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**HUNDRED YEARS OF COMMODITY PRICES
IN PUNE MARKET, 1761-1860 A.D.**

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U.G.C. Project on "Prices and Wages in Western India,
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"Hundred Years of Commodity Prices in Pune Market,
1761-1860 A.D."

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Statistical tables presented here put forth series of prices for 15* important commodities in Pune market between the years 1760-61 and 1859-60. They are mostly wholesale prices. Where retail prices are given, they are mentioned so accordingly.

I Sources

For compiling statistical series on the subject, no single, homogeneous and comprehensive source, published or unpublished, was available. Therefore, a number of sources had to be consulted as follows:

- 1) Unpublished archival sources (Pune Archives)
 - a) Prant Ajmas Pune Rumals
 - b) Ghadni Rumals
 - c) Documents in a section called, 'Selected Papers for Research' (Samshodhanāsāthi Niwadlele Kāgad)
 - d) Paimash Daftar,
 - e) Dakshin Commissioner Daftar (Marathi), and
 - f) Khāsgi Daftar
- 2) Published Government Papers
 - a) Survey and Settlement Reports of the Government of Bombay; "Papers : Revision Survey Settlement (1890) 25 Government Villages of the Haveli taluka". These papers contain tables giving prices of jowar, bajra, wheat, rice and gram. They are

* Bajra, jowar, wheat, rice, dal of gram, dal of turi, karale, sesamum, salt, edible oil, gur, ghee, firewood, silver, gold

presented in terms of measured seers (1 seer = 80 tolas) per rupee. The series starts from the year 1838-39 and continues beyond 1859-60.

- b) Sir H. Bartle Edward Frere's 'Memorandum on Prices in western India' (appears as Appendix no. 4) in Great Britain, House of Commons, Select Committee on East India Finance, Report and Minutes of Evidence, (Parl. Paper, 363, London, 1871, pp. 613-626) mentions the report of a Price Commission of 1863 appointed by the Government of Bombay and contains price tables for wheat, jowar, rice, firewood, ghee, mutton, fowls, for the cities of Bombay, Poona, Belgaum and Ahmedabad for the years 1824 to 1863.

The Report was not available at the Bombay Archives, but was traced at the India Office Library, London, and a photo-copy of the same is now available at the Library of the Gokhale Institute of Politics and Economics, Pune.

- c) Bombay Government Gazettes give monthly price tables for all important commodities from June 1855 onwards. The price quotations are 'Retail Prices per Company Rupee'; the quantities expressed are in terms of vazani (weight) maunds, seers and tolas.
- d) Bombay District Gazetteers (1880), Poona district, (Vol. 18).
- e) A.T. Etheridge's Report on past famines of the Bombay Presidency (Bombay, 1868) contains grain prices for some years between 1775 and 1867 for different areas.

3) Books

- a) H. Green, The Deccan Ryots and their Land Tenure (Bombay, 1852) contains average market prices of different commodities for Pune city for some years between 1775 and 1829, and for 1852. (Referred to as Green).
- b) W.H. Sykes, 'Prices of the cerealia and other edibles in India and England compared', Journal of the Royal Statistical Society of London, Vol. 10 Nov. 1847.
- c) N.G. Chapekar, Peshwāichya Sāvāleet (Pune, 1937).

After taking down price data as and where available in various sources, it was necessary to make selection out of them, correlate figures from different sources, and put the selected figures in a standardised form. In fact, this was the crucial part of the entire work. The figures as they appear finally in the tables in the following sheets, are expressed in terms of kilograms of a commodity available for a standard rupee having a specific weight of silver (discussed later). Prices of gold and silver, however, are expressed in terms of rupees per tola (11.66 grammes).

1. Unpublished archival sources: The Rumals in Ghadni and Prant Ajmas sections include account sheets giving the details of transactions involving various commodities. It can be said that the data available in various rumals in the sections of Ghadni and Prant Ajmas are dependable and of good quality. Generally, the required data are available in certain specific papers in the Rumals. While making a choice between one available data and another, however, the nature of specific transaction has been taken into account. For example, price figures of actual transaction of sale and purchase have been

preferred to the money provisions made for intending transactions.

Rumals under Ghadni and Pune Prant Ajmas have been more particularly useful for the prices ruling between 1760-61 and 1804-05. When price figures for Pune market (proper) were not available, the prices at a nearby place have been considered and selected. [papers in Prant Ajmas / Some Rumals relate to the fort of Simhagad, very near Pune, and give price figures for voluminous transactions (involving hundreds of khandis of various commodities) for a fairly good number of years. They have, therefore, proved to be an important major source for price figures for this period.

In almost all cases, information was available about the magnitude of the local seer. Adjustments regarding the magnitude of the common Pune seer were made accordingly. In very rare cases, the given local seer has been considered as equal to the seer at Pune in the absence of any other information to the contrary.

When two or more price figures for a given commodity for the same date/year were available in different sources, the movement of price of a related commodity (e.g., bajra and jowar, gram and turi etc.) during that year was taken into account, to choose one price figure from another. The relevance of the overall situation was also kept in view.

Certain ratios relating to weights and measures were found to be mentioned in various documents. They were useful for filling in the gaps of required prices, or improving the comparability of scattered and varying data.

One such ratio gave the volume of rice as half of the paddy from which it was obtained (Document C 8034 in Packet 11 of Rumal 3, Ghadni). Another ratio gave the volume of 'dal of turi' to that of its corresponding 'turi' as 3:4 (Paimash

Daftar Rumal no. 134).

Due to the non-availability of original figures, certain prices have been presumed to be existing in the case of bajra for 6 different years scattered over the entire period of 100 years. The years are: (i) 1760-61 and (ii) the period between 1831-32 and 1835-36 (both years included). Factors governing the prices of bajra and jowar are very similar in all respects like production, distribution and consumption. So, the 'presumed' prices for bajra are based on the available price trend of jowar in the corresponding years. The ratio between the average price of bajra to that of jowar for the available five following years, was used for computing the price of bajra for 1760-61. For the period of five years, 1831-32 to 1835-36, prices of 5 preceding years and 3 following years were considered: One can draw one's conclusion about the reliability of this procedure keeping in view that these ratios were, respectively, 0.81 and 0.79.

Paimash Daftar was relied upon exclusively for the period between 1805-06 and 1830-31. Other Rumals were consulted only when the relevant data were not available in that Daftar, e.g., prices of salt between 1805-06 and 1807-08, price of ghee in 1805-06, etc.

Compilers of the Paimash Daftar computed a weighted average daily price of the commodity, taking into account the available transactions on a given day for a given commodity. Monthly average price was arrived at on the basis of a simple average of daily prices, and the yearly price was taken to be a simple average of monthly prices. When the price at a nearby village was considered in the absence of relevant information for Pune market, adjustments were made not only for the differences between local weights and capacities

and those at Pune, but also for transport and octroi duties, that would have been paid, had the commodity been actually brought for sale at Pune. Ultimately, all kaili, or, capacity seers were uniformly expressed in terms of a kaili seer of 100 Ankushi rupee bhār (defined later) and all vazani, or, weight seers in terms of a seer weighing 80 Ankushi rupee coins.

2. Published government reports: These were used largely to obtain data about prices during the period from 1831-32 to 1859-60. Settlement Reports, 'Memorandum on prices in western India' (1871) Report by Sir H.J.E. Frere, and Bombay Government Gazettes 1832 to 1860 were of particular use in this regard, in that order.

3. Price figures appearing in certain contemporary works mentioned above have been used only when none of the above original sources could be of any help.

II Weights, measures, and units of currency

Of the 12 commodities falling under foodgrains and related items, the prices of nine of them have been expressed in original sources, in terms of capacity seers per rupee (kaili), for the period from 1760-61 to 1830-31. These nine commodities are : bajra, jowar, wheat, rice, dāl of gram, dal of turi, karale, sesame and salt. For remaining three commodities, namely, edible oil, gur and ghee, prices are expressed in original sources, as weight (vazani) seers per rupee (for the same period).

So far as the period between the years 1831-32 and 1859-60 is concerned, all the available price figures are expressed in terms of 'tolas' per rupee, or, 'pounds' (avoirdupois) per rupee. However, Green (1852) gives a few prices of above-mentioned nine commodities in terms of capacity

seers per rupee throughout.

The price of firewood has been expressed in terms of vazani seers, of some given standard, per rupee, throughout the period of 100 years and could easily be converted to the form of so many kilograms per rupee.

So was the case with gold and silver, the prices of which were available in terms of rupees per 'tola' throughout.

III Standardization

Efforts have been made here to present all prices, except those of gold and silver, in terms of kilograms per Ankushi Rupee.

The unit of currency, namely, the Ankushi Rupee, was used for transactions in Pune market throughout the period of 100 years. However, after 1835, the E.I.Co. Rupee (also known as 'Suratee Rupee') gradually gained dominance in the markets and government offices.

The enactment of the Legislative Department of the Bombay Government, dated 17th August 1835, in this regard, said:

"I. Be it enacted, that from the first day of September 1835, the undermentioned Silver Coins only shall be coined at the Mint within the Territories of the East India Company - A Rupee, to be denominated the Company's Rupee..." (Bombay Government Gazette, 1835, p. 387).

The Ankushi Rupee coin was, however, freely accepted at the fixed rate of 100 Ankushi rupees = 95.92 Company rupees.

The relationship between tolas, grammes and pounds was as follows:

1 Tola = 11.66380 Grammes, and

1 Kilogram = 2.20462 Pounds (avoirdupois)

The other two relationships which follow from the above are:

1 Kilogram = 85.7353 Tolas, and

1 Pound (avoirdupois) = 38.8889 Tolas.

Conversion of capacity seers per rupee into kilograms per rupee

The 'capacity seer' which was used in the market of Pune city, when fully filled, contained within it wheat weighing 97.5 Ankushi rupee coins. (Paimash Daftar Rumal No. 6). This was called as bhar of 97.5 in terms of wheat.

One Ankushi rupee coin weighed 88 Gunjas. (Ghadni Rumal no. 640).

Thus, the weight of 97.5 Ankushi rupee coins turned out to be:

$$(97.5 \times 88) \div 96 \text{ Tolas, or, } 89.375 \text{ Tolas} \\ \text{or, } 1.04245 \text{ Kilograms.}$$

Allowing some elements of approximation, what applied to wheat also applied to bajra, jowar, dal of gram, dal of turi, and salt. (Ref. Bombay Gazette, Vol. 44 Dhule: No. 1 (1865) p. 51. Also, Ghadni Rumal 46:1:126820).

So far as rice in the Pune market was concerned, a detailed exercise made by revenue officers of considering the pāyli māp or capacity unit of 16 shops in the city, in 1830, showed that, on an average, rice was 1.027 times heavier than wheat of the same volume.

$$100.17 \div 97.50 = 1.027 \text{ (Paimash Rumal no. 60).}$$

As is known well, karale and sesame are considerably lighter than wheat. From actual observation, wheat weighed 7/5 times heavier relative to sesame and karale of equal volume.

Vazani units

Prices of commodities as available after 1830-31, are expressed in vazani units per rupee (mostly, tolas or pounds) and could be easily converted to the form of

kilograms per rupee, using one of the four relationships mentioned above.

The above discussion relating to standardization has been summarized in the following table:

Multiplication Factors converting the originally given form of seers per rupee to the form of kilograms per rupee (Pune market only):

Period	Original form	Multiplication Factor leading to the form of Kgs. per rupee
(1) <u>Jowar, Bajra, Wheat, Dal of Turi</u>		
1760-61 to 1804-05 1836-37, 1837-38, 1851-52	Capacity seers per rupee	1.04245
1805-06 to 1830-31	Capacity seers per rupee	1.06918 ^(a)
(2) <u>Dal of Gram</u>		
1760-61 to 1805-06	Capacity seers per rupee	1.04245
1806-07 to 1830-31	Capacity seers per rupee	1.06918
(3) <u>Salt</u>		
1760-61 to 1807-08 1851-52	Capacity seers per rupee	1.04245
1808-09 to 1830-31	Capacity seers per rupee	1.06918
(4) <u>Rice</u>		
1760-61 to 1814-15	Capacity seers per rupee	1.07 ^(b)
(5) <u>Karale and Sesame</u>		
1760-61 to 1804-05 1851-52	Capacity seers per rupee	0.7446 ^(c)
1805-06 to 1830-31	Capacity seers per rupee	0.7637 ^(d)
(6) <u>Edible oil, gur, ghee, Firewood etc.</u>		
1760-61 to 1830-31 1851-52	Vazani seers per rupee	0.855345 ^(e)

(1 seer = 80 Ankushi rupee coins)

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Period	Original form	Multiplication Factor leading to the form of Kgs. per rupee
1828-29 to 1859-60	Vazani seers per rupee (1 Seer = 80 Tolas)	0.933104 ^(f)
1823-24 to 1859-60	Pounds (avoirdupois) per rupee	0.453593 ^(g)

$$(a) \quad 1.04245 \times \frac{100}{97.5} = 1.06918$$

$$(b) \quad 1.04245 \times \frac{100.17}{97.5} = 1.07$$

$$(c) \quad 1.04245 \times \frac{5}{7} = 0.7446$$

$$(d) \quad 1.06918 \times \frac{5}{7} = 0.7637$$

(e) Weight of 80 Ankushi rupee coins

$$= 80 \times 88 \text{ Gunjas (Ghadni Rumal no. 640)}$$

$$= \frac{80 \times 88}{96} \text{ Tolas}$$

$$= 73.3333 \text{ Tolas}$$

$$= \frac{73.3333}{85.7353} \text{ Kg.} = 0.855345 \text{ Kg.}$$

(f) 80 Tolas = 80 X 11.66380 gms.

$$= 933.104 \text{ gms.} = 0.933104 \text{ Kg.}$$

(g) 1 Pound (avoirdupois) = $\frac{1}{2.20462}$ Kg.

$$= 0.453593 \text{ Kg.}$$

Table A

Five-year Moving Averages of the Prices of Jowar and Bajra,
1760-61 to 1859-60 in the Pune market (Kas. per Rupee)

Years	Five-year Moving averages		Years	Five-year Moving averages	
	Jowar	Bajra		Jowar	Bajra
1760-61	-	-	1793-94	18.63	14.26
1761-62	-	-	1794-95	19.95	14.26
1762-63	26.57	21.26	1795-96	19.95	15.41
1763-64	24.19	19.72	1796-97	19.53	15.31
1764-65	23.15	19.56	1797-98	16.78	14.90
1765-66	22.73	19.98	1798-99	17.62	15.16
1766-67	21.05	21.04	1799-1800	18.66	16.83
1767-68	19.80	20.14	1800-01	19.21	17.17
1768-69	20.89	20.56	1801-02	20.59	17.15
1769-70	22.13	21.50	1802-03	21.04	14.84
1770-71	22.80	20.56	1803-04	18.45	13.44
1771-72	22.63	18.94	1804-05	16.82	11.95
1772-73	24.07	19.50	1805-06	18.76	13.53
1773-74	24.91	21.11	1806-07	18.82	15.67
1774-75	23.63	20.22	1807-08	19.59	18.31
1775-76	23.05	21.06	1808-09	21.02	19.34
1776-77	23.27	21.70	1809-10	20.66	18.97
1777-78	22.62	21.83	1810-11	19.14	17.49
1778-79	23.44	21.93	1811-12	19.42	16.95
1779-80	25.14	23.42	1812-13	20.87	17.51
1780-81	26.23	24.29	1813-14	23.56	19.03
1781-82	28.15	25.83	1814-15	26.98	21.12
1782-83	29.26	27.68	1815-16	27.31	21.17
1783-84	29.47	28.33	1816-17	26.10	20.33
1784-85	28.70	28.20	1817-18	23.72	18.56
1785-86	26.51	25.87	1818-19	20.67	16.82
1786-87	25.52	24.30	1819-20	21.14	17.30
1787-88	25.30	22.30	1820-21	30.04	22.64
1788-89	22.56	20.81	1821-22	31.01	23.16
1789-90	19.94	18.31	1822-23	30.53	22.77
1790-91	18.86	16.84	1823-24	33.03	24.41
1791-92	17.77	15.40	1824-25	35.02	25.87
1792-93	17.62	14.89	1825-26	28.41	22.98

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Table A contd...

Years	Five-year Moving Averages		Years	Five-year Moving Averages	
	Jowar	Bajra		Jowar	Bajra
1826-27	31.98	26.45	1843-44	35.37	26.78
1827-28	36.15	29.07	1844-45	31.54	22.86
1828-29	38.11	30.89	1845-46	33.03	24.35
1829-30	35.63	29.21	1846-47	36.21	25.75
1830-31	34.35	27.36	1847-48	39.00	27.43
1831-32	33.99	26.59	1848-49	40.68	28.55
1832-33	32.92	26.34	1849-50	43.67	31.54
1833-34	30.49	24.10	1850-51	42.55	30.61
1834-35	30.75	24.66	1851-52	37.79	28.37
1835-36	35.42	27.52	1852-53	34.81	26.13
1836-37	35.47	27.34	1853-54	34.43	27.06
1837-38	38.34	29.48	1854-55	32.75	26.50
1838-39	39.81	30.82	1855-56	29.39	24.45
1839-40	41.63	31.17	1856-57	28.18	23.61
1840-41	39.99	30.28	1857-58	29.67	23.98
1841-42	40.87	30.37	1858-59	-	-
1842-43	38.17	29.02	1859-60	-	-

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Table B

Index Numbers for the Prices of Jowar and Bajra,
1760-61 to 1850-60 in the Pune market (1807-08=100)

Years	Index Number		Years	Index Number	
	Jowar	Bajra		Jowar	Bajra
1760-61	109	95	1793-94	75	54
1761-62	109	90	1794-95	109	81
1762-63	100	90	1795-96	85	77
1763-64	111	84	1796-97	79	63
1764-65	104	99	1797-98	50	59
1765-66	61	62	1798-99	67	52
1766-67	88	87	1799-1800	54	72
1767-68	92	99	1800-01	102	82
1768-69	78	107	1801-02	100	99
1769-70	78	80	1802-03	61	66
1770-71	83	71	1803-04	94	51
1771-72	112	107	1804-05	63	22
1772-73	105	79	1805-06	50	52
1773-74	74	72	1806-07	68	67
1774-75	107	92	1807-08	100	100
1775-76	99	106	1808-09	96	97
1776-77	87	88	1809-10	79	79
1777-78	94	97	1810-11	79	74
1778-79	78	86	1811-12	60	59
1779-80	94	95	1812-13	70	68
1780-81	116	108	1813-14	101	86
1781-82	121	120	1814-15	108	91
1782-83	116	116	1815-16	133	107
1782-83	117	119	1816-17	129	104
1783-84	117	135	1817-18	76	69
1784-85	120	122	1818-19	77	68
1785-86	105	117	1819-20	60	53
1787-88	72	66	1820-21	72	69
1788-89	97	85	1821-22	138	114
1789-90	112	92	1822-23	254	184
1790-91	65	90	1823-24	96	79
1791-92	53	63	1824-25	51	45
1792-93	50	34	1825-26	122	105

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Table B contd...

Years	Index Number		Years	Index Number	
	Jowar	Bajra		Jowar	Bajra
1826-27	178	146	1843-44	179	135
1827-28	122	122	1844-45	116	113
1828-29	168	154	1845-46	86	77
1829-30	134	101	1846-47	93	44
1830-31	161	144	1847-48	187	157
1831-32	129	110	1848-49	243	165
1832-33	96	82	1849-50	172	149
1833-34	161	137	1850-51	120	101
1834-35	112	96	1851-52	153	109
1835-36	112	96	1852-53	164	137
1836-37	134	122	1853-54	148	117
1837-38	190	144	1854-55	112	101
1838-39	162	133	1855-56	112	121
1839-40	170	142	1856-57	120	97
1840-41	142	125	1857-58	97	93
1841-42	170	129	1858-59	123	99
1842-43	157	125	1859-60	142	109

Table C

Quinquennial Average Prices of Jowar and Bajra
between 1760-61 and 1859-60 in the Pune market
(Kgs. per rupee)

<u>Quinquennia</u>	<u>Average price of Jowar</u>	<u>Average price of Bajra</u>
1761-65	26.57	21.26
1766-70	19.80	20.14
1771-75	24.07	19.50
1776-80	22.62	21.83
1781-85	29.26	27.68
1786-90	25.30	22.30
1791-95	17.62	14.89
1796-1800	16.78	14.90
1801-05	21.04	14.84
1806-10	19.59	18.31
1811-15	20.87	17.51
1816-20	23.72	18.56
1821-25	30.53	22.77
1826-30	36.15	29.07
1831-35	32.92	26.34
1836-40	38.34	29.48
1841-45	38.17	29.02
1846-50	39.00	27.43
1851-55	34.81	26.13
1856-60	29.67	23.98

Table D

Highest and Lowest Prices of Jowar and Bajra during successive Quinquennia between 1760-61 and 1859-60 together with their corresponding Indices (1807-08=100) (Kgs. per rupee)

Quinquennia	Jowar				Bajra			
	Highest Price	Lowest Price	Highest Index	Lowest Index	Highest Price	Lowest Price	Highest Index	Lowest Index
1761-65	25.02	27.78	100	111	19.49	23.02	84	99
1766-70	15.18	22.93	61	92	14.38	24.79	62	107
1771-75	18.50	28.08	74	112	16.47	24.76	71	107
1776-80	19.59	24.80	78	99	19.86	24.48	86	106
1781-85	28.87	30.18	116	121	25.02	31.27	108	135
1786-90	17.93	29.97	72	120	15.18	28.27	66	122
1791-95	12.51	27.30	50	109	7.79	20.85	34	90
1796-1800	12.51	21.33	50	85	11.99	17.72	52	77
1801-05	15.25	25.54	61	102	5.15	22.93	22	99
1806-10	12.58	24.97	50	100	11.99	23.15	52	100
1811-15	15.06	26.88	60	108	13.65	21.14	59	91
1816-20	14.99	33.21	60	133	12.31	24.77	53	107
1821-25	12.62	63.52	51	254	10.35	42.70	45	184
1826-30	30.43	44.50	122	178	23.45	35.58	101	154
1831-35	24.07	40.20	96	161	19.03	33.37	82	144
1836-40	28.09	47.43	112	190	22.20	33.36	96	144
1841-45	28.93	44.79	116	179	26.13	31.26	113	135
1846-50	21.46	60.65	86	243	10.26	38.26	44	165
1851-55	27.99	41.06	112	164	23.33	31.73	101	137
1856-60	24.26	35.46	97	142	21.46	27.99	93	121

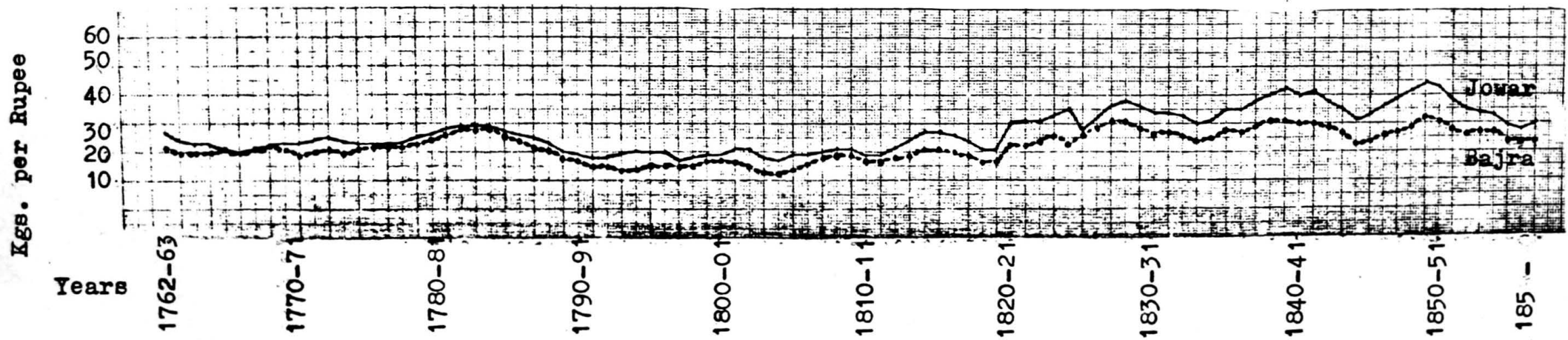
Table E

Highest and Lowest Prices of Jowar and Bajra during eight specific periods between 1760-61 and 1859-60 together with their corresponding Indices (1807-08 = 100)

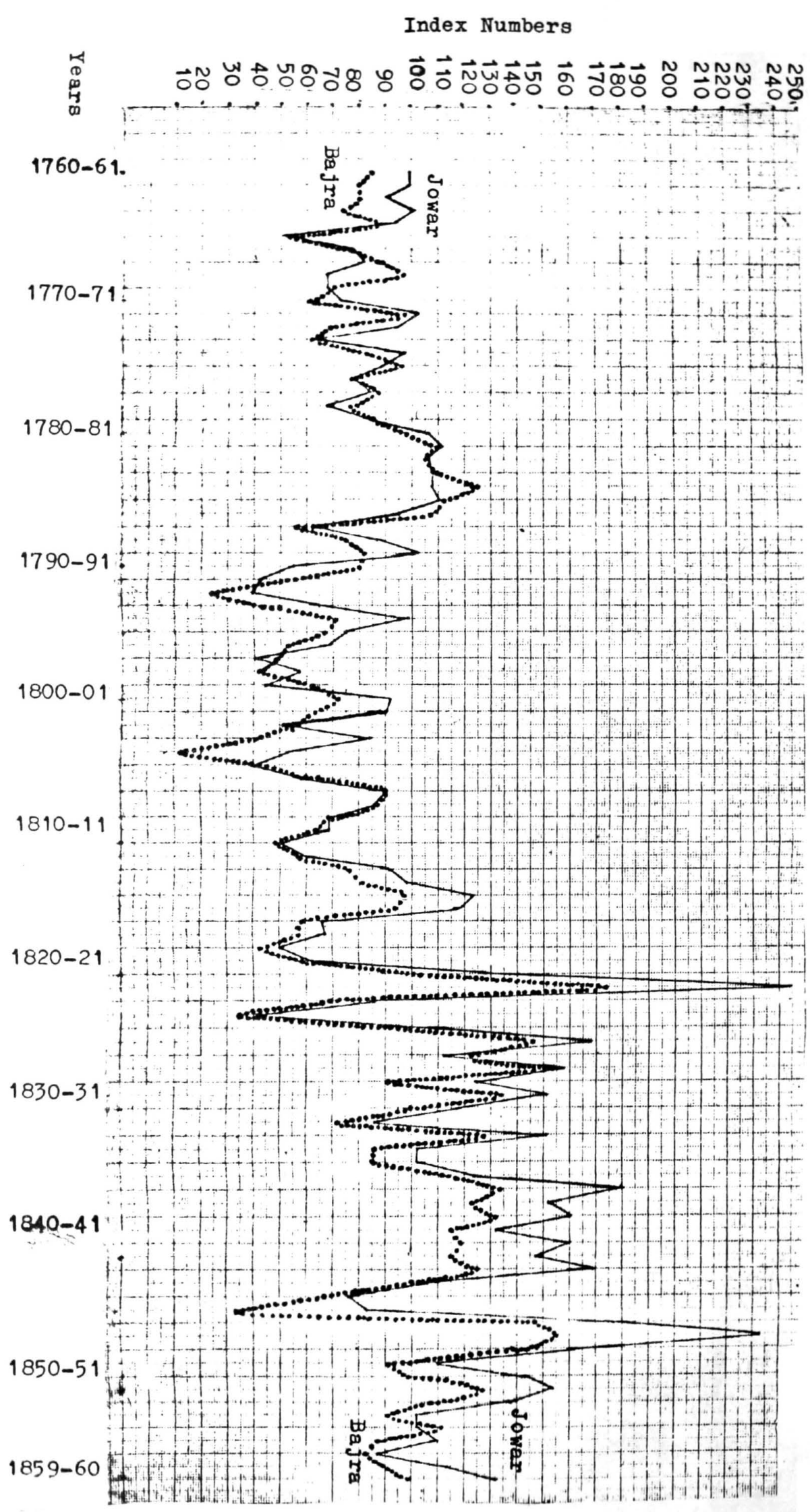
(Kgs. per rupee)

Periods	Jowar				Bajra			
	Highest	Lowest	Highest	Lowest	Highest	Lowest	Highest	Lowest
1762-68	15.18	27.78	61	111	14.38	23.02	62	99
1769-74	18.50	28.08	74	142	16.47	24.79	71	107
1775-79	19.59	26.84	78	107	19.86	24.48	86	106
1780-85	23.57	30.18	94	121	22.01	31.27	95	135
1786-93	12.51	29.97	50	120	7.79	28.27	34	122
1794-1805	12.51	27.30	50	109	5.15	22.93	22	99
1806-50	12.58	63.52	50	254	10.26	42.70	44	184
1851-60	24.26	41.06	97	164	21.46	31.73	93	137

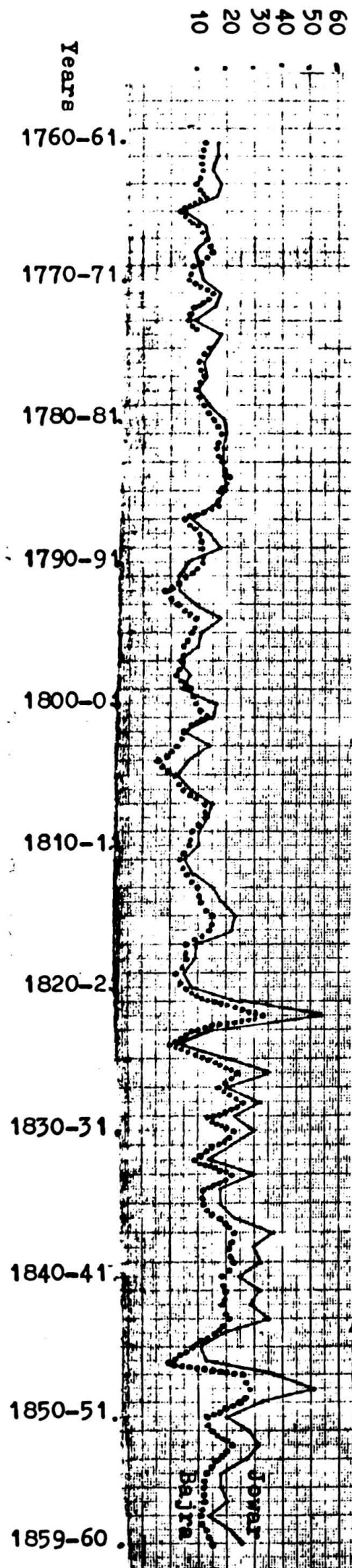
Graph No.1: Five-year Moving Average Prices of Jowar and Bajra in Pune market, 1762-63 to 1857-58 A.D.
 (Kgs. per Rupee)



Graph No. 2: Index Numbers for the Prices of Jowar and Bajra in Pune market, 1760-61 to 1859-60 A.D.
 (1807-08 = 100)



Kgs. per Rupee



Graph No. 3: Prices of Jowar and Bajra in Pune market, 1760-61 to 1859-60 (Kgs. per Rupee)

Average yearly prices of different commodities in the Pune market, 1760-61 to 1859-60
(in Kilograms per rupee)

Years	Jowar	Bajra	Wheat	Rice (husked)	Gram dal	Tur dal	Sesamum	Karale	Salt	Edible oil	Gur	Ghee	Firewood
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1760-61	27.10	22.08	14.59	12.84	28.14	16.68	-	-	33.36	3.42	-	1.28	72.90
1761-62	27.10	20.85	16.68	-	12.51	18.76	-	-	-	-	-	-	97.72
1762-63	25.02	20.85	-	-	12.51	21.89	-	-	-	4.70	-	-	-
1763-64	27.78	19.49	13.09	17.06	13.78	13.22	8.94	-	24.86	2.91	3.53	1.31	97.72
1764-65	25.87	23.02	14.59	12.84	10.80	20.97	9.53	-	41.34	4.28	3.85	1.71	87.95
1765-66	15.18	14.38	13.10	13.54	9.38	14.62	11.62	-	35.44	4.56	3.49	1.71	97.72
1766-67	21.89	20.07	18.06	8.56	13.15	16.19	11.91	-	41.70	4.41	6.68	1.37	97.72
1767-68	22.93	22.93	27.37	12.97	25.02	27.77	-	-	33.36	6.42	5.99	1.12	97.72
1768-69	19.39	24.79	23.14	16.46	18.26	17.40	-	-	26.29	4.76	7.18	1.71	97.72
1769-70	19.60	18.53	17.71	13.49	9.85	11.81	8.94	-	34.53	2.55	8.43	1.51	97.72
1770-71	20.63	16.47	14.59	11.94	12.51	12.51	-	-	44.40	3.82	6.84	1.64	85.50
1771-72	28.08	24.76	18.72	16.18	13.12	9.55	-	-	41.70	4.28	5.82	1.73	76.00
1772-73	26.32	18.24	12.04	13.11	11.13	16.42	8.94	-	41.59	4.84	6.39	1.82	85.50
1773-74	18.50	16.68	16.68	12.84	10.95	13.10	9.69	-	36.43	4.77	4.28	1.61	97.72
1774-75	26.84	21.37	16.68	18.96	12.51	12.77	9.04	-	33.36	4.75	5.10	1.64	85.50
1775-76	24.80	24.48	17.23	16.33	13.70	13.67	8.94	-	29.19	4.22	4.92	1.71	97.72
1776-77	21.70	20.32	19.29	15.92	13.29	16.01	9.53	-	29.19	4.19	5.70	1.98	104.78
1777-78	23.43	22.46	22.50	16.68	14.56	16.45	9.53	-	29.54	4.35	6.63	1.91	52.76
1778-79	19.59	19.86	22.93	14.47	13.81	15.57	8.94	-	31.13	5.09	4.67	1.75	109.44
1779-80	23.57	22.01	21.54	14.17	21.93	19.99	8.94	-	38.48	5.13	8.20	1.71	114.00
1780-81	26.93	25.02	22.93	15.22	21.89	20.85	9.68	-	39.81	5.60	5.86	1.79	-
1781-82	30.18	27.73	26.00	11.75	16.29	23.84	9.53	-	37.93	4.78	5.99	1.57	118.74
1782-83	28.87	26.84	27.62	12.84	21.89	21.05	-	-	32.57	4.70	7.19	1.71	111.67
1783-84	29.19	27.56	25.60	11.50	21.89	20.88	-	-	38.05	4.69	6.84	1.92	118.96
1784-85	29.13	31.27	18.76	14.98	14.16	20.38	8.94	-	33.36	4.28	6.69	1.92	121.60
1785-86	29.97	28.27	26.06	13.84	19.55	21.83	-	-	33.36	5.41	7.30	2.16	118.96
1786-87	26.32	27.08	23.53	10.70	19.55	20.33	9.53	-	34.14	5.30	7.47	2.51	124.36
1787-88	17.93	15.18	11.53	10.76	13.55	10.01	5.96	-	33.36	3.34	7.02	2.16	118.96
1788-89	24.23	19.70	15.87	16.25	15.11	13.04	8.94	-	33.36	4.28	7.57	2.57	114.53
1789-90	26.04	21.25	15.27	13.11	11.37	17.98	8.94	-	43.45	4.53	4.94	2.14	114.00

contd... Prices of different commodities, Pune market (kgs. per rupee)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1790-91	16.29	20.85	14.46	6.96	12.51	11.19	8.94	-	39.61	4.00	5.16	2.27	114.00
1791-92	13.23	14.59	16.68	8.43	11.26	11.13	9.12	-	33.36	4.21	5.51	2.21	101.34
1792-93	12.51	7.79	8.90	9.36	4.71	8.34	-	-	33.34	2.14	5.13	1.37	78.17
1793-94	16.76	12.51	8.34	6.42	5.47	8.34	5.96	-	31.27	2.34	3.21	1.50	-
1794-95	27.30	18.70	13.69	14.98	15.80	14.85	8.94	-	31.27	4.11	3.51	1.81	-
1795-96	21.33	17.72	8.60	13.11	5.08	8.34	5.96	-	28.53	3.72	3.75	1.50	91.20
1796-97	19.84	14.57	9.38	13.31	6.79	8.56	8.94	-	23.44	2.82	3.75	1.26	--
1797-98	12.51	13.55	12.51	9.63	10.42	8.86	3.72	-	26.06	3.00	3.42	1.50	34.20
1798-99	16.68	11.99	11.47	10.70	9.38	9.38	8.19	-	41.70	3.42	4.70	0.97	-
1799-1800	13.55	16.68	9.38	10.70	8.34	8.34	-	-	29.19	4.49	3.85	2.14	-
1800-01	25.54	19.02	13.29	13.81	11.73	13.81	-	-	33.36	3.89	3.53	1.68	114.00
1801-02	25.02	22.93	17.09	10.07	16.39	16.42	6.70	-	28.41	3.86	4.49	2.25	111.67
1802-03	15.25	15.25	12.77	8.56	11.29	11.21	6.51	-	18.44	3.42	4.60	1.21	-
1803-04	23.59	11.86	10.16	9.63	6.98	7.85	3.35	-	33.36	2.44	3.91	1.45	114.00
1804-05	15.80	5.15	3.75	4.28	3.85	3.10	2.14	-	22.93	1.27	2.07	1.05	-
1805-06	12.58	11.99	9.30	8.89	5.76	8.16	7.15	8.64	27.62	2.47	2.45	1.73	100.40
1806-07	16.88	15.49	9.11	10.10	7.03	8.58	7.73	9.19	37.53	2.37	2.77	1.78	69.02
1807-08	24.97	23.15	16.91	10.57	15.08	14.16	8.18	10.79	37.53	3.40	3.74	1.26	81.23
1808-09	23.86	22.55	16.06	12.16	15.24	16.37	9.60	12.60	45.73	3.72	6.45	1.25	103.48
1809-10	19.67	18.35	16.37	12.35	17.10	15.80	12.27	16.96	41.58	4.55	7.68	1.72	-
1810-11	19.73	17.16	13.35	10.90	11.73	10.93	8.14	11.18	41.52	2.56	6.51	1.50	-
1811-12	15.06	13.65	12.12	13.11	9.86	8.60	6.77	10.17	40.13	2.87	6.00	1.32	-
1812-13	17.37	15.72	13.27	10.77	10.50	11.02	9.22	10.71	34.59	3.16	4.87	1.66	82.12
1813-14	25.29	19.87	14.15	10.79	10.87	13.09	8.29	9.77	42.84	3.03	5.56	1.39	-
1814-15	26.88	21.14	14.99	10.13	12.32	16.01	10.23	13.91	45.78	4.06	6.39	1.41	-
1815-16	33.21	24.77	18.38	12.94	14.74	13.80	13.35	16.75	43.56	4.78	6.98	1.70	-
1816-17	32.15	24.12	19.73	15.27	14.75	11.33	10.94	14.15	40.84	3.58	6.31	1.82	-
1817-18	19.02	15.97	16.93	15.59	11.39	10.32	8.19	12.52	29.39	3.54	5.96	1.31	-
1818-19	19.22	15.65	12.86	15.33	10.83	7.86	9.20	11.78	40.52	3.38	5.23	1.39	99.49
1819-20	14.99	12.31	11.74	13.12	11.32	9.66	8.85	11.63	45.45	3.05	5.00	1.83	-
1820-21	17.96	16.06	15.13	12.38	13.61	12.76	7.08	9.83	43.57	2.88	4.28	1.88	-
1821-22	34.52	26.49	24.43	16.40	17.18	18.59	8.37	11.55	46.96	3.77	5.13	1.60	-
1822-23	63.52	42.70	27.65	24.39	23.28	28.04	17.03	21.35	41.80	6.24	6.91	1.79	-
1823-24	24.05	18.24	16.16	12.89	15.40	12.20	6.39	11.84	40.92	4.11	6.98	2.04	154.22

contd... Prices of different commodities, Pune market (kgs. per rupee)

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
1824-25	12.62	10.35	10.18	11.42	7.01	6.35	6.16	9.39	32.91	2.79	5.10	1.27	103.42
1825-26	30.43	24.27	17.74	15.82	14.07	15.73	11.07	12.94	41.94	3.47	4.72	1.72	120.66
1826-27	44.50	33.78	21.60	18.55	15.97	15.30	11.84	15.43	44.61	4.53	4.47	2.00	131.54
1827-28	30.46	28.26	20.24	17.20	19.17	16.82	12.72	15.43	46.67	4.85	5.76	2.73	120.66
1828-29	41.90	35.58	23.95	13.80	22.52	24.48	16.61	19.44	49.05	-	7.69	1.94	120.66
1829-30	33.47	23.45	22.94	12.74	19.52	21.38	13.09	16.85	41.30	-	7.87	1.63	145.15
1830-31	40.20	33.37	24.94	12.74	20.38	24.19	15.69	19.83	44.87	-	7.83	2.54	145.15
1831-32	32.10	25.37	20.53	12.74	-	-	-	-	-	-	-	2.10	145.15
1832-33	24.07	19.03	15.40	12.74	-	-	-	-	-	-	-	1.77	145.15
1833-34	40.12	31.71	18.48	13.81	-	-	-	-	-	-	-	2.00	145.15
1834-35	28.09	22.20	19.50	15.92	9.68	-	-	-	-	-	-	2.66	120.66
1835-36	28.09	22.20	21.55	14.86	-	-	-	-	-	-	-	2.44	145.15
1836-37	33.36	26.15	22.58	15.92	-	-	-	-	-	-	-	2.22	161.03
1837-38	47.43	33.36	23.61	14.86	-	-	-	-	-	-	-	2.22	161.03
1838-39	40.36	30.79	16.33	12.60	17.32	-	-	-	-	-	-	3.11	145.15
1839-40	42.46	32.89	17.50	14.93	18.90	-	-	-	-	-	-	2.22	161.48
1840-41	35.46	28.93	19.13	13.06	14.35	-	-	-	-	-	-	2.44	154.22
1841-42	42.46	29.86	23.33	14.93	17.15	-	-	-	-	-	-	2.66	161.03
1842-43	39.19	28.93	20.99	14.93	19.60	-	-	-	-	-	-	2.44	154.22
1843-44	44.79	31.26	23.79	15.86	21.69	-	-	-	-	-	-	2.56	145.15
1844-45	28.93	26.13	20.99	14.93	17.50	-	-	-	-	-	-	2.22	152.41
1845-46	21.46	17.73	14.93	14.00	9.45	-	-	-	-	-	-	2.22	145.15
1846-47	23.33	10.26	13.06	13.06	9.80	-	-	-	-	-	-	2.66	172.37
1847-48	46.66	36.39	16.80	15.40	17.50	-	-	-	-	-	-	3.32	172.37
1848-49	60.65	38.26	27.99	15.86	26.59	-	-	-	-	-	-	2.88	172.37
1849-50	42.92	34.52	24.26	14.93	17.50	-	-	-	-	-	-	2.88	145.15
1850-51	29.86	23.33	21.46	15.86	19.60	-	-	-	-	-	-	3.11	145.15
1851-52	38.26	25.19	23.33	15.40	17.50	19.81	11.91	-	27.10	6.20	6.84	3.11	154.22
1852-53	41.06	31.73	24.26	14.00	18.90	-	-	-	-	-	-	3.11	154.22
1853-54	36.86	27.06	24.26	14.93	17.50	-	-	-	-	-	-	2.66	154.22
1854-55	27.99	23.33	21.46	14.93	16.45	16.95	13.69	-	24.64	5.35	10.80	2.66	169.18
1855-56	27.99	27.99	15.86	14.93	19.25	17.66	14.97	-	24.72	5.62	10.19	2.88	143.45
1856-57	29.86	22.39	20.06	12.60	16.10	15.11	13.14	-	23.74	5.62	6.62	2.66	125.88
1857-58	24.26	21.46	18.66	12.13	14.00	17.94	15.84	-	23.95	6.00	6.63	2.66	112.64
1858-59	30.79	22.86	20.99	11.66	16.80	23.07	14.00	-	21.70	6.53	7.93	1.55	96.80
1859-60	35.46	25.19	20.99	10.26	17.50	19.24	11.92	-	20.21	5.63	8.82	1.87	101.70

contd... Prices of different commodities, Pune market (kgs. per rupee)

Remarks : Rice (i) There could be another series for the rice of thicker variety, which was found on an average, 1.1241 times cheaper than the rice for which prices have been given above. The ratio was obtained by considering those 35 years for which price data at Simhagad were available for both varieties from the same source; (ii) If the price of rice specifically mentioned the grain as 'unhusked', the figure denoting the quantity was multiplied by 7/8 to give the price of 'husked' rice, (Ghadni Rumat No. 3).

Gram dal and Tur dal : The prices of Vazani Gram dal and Tur dal were taken as 4/3 times the prices of respective gram and tur, on an average, from the data of prices from 64 months during 1855-60 A.D., (Bombay Government Gazettes). Monthly prices were available for all these four commodities simultaneously. The same held true for capacity seers (Paimash Daftar Rumat No. 134).

Sources : Jowar : Prant Aimas Pune : Rumat No. 8 (1767-68), 130 (1763-64 to 1766-67), 131 (1769-70, 1770-71), 132 (1771-72, 1772-73, 1775-76 to 1777-78), 133 (1774-75), 134 (1778-79 to 1780-81), 136 (1784-85 to 1786-87), 137 (1787-88, 1788-89), 138 (1789-90, 1790-91), 139 (1791-92, 1794-95), 140 (1795-96, 1796-97, 1800-01), 141 (1801-02 to 1803-04), 142 (1804-05), 143 (1781-82 to 1783-84), 408 (1760-61 to 1762-63 - Phulgaon), 421 (1768-69), 568 (1773-74), 576 (1792-93), 577 (1793-94), 581 (1798-99)

Paimash Daftar : (1805-06 to 1830-31)

Survey and Settlement Report : Haveli taluka (1890) : (1838-39 to 1859-60)

Green, H. : (1797-98, 1799-1800, 1836-37, 1837-38)

Select Committee on East India Finance, Report (1871) : (1831-32 to 1835-36)

Bajra : Prant Aimas Pune : Rumat No. 8 (1767-68), 51 (1793-94), 130 (1763-64 to 1766-67), 131 (1769-70, 1770-71), 132 (1771-72, 1775-76 to 1777-78), 133 (1774-75), 134 (1778-79 to 1780-81), 136 (1784-85 to 1786-87), 137 (1787-88, 1788-89), 138 (1789-90, 1790-91), 139 (1791-92, 1794-95), 140 (1795-96, 1796-97, 1800-01), 141 (1801-02 to 1803-04), 142 (1804-05), 143 (1781-82 to 1783-84), 408 (1761-62 - Phulgaon), 1762-63 - Tulapur), 421 (1768-69), 568 (1773-74), 575 (1790-91), 576 (1792-93), 581 (1798-99)

Paimash Daftar : (1805-06 to 1830-31)

Survey and Settlement Report : Haveli taluka (1890) : (1838-39 to 1859-60)

Green, H. : (1797-98, 1799-1800, 1836-37, 1837-38)

(Imputed Prices : 1760-61, 1831-32 to 1835-36)

Wheat : Prant Aimas Pune : Rumat No. 7 (1760-61 - Alandi, 1770-71), 130 (1763-64 to 1766-67), 131 (1769-70), 132 (1771-72, 1772-73, 1775-76 to 1777-78), 133 (1774-75), 134 (1778-79 to 1780-81), 136 (1784-85 to 1786-87), 137 (1787-88, 1788-89), 138 (1789-90, 1790-91), 139 (1791-92, 1794-95), 140 (1795-96, 1796-97, 1800-01), 141 (1801-02 to 1803-04), 142 (1804-05), 143 (1781-82 to 1783-84), 408 (1761-62 - Phulgaon), 421 (1768-69), 568 (1773-74), 576 (1792-93), 581 (1798-99)

Ghadni Daftar : Rumat No. 288 (1767-68)

Paimash Daftar : (1805-06 to 1830-31)

Survey and Settlement Report : Haveli taluka (1890) : (1838-39 to 1859-60)

Green, H. : (1793-94, 1797-98, 1799-1800)

Select Committee on East India Finance, Report (1871) : (1831-32 to 1837-38)

contd... Prices of different commodities, Pune market (kgs. per rupee)

1763-64.

- Sources : Rice : Prant Aimas Pune : Rupal No. 7 (1760-61 - Alandi), 41 (1782-83 - Dighi), 130 (1765-66), 131 (1769-70, 1770-71), 132 (1771-72, 1772-73, 1775-76 to 1777-78), 133 (1774-75), 134 (1778-79 to 1780-81), 135 (1807-08 to 1809-10), 136 (1784-85), 137 (1787-88), 138 (1789-90), 139 (1794-95), 140 (1795-96, 1796-97, 1800-01), 141 (1801-02, 1802-03), 142 (1804-05 to 1806-07), 144 (1810-11), 145 (1811-12, 1812-13), 146 (1803-04, 1813-14, 1814-15), 421 (1768-69), 573 (1765-66), 575 (1790-91, 1791-92), 576 (1792-93), 577 (1795-94) 290
- Ghadni Daftar : Rupal No. 288 (1764-65, 1767-68), 289 (1773-74), 290 (1781-82, 1783-84, 1786-87 - Theur), 690 (1766-67)
- Paimash Daftar : Rupal No. 94 (1815-16 to 1827-28 - Mulshi)
- Survey and Settlement Report : Haveli taluka (1890) : (1838-39 to 1859-60)
- Green, H. : (1797-98 to 1799-1800)
- Select Committee on East India Finance, Report (1871) : (1828-29 to 1837-38)
- (Imputed price : (1788-89) (From the given price of another variety)
- Cra-dal : Prant Aimas Pune : Rupal No. 7 (1770-71), 51 (1792-93), 130 (1763-64 to 1766-67), 131 (1769-70), 132 (1771-72, 1775-76, 1777-78), 133 (1774-75), 134 (1778-79 to 1780-81), 136 (1784-85 to 1786-87), 137 (1787-88, 1788-89), 138 (1789-90, 1790-91), 139 (1791-92, 1794-95), 140 (1795-96, 1796-97, 1800-01), 141 (1801-02, 1802-03), 142 (1804-05, 1805-06), 143 (1781-82 to 1783-84), 146 (1803-04), 408 (1761-62 - Phulgaon, 1762-63 - Tulapur), 421 (1768-69), 568 (1772-73, 1773-74)
- Ghadni Daftar : Rupal No. 386 (1767-68), 412 (1760-61)
- Paimash Daftar : (1806-07 to 1830-31)
- Survey and Settlement Report : Haveli taluka (1890) : (1838-39 to 1859-60)
- Green, H. : (1776-77, 1793-94, 1797-98 to 1799-1800)
- Bombay Govt. Gazette : (1834-35)
(1835)
- Tur dal : Prant Aimas Pune : Rupal No. 7 (1760-61 - Alandi, 1770-71), 130 (1763-64 to 1766-67), 131 (1769-70), 132 (1772-73, 1775-76 to 1777-78), 133 (1774-75), 134 (1778-79 to 1780-81), 136 (1784-85 to 1786-87), 137 (1787-88, 1788-89), 138 (1789-90, 1790-91), 139 (1791-92, 1794-95), 140 (1795-96, 1796-97, 1800-01), 141 (1801-02, 1802-03), 142 (1804-05), 143 (1781-82 to 1783-84), 146 (1803-04), 408 (1761-62 - Phulgaon, 1762-63 - Tulapur), 421 (1768-69), 441 (1771-72), 576 (1792-93)
- Ghadni Daftar : Rupal No. 288 (1767-68), 289 (1773-74)
- Paimash Daftar : (1805-06 to 1830-31)
- Green, H. : (1793-94, 1797-98 to 1799-1800, 1851-52)
- Bombay Govt. Gazette : (1854-55 to 1859-60)
- Sesamum : Prant Aimas Pune : Rupal No. 8 (1778-79, 1779-80, 1789-90), 130 (1763-64 to 1766-67), 131 (1769-70), 132 (1772-73, 1775-76, 1777-78), 133 (1774-75), 136 (1784-85), 137 (1787-88, 1788-89), 139 (1791-92, 1794-95), 140 (1796-97), 141 (1802-03), 575 (1790-91), 581 (1798-99)
- Ghadni Daftar : Rupal No. 289 (1773-74), 290 (1781-82, 1786-87, 1795-96), 606 (1801-02, 1803-04, 1804-05)
- Paimash Daftar : (1805-06 to 1830-31)
- Selected Papers for Research : 18 (1776-77 - Purandar)
- Green, H. : (1780-81, 1793-94, 1797-98, 1851-52)
- Bombay Govt. Gazette : (1854-55 to 1859-60)

contd... Prices of different commodities, Pune market (kgs. per rupee)

Sources : Farale : Paimash Daftar : Rumal Nos. 5, 60 and 172 (1805-06 to 1830-31)

Salt : Prant Aimas Pune : Rumal No. 8 (1767-68), 11 (1760-61 - Lohagad), 130 (1763-64 to 1766-67), 131 (1769-70, 1770-71), 132 (1771-72, 1772-73, 1775-76 to 1777-78), 133 (1774-75), 134 (1778-79 to 1780-81), 135 (1807-08), 136 (1784-85 to 1786-87), 137 (1787-88, 1788-89), 138 (1789-90, 1790-91), 139 (1791-92, 1794-95), 140 (1795-96, 1796-97, 1800-01), 141 (1801-02 to 1803-04), 142 (1804-05 to 1806-07), 143 (1781-82 to 1783-84), 421 (1768-69), 568 (1773-74), 561 (1798-99)

Ghadni Daftar : Rumal No. 337 (1792-93 - Kelad)

Paimash Daftar : (1808-09 to 1830-31)

Green, E. : (1793-94, 1797-98, 1799-1800, 1851-52)

Bombay Govt. Gazette : (1854-55 to 1859-60)

Uzible cil : Prant Aimas Pune : Rumal No. 7 (1760-61 - Alandi), 46 (1762-63, 1764-65, 1773-74), 130 (1763-64, 1765-66, 1766-67), 131 (1769-70 to 1771-72), 132 (1772-73, 1775-76 to 1777-78), 133 (1774-75), 134 (1778-79 to 1780-81), 136 (1784-85 to 1786-87), 137 (1787-88, 1788-89), 138 (1789-90, 1790-91), 139 (1791-92, 1794-95), 140 (1795-96, 1796-97, 1800-01), 141 (1801-02 to 1803-04), 142 (1804-05), 143 (1781-82 to 1783-84), 421 (1768-69), 526 (1767-68), 575 (1792-93), 577 (1793-94)

Ghadni Daftar : Rumal No. 5 (1799-1800)

Paimash Daftar : (1805-06 to 1827-28)

Green, E. : (1797-98, 1798-99, 1851-52)

Bombay Govt. Gazette : (1854-55 to 1859-60)

Gur : Prant Aimas Pune : Rumal No. 130 (1763-64, 1765-66, 1766-67), 131 (1769-70, 1770-71), 132 (1771-72, 1772-73, 1775-76 to 1777-78), 133 (1774-75), 134 (1778-79 to 1780-81), 136 (1784-85 to 1786-87), 137 (1787-88, 1788-89), 138 (1789-90, 1790-91), 139 (1791-92, 1794-95), 140 (1795-96, 1796-97, 1800-01), 141 (1801-02 to 1803-04), 142 (1804-05), 143 (1781-82, 1782-83), 421 (1768-69), 568 (1773-74)

Ghadni Daftar : Rumal No. 4 (1764-65 - Nasrapur), 46 (1767-68), 290 (1765-84), 337 (1792-93 - Kelad)

Paimash Daftar : (1805-06 to 1830-31)

Green, E. : (1793-94, 1797-98 to 1799-1800, 1851-52)

Bombay Govt. Gazette : (1854-55 to 1859-60)

Ghee : Prant Aimas Pune : Rumal No. 7 (1760-61 - Alandi), 51 (1792-93), 130 (1763-64, 1765-66, 1766-67), 131 (1769-70, 1770-71), 132 (1771-72, 1772-73, 1775-76 to 1777-78), 133 (1774-75), 134 (1778-79 to 1780-81), 136 (1784-85 to 1786-87), 137 (1787-88, 1788-89), 138 (1789-90, 1790-91), 139 (1791-92, 1794-95), 140 (1795-96, 1796-97, 1800-01), 141 (1801-02 to 1803-04), 142 (1804-05, 1805-06), 143 (1781-82 to 1783-84), 421 (1768-69), 568 (1773-74)

Ghadni Daftar : Rumal No. 5 (1799-1800), 46 (1767-68), 288 (1764-65)

Paimash Daftar : (1806-07 to 1830-31)

Green, H. : (1793-94, 1797-98, 1798-99)

Select Committee on East India Finance, Report (1871) : (1831-32 to 1859-60)

contd... Prices of different commodities, Pune market (kgs. per rupee)

Sources : Firewood : Prant Ajmas Pune : Rumat No. 135 (1800-09), 140 (1800-01), 141 (1801-02), 142 (1805-06), 146 (1803-04),
569 (1777-78)

Ghadni Daftar : Rumat No. 2 (1889-90 - Theur), 3 (1783-84, 1785-86, 1790-91), 4 (1770-71, 1772-73, 1774-75),
5 (1760-61, 1761-62, 1763-64, 1765-66 to 1769-70), 7 (1776-77, 1783-89, 1792-93), 8 (1771-72, 1773-74, 1778-79),
9 (1779-80, 1781-82, 1782-83, 1787-88), 10 (1784-85, 1786-87), 288 (1764-65), 289 (1775-76), 290 (1795-96,
1797-98 - Theur), 607 (1806-07, 1807-08, 1812-13 - Kothrud)

Dakshin Commissioner's Daftar : 56 (1818-19)

∠ : 1791-92).

Select Committee on East India Finance, Report (1871) : (1823-24 to 1853-54)

Bombay Govt. Gazettes : (1854-55 to 1859-60)

Prices of Gold and Silver from 1760-61 to 1859-60 A.D. in the Pune market, (Rupees per Tola)

Gold			Silver		Gold			Silver	
Years	Ornaments	Mint parity	Ornaments	Mint parity	Years	Ornaments	Mint parity	Ornaments	Mint parity
	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
1760-61	-	-	-	-	1805-06	-	-	-	1.17
1761-62	15.00	-	-	-	1806-07	-	-	-	1.17
1762-63	-	-	-	-	1807-08	-	-	-	1.17
1763-64	13.00	-	-	-	1808-09	-	-	-	1.17
1764-65	17.00	-	1.09	-	1809-10	-	-	-	1.17
1765-66	15.50	-	-	-	1810-11	-	-	-	1.17
1766-67	-	-	-	-	1811-12	-	-	-	1.17
1767-68	15.38	-	1.07	-	1812-13	-	-	-	1.17
1768-69	15.38	-	-	-	1813-14	16.56	-	-	1.17
1769-70	15.25	-	1.07	-	1814-15	-	-	-	1.17
1770-71	15.25	-	-	-	1815-16	-	-	-	1.17
1771-72	-	-	-	-	1816-17	-	-	-	1.17
1772-73	15.13	-	1.06	-	1817-18	-	-	-	1.17
1773-74	16.00	-	1.07	-	1818-19	-	-	-	1.17
1774-75	16.19	-	-	-	1819-20	-	-	-	1.17
1775-76	15.00	-	-	-	1820-21	-	-	-	1.17
1776-77	-	-	-	-	1821-22	-	-	-	1.17
1777-78	15.50	-	1.00	-	1822-23	-	-	-	1.17
1778-79	15.31	-	1.07	-	1823-24	16.50	-	-	1.17
1779-80	-	-	-	-	1824-25	-	-	-	1.17
1780-81	15.00	-	1.00	-	1825-26	-	-	-	1.17
1781-82	15.00	-	1.09	-	1826-27	-	-	-	1.17
1782-83	19.50*	-	1.00	-	1827-28	-	-	-	1.17
1783-84	15.25	-	1.06	-	1828-29	-	-	-	1.17
1784-85	14.50	-	1.06	-	1829-30	-	-	-	1.17
1785-86	16.00	-	1.06	-	1830-31	-	-	-	1.17
1786-87	15.50	-	1.07	-	1831-32	-	-	-	1.17
1787-88	15.00	-	-	-	1832-33	-	-	-	1.17
1788-89	16.00	-	-	-	1833-34	-	-	-	1.17
1789-90	16.00	-	1.07	-	1834-35	-	17.06	-	1.14
1790-91	14.25	-	1.07	-	1835-36	-	17.06	-	1.14
1791-92	-	-	-	-	1836-37	-	17.06	-	1.14
1792-93	15.00	-	1.07	1.17	1837-38	16.00	17.06	-	1.14
1793-94	16.50	-	-	1.17	1838-39	-	17.06	-	1.14
1794-95	-	-	-	1.17	1839-40	-	17.06	-	1.14
1795-96	15.25	-	-	1.17	1840-41	-	17.06	-	1.14
1796-97	15.00	-	1.00	1.17	1841-42	-	17.06	-	1.14
1797-98	15.25	-	1.12	1.17	1842-43	-	17.06	-	1.14
1798-99	16.00	-	1.06	1.17	1843-44	-	17.06	-	1.14
1799-1800	13.50	-	1.07	1.17	1844-45	-	17.06	-	1.14
1800-01	-	-	-	1.17	1845-46	-	17.06	-	1.14
1801-02	-	-	-	1.17	1846-47	-	17.06	-	1.14
1802-03	-	-	-	1.17	1847-48	-	17.06	-	1.14
1803-04	-	-	-	1.17	1848-49	-	17.06	-	1.14
1804-05	16.50	-	1.00	1.17	1849-50	-	17.06	-	1.14

* Including Ghadai

Prices of Gold and Silver from 1760-61 to 1859-60 A.D. in the Pune market, (Rupees per Tola)

Years	Gold		Silver		Years	Gold		Silver	
	Ornaments	Mint parity	Ornaments	Mint parity		Ornaments	Mint parity	Ornaments	Mint parity
	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
1760-61	-	-	-	-	1805-06	-	-	-	1.17
1761-62	15.00	-	-	-	1806-07	-	-	-	1.17
1762-63	-	-	-	-	1807-08	-	-	-	1.17
1763-64	13.00	-	-	-	1808-09	-	-	-	1.17
1764-65	17.00	-	1.09	-	1809-10	-	-	-	1.17
1765-66	15.50	-	-	-	1810-11	-	-	-	1.17
1766-67	-	-	-	-	1811-12	-	-	-	1.17
1767-68	15.38	-	1.07	-	1812-13	-	-	-	1.17
1768-69	15.38	-	-	-	1813-14	16.56	-	-	1.17
1769-70	15.25	-	1.07	-	1814-15	-	-	-	1.17
1770-71	15.25	-	-	-	1815-16	-	-	-	1.17
1771-72	-	-	-	-	1816-17	-	-	-	1.17
1772-73	15.13	-	1.06	-	1817-18	-	-	-	1.17
1773-74	16.00	-	1.07	-	1818-19	-	-	-	1.17
1774-75	16.19	-	-	-	1819-20	-	-	-	1.17
1775-76	15.00	-	-	-	1820-21	-	-	-	1.17
1776-77	-	-	-	-	1821-22	-	-	-	1.17
1777-78	15.50	-	1.00	-	1822-23	-	-	-	1.17
1778-79	15.31	-	1.07	-	1823-24	16.50	-	-	1.17
1779-80	-	-	-	-	1824-25	-	-	-	1.17
1780-81	15.00	-	1.00	-	1825-26	-	-	-	1.17
1781-82	15.00	-	1.09	-	1826-27	-	-	-	1.17
1782-83	19.50*	-	1.00	-	1827-28	-	-	-	1.17
1783-84	15.25	-	1.06	-	1828-29	-	-	-	1.17
1784-85	14.50	-	1.06	-	1829-30	-	-	-	1.17
1785-86	16.00	-	1.06	-	1830-31	-	-	-	1.17
1786-87	15.50	-	1.07	-	1831-32	-	-	-	1.17
1787-88	15.00	-	-	-	1832-33	-	-	-	1.17
1788-89	16.00	-	-	-	1833-34	-	-	-	1.17
1789-90	16.00	-	1.07	-	1834-35	-	17.06	-	1.14
1790-91	14.25	-	1.07	-	1835-36	-	17.06	-	1.14
1791-92	-	-	-	-	1836-37	-	17.06	-	1.14
1792-93	15.00	-	1.07	1.17	1837-38	16.00	17.06	-	1.14
1793-94	16.50	-	-	1.17	1838-39	-	17.06	-	1.14
1794-95	-	-	-	1.17	1839-40	-	17.06	-	1.14
1795-96	15.25	-	-	1.17	1840-41	-	17.06	-	1.14
1796-97	15.00	-	1.00	1.17	1841-42	-	17.06	-	1.14
1797-98	15.25	-	1.12	1.17	1842-43	-	17.06	-	1.14
1798-99	16.00	-	1.06	1.17	1843-44	-	17.06	-	1.14
1799-1800	13.50	-	1.07	1.17	1844-45	-	17.06	-	1.14
1800-01	-	-	-	1.17	1845-46	-	17.06	-	1.14
1801-02	-	-	-	1.17	1846-47	-	17.06	-	1.14
1802-03	-	-	-	1.17	1847-48	-	17.06	-	1.14
1803-04	-	-	-	1.17	1848-49	-	17.06	-	1.14
1804-05	16.50	-	1.00	1.17	1849-50	-	17.06	-	1.14

* Including Ghadai

contd... Prices of Gold and Silver (Rupees per Tola)

Years	Gold		Silver		Years	Gold		Silver	
	Ornaments	Mint parity	Ornaments	Mint parity		Ornaments	Mint parity	Ornaments	Mint parity
	Rs.	Rs.	Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
1850-51	-	17.06	-	1.14	1855-56	-	17.06	-	1.14
1851-52	-	17.06	-	1.14	1856-57	-	17.06	-	1.14
1852-53	-	17.06	-	1.14	1857-58	-	17.06	-	1.14
1853-54	-	17.06	-	1.14	1858-59	-	17.06	-	1.14
1854-55	-	17.06	-	1.14	1859-60	-	17.06	-	1.14

Remarks : Gold : It has not been possible to locate the mint parity price of gold of some well-defined purity, prior to September 1835. In the pre-British sources, one comes across prices of gold in the form of ornaments which also included base metals as alloys to some extent; gold also figured in frequently while dealing with legal matters and also transactions involving lending and borrowing.

all One can safely conclude that through the period of our study, i.e., 1760 to 1860, the price of gold/standard of purity fluctuated between the limits of Rs. 15 and Rs. 17 (Ankushi) per tola. The price of a tola of ornament gold slightly beyond Rs. 19 (Ankushi) must have represented the skills of a highly skilled goldsmith, whereas, that below Rs. 14 or so must have clearly pointed to the presence of greater quantity of base metals. For example, the price mentioned here for the year 1782-83 explicitly stated that it was inclusive of the goldsmith's wages (Ghadai). In another instance, in 1787-88, the goldsmith was paid Rs. 2.75 per tola of gold in order to form pellets from the metal (Peshwaichya Savaleet, p.310) and the price of gold was quoted as exclusive of Ghadai.

From September 1835 (Bombay Government Gazette, 1835, p. 387), though the gold coin was not a legal tender, it was officially minted and 11/12 tola of gold was officially valued at 15 Company Rupees. Since, 0.9592 Company Rupee equalled 1 Ankushi Rupee, the price of a tola of gold in terms of Ankushi Rupees between 1835 and 1860 came to: $(15 \times 12/11) = 0.9592$ Ankushi Rupees or 17.06 Ankushi Rupees. The ratio of about 15:1 between the price of gold and the price of silver of comparable purity also seemed to remain unchanged throughout the period of hundred years.

Silver : Unlike gold, the mint parity price of silver was well-defined and strictly observed during the pre-British and British periods. The earliest year for which price of silver was available in the extant mint records is 1792-93 A.D. (Ghadni kumal No. 640). A tola was equivalent to 96 gunjas. The total weight of Ankushi Rupee coin was 88 gunjas, whereas, the content of pure silver in it was 82 gunjas only. Thus, a tola of silver was de facto valued at $96/82$ Ankushi Rupees or 1.17 Ankushi Rupees.

Till August 31, 1835, the mints manufacturing Ankushi Rupee coins operated along these lines only. After that date, the Government of E.I. Co. completely prohibited the minting of any coins other than their own Company's Rupee Coins. From September 1, 1835, the Company's Silver Rupee was made the sole legal tender (Bombay Government Gazette, 1835, p. 387). The coin denominated as the Company's Rupee had the content of pure silver weighing 11/12 tola. Also, 0.9592 Company's Rupee was exchanged for 1 Ankushi Rupee. Thus, the price of a tola of silver in terms of Ankushi Rupees between 1835 and 1860 was : $(1 \times 12/11) = 0.9592$ Ankushi Rupees or 1.14 Ankushi Rupees. Even this small fall in price to the tune of Re. 0.03 could be explained to a sizable extent by the fact that the British authorities explicitly allowed for 2% wear and tear of the older rupee coins. If this concession was not made, Rs. 1.16 (Ankushi) would pay for 1 tola of silver of required purity. Prices of ornament silver were lower than its mint parity price. Thus, the silver alloy of which the ornaments were made, must have contained varying quantities of base metals. The older rupee coins of Peshwa times were in circulation till 1858-59 A.D.

contd... Prices of Gold and Silver (Rupees per Tola)

Bheema River, Dist. Pune,

Sources : Gold : Ornaments : Ghadni Daftar: Rumal No. 2 (1781-82, 1788-89, 1792-93 - Theur), 7 (1764-65 / 1765-86 - Panchawati),
8 (1763-64), 39 (1793-94), 40 (1799-1800), 69 (1777-78), 288 (1765-66, 1767-68 to 1770-71, 1776-79),
289 (1772-73, 1773-74 - Trimbakeshwar, 1774-75 - Theur, 1775-76), 290 (1783-84, 1784-85, 1786-87,
1789-90, 1790-91, 1795-96 to 1797-98), 384 (1780-81, 1798-99), 603 (1804-05 - Vinchur)
Selected Papers for Research : 20 (1782-83)
Khasri Daftar : 34 (1813-14)
Peshwaichya Savaleet : (1761-62, 1823-24 - Bombay, 1837-38, 1787-88)

Mint parity : Bombay Government Gazette, 1835 : (1834-35 to 1859-60)

Silver: Ornaments : Prant Ajmas Pune : Rumal No. 51 (1796-97)
Ghadni Daftar : Rumal No. 2 (1773-74, 1781-82 - Theur), 6 (1767-68 - Pratapgad), 40 (1799-1800),
69 (1777-78, 1782-83), 288 (1764-65, 1769-70, 1773-79), 289 (1772-73), 290 (1783-84 to 1786-87,
1789-90, 1790-91, 1792-93), 384 (1780-81, 1797-98, 1798-99), 603 (1804-05 - Vinchur)

Mint parity : Ghadni Daftar : Rumal No. 640 (1792-93 to 1833-34)
Bombay Government Gazette, 1835 : (1834-35 to 1859-60)