Company (Limited).	Cotton-ginning and extracting oil.	19	40	April to Sept.	50,000	1,826,743	99,900	
	48. The Nagalathapuram Cotton-ginning Company.	Cotton-ginning	..	..	..	30,000	....	..	Has not commenced work.
Coimbatore.	49. Messrs. Binny & Co., Erode ..	Cotton-pressing	..	12	April to Feb.	..	568,583	112,772	
	50. Messrs. Binny & Co's Cotton-cleaning Press, Palladam.	Do.	..	..	..	..	....	..	Not worked in 1897.
	51. Madras Merchants' Company, Palladam.	Do.	..	210	Feb. and April to August.	..	897,000	161,460	
	52. Cotton-cleaning Company (Limited), Palladam.	Cotton cleaning, pressing and baling.	..	..	..	..	....	..	Not worked in 1897.
	53. Cotton-pressing Company, Tiruppúr.	Cotton-pressing ..	..	82	..	70,000	3,919,200	734,850	
	54. The new ginning factory for the Madras United Spinning and Weaving Mill Company (Limited), Tiruppúr.	Do.	..	26	Jan. to Sept. and Dec.	..	269,203	53,244	
	55. Subakmal and Surajmal Cotton Press Company.	Do.	..	70	Feb. to Dec.	..	9,33,100	1,46,630	
	56. Messrs. Karumji Sait & Co. ..	Do.	..	..	..	..	..	..	Not worked in 1897.
	57. Messrs. Stanes & Co.	Do.	..	12 to 25	..	..	Cotton .. 1,807,500 Cinchona bark. 37,750 Straw .. 40,000	3,61,500 3,539 400	
		Cotton Spinning and Weaving Establishments not classed as Mills.					YDS.		
South Canara.	1. Basel Mission Weaving establishment, Balmatta.	Weaving cotton-goods ..	130	..	..	..	53,000	31,900	
	2. Herman Muthu's Weaving establishment, Balmatta.	Do. ..	36	..	..	..	13,000	4,875	

Statistical Return of Industries of the Madras Presidency for the year 1897—*cont.*

District.	Name of work or factory.	Nature of industry.	Average number of persons employed daily: Throughout the year.	Average number of persons employed daily: During a special working season: Number.	Average number of persons employed daily: During a special working season: Months.	Capital, if a Joint Stock Company.	Annual outturn: Quantity.	Annual outturn: Value.	Remarks.
1	2	3	4	5	6	7	8	9	10
		Cotton Spinning and Weaving Establishments not classed as Mills—cont.					YDS.	Rs.	
South Canara—*cont.*	3. Messrs. J. Lobo & Son's establishment at Bolur.	Weaving cotton-goods ..	12	..	..	..	6,000	2,250	
	4. St. Joseph's Asylum at Jeppo ..	Do. ..	5	..	..	..	900	309	Not worked in 1897.
	5. Mr. A. H. Clerk's establishment, Madakeri Hill	Do. ..	..	..	..	..	..	..	
	6. Israel Karkado's establishment, Bolur.	Do. ..	3	..	..	..	1,000	437	
	7. B. Annajee Rau's establishment at Hampanapeta.	Do. ..	5	..	..	..	6,000	2,625	
	8. Piadad Machad	Do. ..	6	..	..	..	3,200	1,200	Not worked in 1897.
	9. Mr. Marshal Gonsalves	Do. ..	..	..	..	..	..	..	
	10. Mr. Ebleser Farell, Bunder ..	Do. ..	12	..	..	..	9,000	3,375	
	11. Mr. Pascal Gonsalves, Kadiri ..	Do. ..	5	..	..	..	2,500	781	
	12. Mr. G. L. Abreo, Kadiri ..	Do. ..	11	..	..	..	4,500	1,687	
	13. Elia Santappa, Madakeri Hill ..	Do. ..	3	..	..	..	5,000	1,875	
	14. Mr. H. J. Souns	Do. ..	6	..	..	..	4,000	1,500	
	15. Yekkar Lakshminarayanappayya, Kambal.	Do. ..	3	..	..	..	1,800	900	
	16 A. Venkajee Rau, Kadiri ..	Do. ..	..	..	..	..	500	156	Newly started.
	17. Mose Pallanna, Bulmatta ..	Do. ..	..	3	April to Dec.	..	2,000	625	Do.
	18. Mr. Piadad Gonsalves, Kadiri ..	Do. ..	2	..	..	..	2,000	625	Do.
Malabar ..	19. Basel Mission weaving establishment, Cannanore.	Do. ..	476	..	..	..	249,169	1,88,473	These figures include also particulars for the branch establishments of the mission at Chombhala and Tellicherry.
	20. Basel Mission weaving establishment, Calicut.	Do. ..	200	..	..	..	70,000	40,000	
	21. Basel Mission weaving establishment, Ponnáni.	Do. ..							
		Dairy Farms.					Bottles of milk.		
The Nilgiris.	1. The Home Farm, Ootacamund ..	Dairy	15	18	Three months.	..	25,927	3,992	The Collector has not specified the months in column 6.
	2. Mrs. Beadnell's dairy, Ootacamund.	Butter-making	..	..	..	..	..	..	Not worked in 1897.
	3. Slievmoor Farm	Do.	..	..	..	..	..	..	Particulars not furnished.

Statistical Return of Industries of the Madras Presidency for the year 1897—*cont.*

District.	Name of work or factory.	Nature of industry.	Average number of persons employed daily			Capital, if a Joint Stock Company	Annual outturn.		Remarks.
			Throughout the year.	During a special working season.			Quantity.	Value.	
				Number.	Months.				
1	2	3	4	5	6	7	8	9	10
		Flour Mills.							
							LB.	RS.	
The Nilgiris.	1. Government Bakery, Wellington.	Flour mill and bread-making.	..	..	..	..	..	..	Did not work in 1897.
	2. Heath's Bakery, Ootacamund ..	Do. ..	..	..	..	..	....	..	Particulars have not been furnished.
South Canara.	3. The South Canara Mill	Making wheat flour ..	*Vide* under "Oil mills."				7,000	500	
		Glass Bangle Manufactories.							
							NO.		
Anantapur ..	1. Four bangle manufactories ..	Manufacture of bangles..	19	..	..	..	3,168,000	3,960	
Trichinopoly.	2. Two glass bangle manufactories ..	Do. ..	100	160	Jan. to Aug.	..	18,000,000	54,000	
		Gold Mining.							
						£.	OZ.		
North Arcot.	1. Mysore Reefs Gold Mining Co. ..	Gold mining	365	..	..	200,000	876	51,165	
		Ice Factories.							
						RS.	TONS.		
Vizagapatam.	1. The Maharajah of Vizianagram's Ice factory.	Ice-making	15	..	..	..	16	4,467	
Gódávari ..	2. Messrs. Hall, Wilson & Co., Cocanada.	Do.	5	..	..	..	14	1307	Particulars have not been furnished.
Madras ..	3. Madras Ice Manufactory Co. (Limited).	Do.	..	..	..	..	....	..	
	4. Venkatachellum's Ice factory ..	Do.	36	..	..	..	702	27,023	
South Canara.	5. Canara Ice Manufactory Co., Bunder.	....	..	..	..	..	....	..	Not worked in 1897.
		Indigo Factories and Vats.							
							MDS.		
Ganjám ..	1. Twenty-nine Indigo vats ..	Indigo manufacture ..	29	480	One month ..	1,01,100	66	16,394	The Collector has not specified the month in column 6.
Vizagapatam.	2. Ninety-three Indigo vats ..	Do. ..	349	..	..	..	838	83,203	Do.
Godávari ..	3. Fifteen Indigo vats	Do. ..	..	724	From two to three months.	..	336 367	27,089	Do.
Kistna ..	4. One thousand three hundred and six vats.	Do. ..	..	..	..	..	10,496	11,89,279	Do.
Nellore ..	5 One thousand two hundred and twenty-three vats.	Do. ..	..	17,450	One to three and-a-half months.	..	8,383	7,65,675	Do.

Statistical Return of Industries of the Madras Presidency for the year 1897—*cont.*

District.	Name of work or factory.	Nature of industry.	Average number of persons employed daily.			Capital, if a Joint Stock Company	Annual outturn.		Remarks.
			Throughout the year.	During a special working season.			Quantity.	Value.	
				Number	Months.				
1	2	3	4	5	6	7	8	9	10
		Indigo Factories and Vats—cont.							
							MDS.		
Cuddapah ..	6. Five hundred and seventy vats ..	Indigo manufacture ..	..	8,417	..	..	4,734	6,36,967	
Anantapur ..	7. Seven Indigo vats	Do. ..	..	20	..	..	5	700	
Kurnool ..	8 One hundred and sixty-seven vats.	Do. ..	..	1,232	Oct. to Dec.	..	823	87,077	
Chingleput.	9. Five hundred and seventy-four Indigo vats.	Do. ..	..	..	..	..	1,679	1,94,458	
North Arcot.	10. Three hundred and eighty-six Indigo vats.	Do. ..	..	1,777	July to Dec.	..	2,317	2,82,842	
South Arcot.	11. Six hundred and one vats ..	Do. ..	..	5,112	....	..	7,703	5,84,127	
Tanjore ..	12. One Indigo vat	Do. ..	7	42	Aug. and Oct.	..	90	600	
Trichinopoly.	13. Eighty-six vats	Do. ..	..	29	....	..	519	45,524	
Salem ..	14. Forty-three Indigo vats	Do. ..	4,093	..	....	..	274	37,136	
		Iron and Brass Foundries.							
Gódávari ..	1. Dowlaishwaram Public Works workshops.	Wood and iron work ..	112	..	....	..	(a)	1,07,613	(a) It is reported that owing to the miscellaneous nature of the work done the quantity cannot be easily noted.
	2. Local Fund workshop at Cocanada.	Do. ..	34	..	....	..	(a)	11,414	
Bellary ..	3. Five foundries	Making and repairing sugarcane mills.	12	..	....	..	68 old mills repaired. 15 new mills made .. 37 cauldrons newly made.	1,990	
							No weights registered.	61,010	
Madras ..	4. Victoria works (Messrs. Raju & Co.).	Iron foundry and iron work.	81	..	....	..	CWTS. 7,365	64,452	
	5. Napier works (Messrs. Massey & Co.).	Engineering and foundry.	280	..	....	..	....	..	Particulars have not been furnished.
	6. P. L. M. Muttiah Chetty & Co.	Manufacture of iron safes.	..	..	....	..	Cast iron .. 1,318	6,891	
	7. Basin foundry	Iron foundry and workshop.	77	..	....	..	Wrought iron. 28 No.	144	
							Sugarcane mills 149	12,750	
							CWTS. Cast iron .. 1,500	8,000	
	8. Madras Brick, Tile and Iron works.	Iron work	91	..	....	..	....	..	Particulars have not been furnished.
	9. Beehive foundry (Messrs. Oakes & Co.).	Do.	..	..	....	..	....	..	
	10. Reliance foundry	Engineering and foundry.	49	..	....	..	....	..	
	11 Messrs. P. Orr and Sons	Brass foundry, &c. ..	..	..	....	..			

Statistical Return of Industries of the Madras Presidency for the year 1897--*cont.*

Districts.	Name of work or factory.	Nature of industry.	Average number of persons employed daily.			Capital, if a Joint Stock Company.	Annual outturn.		Remarks.
			Throughout the year.	During a special working season.			Quantity.	Value.	
				Number.	Months.				
1	2	3	4	5	6	7	8	9	10
					Iron and Brass Foundries—cont.				
						Rs.		Rs.	
Trichinopoly	12. Steel manufactory in Marungápuri zemin.	Steel manufacture ..	17	20	Sept. to Dec.	..	CWTS. 260	5,250	
Madura ..	12. (*a*) Periathambi A ari's Lock manufactory at Dindigul.	Lock making	..	..	....	..	....	..	Particulars not given.
The Nilgiris ..	13. Ashley & Co.'s Iron works, Coonoor.	....	..	..	....	..	....	..	Did not work in 1897.
South Canara..	14. Basel Mission mechanical establishment.	Carpentry and blacksmith shop.	45	..	....	..	Wood .. 201 Iron .. 402	5,600	
					Mineral and Aërated-water Factories.				
							DOZ.		
Ganjám ..	1. Aska Aërated-water manufactory.	Aërated water manufacture.	5	8	....	..	2,485	2,058	The work is carried on thrice a week.
	2. Two Aërated-water manufactories at Berhampur.	Do.	6	..	....	3,400	1,305	907	
Vizagapatam .	3. Five Aërated-water manufactories.	Do.	26	5	Four months.	6,200	18,103	11,909	This represents the capital of three manufactories. The Collector has not specified the months in column 6.
Gódávari ..	4. Messrs. E. J. Haden and Co's. Aërated-water manufactory.	Do.	..	4	Feb. to June	..	70	76	
Kistna ..	5. One Soda water factory of M. Ethirajulu Pillai of Bezwada.	Do.	..	..	..	..	4,891	3,974	
Bellary ..	6. Four Aërated-water manufactories.	Do.	14	17	..	..	8,700	4,500	
Madras ..	7. Mr. W. H Haller's Aërated-water factory.	Do.	7	9	Aug. and Dec.	..	25,000	12,000	
	8. Messrs. J. H. Holmes & Co's Aërated-water factory.	Do.	8	..	..	..	5,000	2,000	
	9. Messrs. W. E. Smith & Co. ..	Do. .. .	..	..	..	..	..	..	Particulars have not been furnished.
	10. Do. Spencer & Co.	Do.	..	..	..	..	..	..	
	11. Do. Oakes & Co.	Do.	..	..	..	..	..	..	
	12. Do. Norton & Co.	Do.	..	..	..	..	..	..	
Tanjore ..	13 Two Aërated-water manufactories.	Do.	7	..	..	2,400	2,536	940	
Trichinopoly .	14. Two do. do. ..	Do.	5	..	..		2,363	1,113	
Tinnevelly ..	15. Two do. do. ..	Do.	8	..	..	3,500	3,225	2,380	
The Nilgiris..	16. Six do. do. ..	Do.	35	..	..	18,000	30,946	23,291	Represents the capital of two manufactories.
Salem ..	17. Four do. do. ..	Do.	9	6	..	..	1,482	858	
South Canara .	18 Three do. do. ..	Do.	18	..	..	..	39,600	3,712	
Malabar ..	19. Two do. do. ..	Do.	11	..	..	..	6,550	3,275	

Statistical Return of Industries of the Madras Presidency

District	Name of work or factory.	Nature of industry.	Average number of persons employed daily.			Capital, if a Joint Stock Company.	Annual outturn.		Remarks.
			Throughout the year.	During a special working season.			Quantity.	Value.	
				Number.	Months.				
1	2	3	4	5	6	7	8	9	10
					Oil Mills.				
			176	619		Rs.	LB.	Rs.	
Gódávari ..	1. Thirty lamp-oil manufactories ..	Manufacture of lamp-oil.	~~148~~	~~617~~	From two to ten months.	..	4,926,000	7,00,413	The exact months cannot be specified as the mills worked in different months.
	2. D. Bommanji of Rajahmundry ..	Do. of sweet-oil.	7	..	..	..	41,045	6,426	
Kistna ..	3. Nine castor-oil factories	Castor-oil pressing ..	78	178	..	* 40,000	1,498,929	2,36,931	* Represents the capital of two factories.
South Arcot..	4. United oil mill of Devanayaga Mudaliar at Cuddalore Old Town.	Oil pressing	..	20	Five months.	..	290,140	43,900	The Collector has not specified the months in column 6.
Tanjore ..	5. Castor-oil mill	Do.	..	..	..	..	....	..	Not worked in 1897.
Madura ..	6. Madura oil mill	Do.	..	3	..	7,500	....	..	Irregularly worked, the quantity and value turned out are not ascertainable.
Tinnevelly ..	7. The Palayapettai oil mill.. ..	Extracting gingelly-oil .	18	..	..	..	34,496	7,850	
Coimbatore	8. Messrs. Stanes & Co.	Oil-cake mill	..	38 to 55	..	..	White castor punack .. 835,728 Black castor punack .. 457,392 Neem punack. 1,373,046 Hoongay punack 490.022	15,297 6,534 24,519 6,563	Punack = Oil-cake for cattle. Neem punack=Punack obtained by crushing margosa seeds. Hoongay punack is otherwise termed pungam punack, *i.e.*, that obtained from the Indian beech (*Pongamia glabra*).
	9. Messrs. Pierce, Leslie & Co. ..	Oil-cake press	..	175 to 250	Jan. to May, Sept. to Dec.	..	1,896,315	29,727	
South Canara.	10. Oil Mill Co. of South Canara ..	Manufacture of cocoanut oil and oil-cake.	..	8	Jan. to May.	..	Oil .. 70,000 Oil-cake .. 40,000	11,000 1,000	
	11. Lakshmi Prasad Engine Co., Kudroli.	Do.	6	..	..	..	Oil .. 125,000 Oil-cake .. 70,000	18,000 1,800	
					Rice Mills.				
							CWTS.		
Gódávari ..	1. Coringa Rice Mill Co. (Limited) ..	Rice mill	170	..	..	2,00,000	1,55,934	7,98,690	
	2. Messrs. Simson Brothers' Rice factory, Cocanada.	Do.	18	99	Jan. to June, Nov. and Dec.	..	17,452	83,243	
	3. Neelipati Rice Mill, Cocanada ..	Do.	..	..	..	..	....	..	Particulars have not been furnished.
	4. D. Bommanji of Rajahmundry ..	Paddy husking ..	7	..	..	..	3,316	17,712	
Kistna ..	5. Ten paddy-grinding machines ..	Paddy grinding ..	35	81	Six months ..	..	5,191	79,499	The Collector has not specified the months in column 6.
	6. Fifteen paddy-husking Mills ..	Paddy husking	..	135	One to two months.	..	899	27,742	
Madras ..	7. P. Balakrishna Mudali's Paddy-husking manufactory.	Paddy husking ..	..	..	..	..	....	..	Particulars have not been furnished.
Tanjore ..	8. Messrs. Arbuthnot & Co.'s Rice Mill, Nidamangalam.	Do. ..	20	150	Jan. to Sept.	..	31,919	1,65,150	
Tinnevelly..	9. The Anandavalli Ammal, Gin Factory (Limited), Tinnevelly.	Milling rice and manufacturing sugar. .	..	..	..	20,000	....	..	Has not commenced work.

Statistical Return of Industries of the Madras Presidency for the year 1897—*cont.*

Districts.	Name of work or factory.	Nature of industry.	Average number of persons employed daily.			Capital, if a Joint Stock Company.	Annual outturn.		Remarks.
			Throughout the year.	During a special working season.			Quantity.	Value.	
				Number.	Months.				
1	2	3	4	5	6	7	8	9	10
					Rope Works.				
						RS.	LB.	RS.	
South Canara.	1. Morgan and Sons' Coir-matting factory, Jeppo.	Coir-matting	..	..	..	..	....	..	Not worked in 1897.
Malabar ..	2. Messrs. Henkie & Co. at Calicut..	Curing coir yarn ..	452	..	..	..	896,000	1,02,000	
	3. Messrs. Brunton and Son's Hydraulic Press at Cochin.	Pressing bales of coir yarn and fibre.	..	..	..	..	7,605,200	8,65,771	Approximate value.
	4. Messrs. Volkart Brothers, Cochin.	Weaving, coir-matting, &c.	15	45	Jan. to May, Sept. to Dec.	..	Rolls 863	13,260	
	5. Messrs. Volkart Brothers' Hydraulic Press.	Pressing coir goods ..	14	22	Jan. to May, July to Dec.	..	Bales 20,307	30,460	
	6. Messrs. Pierce, Leslie & Co.'s Hydraulic Press.	Baling coir goods ..	13	18	Jan. to May, Aug. to Dec.	..	„ 18,342	22,928	
					Saltpetre Industries.		MDS.		
Gódávari ..	1. Two crude saltpetre factories ..	Manufacture of saltpetre.	..	6	Four months *	..	36	300	* During the summer season.
Kistna ..	2. Fifty-one crude saltpetre factories and five refineries.	Do.	..	..	..	..	940	5,509	
Nellore ..	3. Twenty-nine crude saltpetre factories and three refineries.	Do.	..	..	..	..	..	..	Particulars not furnished.
Cuddapah ..	4. One saltpetre refinery ..	Do.	..	..	..	..	..	..	Do.
Kurnool ..	5. Twenty crude saltpetre factories and one refinery.	Do.	..	6	Jan. to April, May to Sept.	..	200	450	
Bellary ..	6. Four crude saltpetre factories ..	Do.	..	..	..	..	..	..	Particulars not furnished.
South Arcot ..	7. Eight crude saltpetre factories ..	Do.	..	..	..	..	..	..	Do.
Tanjore ..	8. Fifteen crude saltpetre factories.	Do.	..	..	..	..	..	..	Do.
Trichinopoly.	9. Twohundred and eighty-five crude saltpetre factories and eleven refineries.	Do.	49	66	Feb. to Sept.	† 9,100	3,575	27,315	† Represents the capital of six refineries.
Madura ..	10. One hundred and forty-seven crude saltpetre factories and two refineries.	Do.	..	..	..	..	..	..	Particulars not furnished.
Tinnevelly ..	11. Fourteen crude saltpetre factories and two refineries.	Do.	..	..	..	..	..	..	Do.
Coimbatore ..	12. Eight hundred and seven crude saltpetre factories and fifteen refineries.	Do.	..	..	..	..	8,142	71,679	
Salem ..	13. One hundred and thirty-eight crude saltpetre factories and three refineries.	Do.	..	..	..	..	..	..	

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Statistical Return of Industries of the Madras Presidency for the year 1897—*cont.*

Districts.	Name of work or factory.	Nature of industry.	Average number of persons employed daily.			Capital, if a Joint Stock Company.	Annual outturn.		Remarks.
			Throughout the year.	During a special working season.			Quantity.	Value.	
				Number.	Months.				
1	2	3	4	5	6	7	8	9	10
					Soap factories.				
						RS.	LB.	RS.	
Madura ..	1. Sabapathi Chetti's soap factory ..	Soap making	4	8	..	..	50,000	3,700	
					Sugar Factories.		CWTS.		
Ganjám ..	1. Aska factory	Sugar manufacture ..	378	678	Jan. and Feb.	..	9,024	1,03,776	Particulars have not been furnished.
North Arcot ..	2. Arcot Sugar works	Do. ..	791	..	..	..	....	..	The Collector has not specified the months in column 6.
South Arcot.	3. Nellikuppam factory (Messrs. Parry and Company, Ld.)	Do. ..	704	943	Two months.	..	....	..	Do. do.
	4. Tiruvennanallúr factory (Messrs. Parry and Company, Ld.)	Do. ..	..	250	..	..	....	..	
Tinnevelly.	5. The Retail Sugar refining Company (Limited), Tachanallur.	Sugar refining ..	119	..	..	3,00,000	CWTS. 23,577	2,46,113	
	6. The Srivaikuntam Sugar-manufacturing Company.	Do. ..	..	..	..	5,25,000	....	..	No work was carried on during the year.
	7. The Tinnevelly Sarangapani Sugar Mill Company.	Do. ..	..	..	..	2,00,000	....	..	Has not yet commenced work.
Coimbatore ..	8. Sugar manufactory at Podanur ..	Sugar manufacture ..	..	81	May to Aug.	..	CWTS. 5,383	56,521	
					Tanneries.				
Vizagapatam.	1. Five tanneries	Tanning skins ..	251	90	Eight months.	..	CWTS. 14,115	4,81,690	
Bellary ..	2. Two tanneries	Do. ..	55	..	..	..	482	34,100	
Chingleput ..	3. Eighty-three tanneries	Do. ..	..	..	..	* 3,576	34,483	28,89,427	* For three tanneries.
Trichinopoly ..	4. Nine tanneries	Do. ..	181	220	..	48,950	3,703	4,33,799	
Madura ..	5. Thirty tanneries	Do. ..	335	407	Mar. to Aug.	..	9,319	13,30,002	
Coimbatore.	6. Mr. G. Simon's Tannery at Coimbatore.	Do. ..	..	94	..	..	1,855	3,37,784	
	7. Shaik Adam Sahib's Tannery at Méttupálayam.	Do. ..	..	45	..	..	1,878	2,08,659	
	8. M. S. K. Mahomed Marakkayar's Tannery at Kurichi.	Do. ..	..	..	..	..	..	..	Closed during the year.
	9. Shaik Abdul Cawder Marakkayar and Co.'s Tannery at Kuniyamuthur.	Do. ..	..	30	..	..	401	55,000	

Statistical Return of Industries of the Madras Presidency for the year 1897—*cont.*

District.	Name of work or factory.	Nature of industry.	Average number of persons employed daily. Throughout the year.	During a special working season. Number.	Months.	Capital, if a joint stock company.	Annual outturn. Quantity.	Value.	Remarks.
1	2	3	4	5	6	7	8	9	10
				Tile Manufacture.					
Gódávari ..	1. Bethany Tile Works	Tile and brick manufacture.	..	..	....	..	....	Rs. ..	Particulars have not been furnished.
Madras ..	2. Messrs. Arbuthnot & Co.'s Portland Cement, Tile and Concrete Pipe Works	Do. do.	(*Vide* under Cement Manufacture.)				Bricks .. 1,066 Tiles .. 1,090 Concrete pipes. 776	9,870 21,530 49,800	
	3. Government Brick Fields ..	Do. do.	150	220	May	..	Bricks .. 10,463 Tiles .. 299	28,383 4,375	
	4. Madras Brick, Tile and Iron Works.	Do. do.	91	..	....	..	Bricks .. 200 Tiles .. 100	6,000 3,000	
Tinnevelly ..	5. Messrs. Muthusami & Co. (Limited).	Manufacture of English roofing, paving and ridge tiles.	15	..	....	2,000	NO. Tiles .. 45,000	1,200	
South Canara	6. Basel Mission Works, Kudroli ..	Tile manufacture ..	421	425	Jan. to May & Oct. to Dec.	..	9,000,000	45,000	
	7. Basel Mission Works, Jeppo ..	Tile and brick manufacture.	202	250	Do.	..	Tiles .. 7,200,000 Bricks .. 1,200,000	36,000 5,000	
	8. Basel Mission Works, Malpe (Udipi.)	Tile manufacture ..	143	169	Jan. to June .	..	945,888	24,137	
	9. Messrs. Morgan & Sons, Jeppo ..	Do. ..	64	65	Jan. to May & Oct. to Dec.	..	3,000,000	15,000	
	10. Messrs. J. Lobo & Sons, Bolur ..	Do. ..	20	35	Do.	..	1,200,000	6,000	
	11. Messrs. P. Albuquerque & Sons, Bolur.	Do. ..	110	115	January to May, October to December.	..	3,600,000	18,000	
	12. Messrs. Alexander Pais & Sons, Bolur.	Do. ..	30	50	Do.	..	1,800,000	9,000	
	13. Messrs. D. J. Rego & Sons, Bolur.	Do. ..	16	25	Do.	..	1,350,000	6,750	
	14. Messrs. Alwaris & Co., Jeppo ..	Do. ..	20	35	Do.	..	1,800,000	9,000	
	15. Messrs. Coelho & Brothers, Bolur.	Do. ..	22	35	Do.	..	1,800,000	9,000	
	16. N. S. Coelho, Bolur	Do. ..	10	15	Do.	..	750,000	3,750	Messrs. D. R. Baptist & Sons transferred this factory to N. S. Coelho in September 1896.
	17. Messrs. D. R. Baptist & Sons, Bolur.	Tile manu.							
	18. Chinoji Rau & Co., Bolur ..	Do. ..	15	22	Do.	..	900,000	4,500	Messrs. J. Minases & Sons transferred this factory to Messrs. D. R. Baptist & Sons during 1897.
	19. B. M. Banjer & Co., Bolur ..	Do. ..	15	20	Do.	..	1,200,000	6,000	
	20. Messrs. A. Albuquerque & Sons, Ullal.	Do. ..	30	50	Do.	..	900,000	4,500	This is the same as the Mangalore Tile Company.
	21. B. Thimmappa Row's Works, Bolur.	Do. ..	25	50	Do.	..	1,800,000	9,000	
	22. P. G. Albuquerque and Sons, Bolur.	Do. ..	..	40	5th Oct. to the end of Dec.	..	1,500,000	7,500	
	23. A. P. Matpadi and Brothers, Bolur.	Do. ..	..	20	April to December.	..	300,000	1,500	Newly started.
	24. Shaik Abdul Ghani and Co., Bolur.	Do. ..	..	20	Do. ..	..	600,000	3,000	Do.
	25. The Mangalore Tile Works of Shiriya.	Do. ..	1	4	January to April.	10,500	900,000	4,500	Do.
	26. Messrs. Henkie and Co.'s Tile Works at Calicut.	Do. ..	132	..	..	..	75,000	1,500	Do.
	27. Messrs. D. Maneckji and Co.'s Tile Works at Calicut.	Do. ..	25	40	October to April.	..	1,570,000	39,250	
Malabar ..	28. Basel Mission Tile Works at Calicut.	Do. ..	250	..	..	..	470,000	14,700	
	29. Basel Mission Tile Works, Palghat.	Do. ..	278	..	..	..	1,800,000	50,000	
	30. Do. do. Ponnáni.	Do. ..	225	..	..	..	1,800,000	45,000	
	31. Shoranur Tile Works	Do. ..	30	..	..	..	1,550,000	38,500	
				Timber Mill, &c.			190,000	5,400	Newly started.
Nagapatam	1. Timber Mill	Sawing timber	45	..	..	..	6,136 cubic feet.	9,204	
Gódávari ..	2. The Gódávari Steam Saw Mills ..	Sawing wood	8	..	..	..	207 tons.	12,984	
Coimbatore.	3. Wesleyan Mission Children's Home Industrial School.	Carpentry and iron manufacture.	..	63	..	..	....	25,727	It is reported that owing to the miscellaneous nature of the work done information for column 8 cannot be furnished. Do. in regard to column 9.
		Weaving	..	23	..	..	....	2,542	
		Rattan work	..	12	..	..	....	465	
Malabar ..	4. Messrs. D. Maneckji and Co.'s Saw Mill at Calicut.	Sawing timber	30	35	October to April.	..	10,000 candies.	..	
	5. Mr. Brown's Malabar Steam Saw Mills.	Do.	85	..	..	..	140,000 cubic feet.	2,00,000	

Statistical Return of Industries of the Madras Presidency for the year 1897—*cont.*

District.	Name of work or factory.	Nature of industry.	Average number of persons employed daily			Capital, if a joint stock company.	Annual outturn.		Remarks.
			Throughout the year.	During a special working season.			Quantity.	Value.	
				Number.	Months.				
1	2	3	4	5	6	7	8	9	10
		Tobacco Farms and Cigar Factories.							
						Rs.	NO. 992000 ~~84,000~~	Rs.	
Gódávari ..	1. Six Cigar Factories	Manufacture of cigars ..	2	50	..	..		6,101	~~Represents the outturn of three factories only.~~
Madras ..	2. Messrs. Wilson & Co.'s Cigar Factory.	Do. ..	10	..	..	..	550,000	8,250	
	3. Messrs. McDowell & Co. ..	Do. ..	..	..	..	..	....	..	Particulars have not been furnished.
Chingleput.	4. Messrs. Oakes & Co.	Do. ..	..	..	..	..	....	..	Do.
Trichinopoly	5. Messrs. Peterson & Co. ..	Do. ..	10	15	April, May Sept. to Nov.	1,350	153,198	455	
	6. Subramania Pillai	Do. ..	10	20	July to Nov.	..	1,240,000	12,400	
	7. Mariappa Pillai	Do. ..	20	25	Jan. to May.	2,000	2,927,445	18,286	
	8. Arumuga Mudali	Do. ..	20	30	Jan., Feb., Oct. to Nov.	10,000	2,168,300	21,683	
	9. Hajee Mahomed Ibrahim ..	Do. ..	10	15	February ..	..	121,800	1,218	
	10. Ramasami Thevan	Do. ..	2	4	April, May, Sept. to Nov.	..	45,000	487	
	11. Arumuga Pillai	Do. ..	10	15	Aug. to Nov.	..	663,500	10,325	
	12. Ramasami Mudali	Do. ..	10	12	Nov. to Jan.	2,500	661,275	5,291	
	13. Periyasami Pillai	Do. ..	9	10	Jan., April, June and Aug.	3,000	700,000	3,500	
	14. Narayanasami Pillai	Do. ..	4	6	Nov. and Dec.	..	266,375	2,720	
	15. P. Alaga Pillai	Do. ..	5	6	Jan to April.	..	408,936	4,085	
	16. Periyanna Thevan and Subramania Thevan.	Do. ..	10	15	April, May, Sept. to Nov.	..	1,453,900	12,660	
	17. Angamuthu Pillai	Do. ..	5	7	May, July, Oct. to Dec.	..	503,940	5,039	
	18. Therumaneva Pillai	Do. ..	3	5	Jan. and Feb.	1,020	302,000	3,020	
	19. Nathadsa Rowther	Do. ..	6	7	January ..	500	603,000	3,015	
Madura ..	20. Kuppusami Naick and Sons ..	Do. ..	15	20	Dec. to March.	..	600,000	4,800	
	21. Arokiam Pillai & Co.	Do. ..	10	17	Do.	..	500,000	4,000	
	22. Messrs. Spencer & Co.	Do. ..	1,000	..	..	..	15,000,000	4,50,000	
	23. Messrs. Mengel & Co.	Do. ..	..	..	..	2,00,000	..	..	Particulars have not been furnished.
	24. Mamundi Naick	Do. ..	2	..	April and May.	..	48,000	480	
Malabar ..	25. Messrs. Henkie & Co.	Do. ..	..	..	..	..	..	..	Not worked in 1897.

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B. P. No 184 dated 30 June 1898.
(C. No. 4927)

To the Under Secretary:

With reference to the Board Proc. No. 604 dated 23.2.1892 the Board request a return in the above Proforma showing the statement of work in Madras for the calendar year 1897.

2. The particulars called for by the Board of Customs in regard to these industries were:—

(i) Number of persons employed.
(ii) Capital if a joint stock.
(iii) Quantity and value of outturn.

3. It will be seen from the statement now submitted by the Board that the above information is furnished in respect of only two factories in the Trichinopoly district and one in the Madura district.

(i) Reasons for this.
(ii) Current works.
(iii) Copper works.
(iv) Other printing, dyeing and tanning factories that may be in the Presidency and which are established and working.

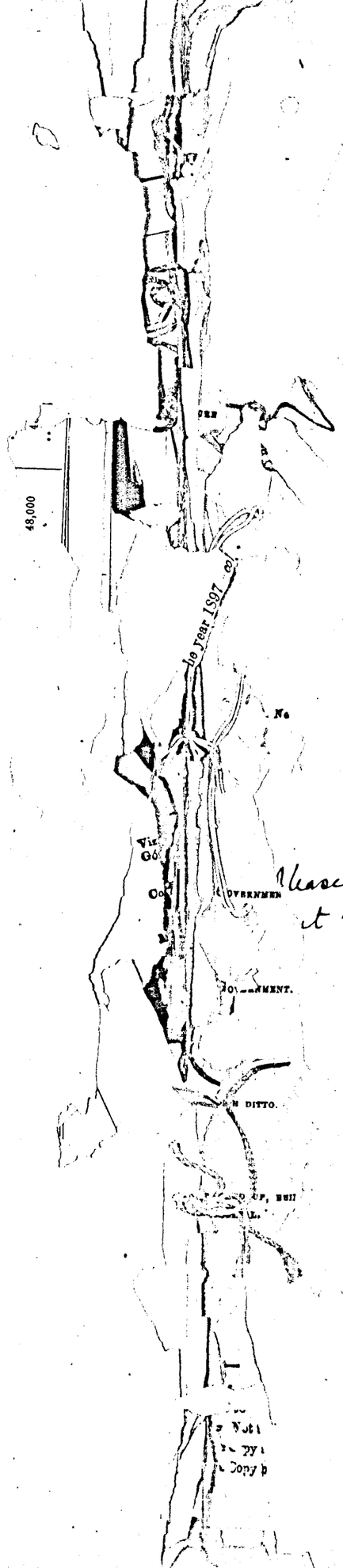
Mills.

vi) Dairy farms
vii) Flour mills
(viii) Glass Bangles
(ix) Go[illegible] Mining
(x) Ice [illegible]ies
(xi) Lac[illegible] ies and Varn
(xii) Iron [illegible] brass foundaries
(xiii) Mineral & Aerated water factories
(xiv) Oil Mills
(xv) Rice Mills
(xvi) Rope works
(xvii) Saltpetre industries
(xviii) Soap factories
(xix) Sugar factories
(xx) [illegible]ies
(xxi) manufactu
(xxii) Timber mill &c
(xxiii) Tobacco farms and Cigar factories.

for the year 1897—co

As pointed out by the Board the returns is far from complete and in many cases particulars have not been furnished and an entry is made to that effect. The Board accordingly considers that it is useless to attempt more progress.

4



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4. The Board, however, requests that to assist it in making its return complete a list of all industries in which information is desirable may be furnished. The Board also requests information on the following points:—

(i) Whether particulars as to the output of iron ore, plumbago, corundum, manganese, mica, soapstone and quarry stones should be furnished in the return:

The Board states that under instructions contained in the letter from the Asst Secy to the Govt of India No 4104 dd 15-8-9 only gold mines are now shown in the return but that as the return for the whole of India shows all mines other than coal mines and quarries as large industries the same course should be adopted in the Madras returns. [In this connection it is observed that the Assistant Secy's letter above referred to was addressed direct to

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Board of Revenue]. As regards the (vi) industries which should be (vii) included in the return the (viii) instructions of the Govt. of (ix) India was as follows:- (x) "The return is intended to (xi) contain only statistics of (xii) industries not already separately (xiii) given. In the Bengal return (xiv) are shown a number of petty (xv) paper and saltpetre manu- (xvi) factories worked apparently (xvii) at their homes by individual (xviii) owners. The object is to record (xix) statistics of large industries (xx) in the returns and statistics (xxi) of small industries such as (xxii) those which are almost always very untrustworthy and incomplete, are not required".

The question for consideration is whether, by adding to the list the small mining operations which are now carried on in this Presidency, the list will not be made more untrustworthy than it is now.

(i) Whether all works connected with railways or financed by Govt. should not be excluded.

In the Resn of the Govt of India above quoted it was stated:- "The Bengal returns gives also statistics of the East Indian Railway workshops at Howrah. These are not wanted. The Board is therefore correct in its presumption that such works should be excluded.

(iii) Whether particulars as to industries in the Native States of Travancore & Cochin, which are now omitted should be entered.

Submitted that it is desirable that information should be furnished as regards Travancore and Cochin also.

5. The Board states that on receipt of the instructions above asked for it will issue detailed instructions to Collectors regarding the preparation of the returns for the ensuing year.

The Board's Proc. have

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from 310 Fin. Dept.
6-3-52

No: the Govt. has
Statistics of Railways
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The Manganese industry is not a small industry but a most important one. The omission of this was remarked on by the Govt. of India (or the S. of State).

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addressed to the Govt of India direct by the Board. It will be seen from the typewritten copy of the B.P. No 346 of 6.9.1894 that the Govt of India has been issuing instructions to the Board on the subject. It is presumed that in the present case also the Director General of Statistics will communicate to the Board the decision of the Govt of India on the several questions raised

10.8.99.

There seems to be room for the Govt to address the Govt of India in the matter of the Bd: But it might be pointed out to the Bd that it would assist a Govt Office furnishing it with at least approximate figures for columns 4 to 9 of the return. Of course many difficulties in furnishing details but they all [illegible] a collection which has become [illegible]

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