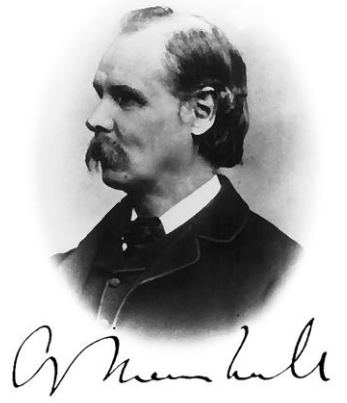


# **Marshall Library of Economics**



**Marshall Papers**

**Section 7**

**Graphs, charts  
and tables**

**Identity code**

**Marshall 7**

**Description level**

3

**Content**

**Summary**

This section comprises Marshall's notebooks of early diagrams or 'curves', various copies of the tables he distributed to students, 3 wooden boxes of hand-drawn wallcharts used in lectures, his famous 'Red Book' of chronologies and graphs and two similar volumes.

<b>Identity code</b>	<b>Marshall 7/1</b>
<b>Previous number</b>	Marshall Cabinet File 5
<b>Description level</b>	4
<b>Record creation</b>	
<b>Person</b>	
<b>Role</b>	Writer
<b>Name</b>	Marshall, Alfred
<b>Role</b>	Writer
<b>Name</b>	Edgeworth, Francis Ysidro
<b>Date</b>	1867 = 1873 (attributed)
<b>Document form</b>	
<b>Record type</b>	notebook
<b>Specific type</b>	diagrams
<b>Acquisition</b>	
<b>Summary</b>	Not known
<b>Content</b>	
<b>Summary</b>	A hardback notebook with printed margin and 6 mm squares, containing various early diagrams with explanatory notes. First are four diagrams numbered 14-17 which appear to be part of series beginning on p.24, then 2 pp. on Metayer rent, 1 on labourers and capitalists. 6 pp. of notes and diagrams concerning cloth trade between Germany and England, one citing Mill's 'Principles' Book III chapter 18 para. 7. 2 pp. on triangular barter, then figs. 18 and 19 from series, 1 p. on cloth and iron trade, diagram titled 'rate of exchange', 3 pp. figs. 1-11 (duplicate number). Thereafter book apparently used from the back, turned sideways.
<b>Summary</b>	From back are 2 pp. on joint cost of production, 2 pp. on tolls and railway fares, 2 pp. on money from Mill Book III chapter 9 para. 3, 3 pp. on influence of taxation, note on capital, 2 pp. on wages, 4 pp. on rent, 1 diagram ?relating to rent.
<b>Summary</b>	Loose at back of book are 12 sheets. 4 sheets cut from this or identical book, 2 on wages, 1 on equilibrium of exchange and one 1 on Mill Book III chap. 18 para. 7. 4 sheets (crossed out) on cloth and linen trade. 1 sheet (from Marshall 7/2) on agricultural costs. 1 sheet (re-used) on ?fares on government run or private company. 2 sheets notes by Edgeworth on back of Royal Economic Society letters of invitation to Fellowship (Dec 1902-).
<b>Free field</b>	Book is watermarked 'J and F H 1862'. Some pages appear to have been cut out.
<b>Person</b>	
<b>Name</b>	Edgeworth, Francis Ysidro
<b>Subject keywords</b>	Diagrams
<b>Subject keywords</b>	
<b>Physical descript</b>	
<b>Summary</b>	Hardback notebook 195 mm x 243 mm, marbled cover with brown spine and corners, printed red margin and 6 mm squared pages. 54 pp. plus endpapers and printed title page. 12 loose sheets of different sizes.
<b>Condition</b>	spine and edges worn, some ink lines and loose sheets acidic
<b>Publication record</b>	
<b>Type</b>	partial transcript
<b>Reference</b>	Whitaker, J.K., ed., 'The Early Economic Writings of Alfred Marshall 1867-1890,' 2 vols, (London, 1975), vol 2, pp. 268-283
<b>Related material</b>	
<b>Type</b>	
<b>Reference number</b>	

<b>Identity code</b>	<b>Marshall 7/2</b>
<b>Previous number</b>	Marshall Box 11 (2)
<b>Description level</b>	4
<b>Record creation</b>	
<b>Person</b>	
<b>Role</b>	Writer
<b>Name</b>	Marshall, Alfred
<b>Date</b>	1870 = 1874 (attributed)
<b>Document form</b>	
<b>Record type</b>	notebook
<b>Specific type</b>	diagrams
<b>Acquisition</b>	
<b>Summary</b>	Not known
<b>Content</b>	
<b>Summary</b>	An incomplete stitched, lined notebook containing various early diagrams with explanatory notes. Some of these relate closely to Marshall's early essay on international trade.
<b>Summary</b>	Several diagrams relating to land productivity, including its relationship to moveable capital and rent. Then these values in terms of corn, and mutual effect of variation in wages and profits. Rest of book is concerned with 'international values : barter of linen and cloth' and also linen and wine. Relates to trade between Germany and England and includes several full-page diagrams, one using both ink and coloured pencils. At least 5 pages have been cut out between pp. 40 and 41.
<b>Free field</b>	
<b>Subject keywords</b>	Diagrams
<b>Subject keywords</b>	Rent
<b>Subject keywords</b>	Barter
<b>Subject keywords</b>	International trade
<b>Physical descript</b>	
<b>Summary</b>	Coverless stitched, lined notebook, 54 pp. remaining, 225 mm x 276 mm. Fragment of dark green cloth cover attached. Punched later filing hole top left corner
<b>Condition</b>	Back page and some ink lines acidic
<b>Publication record</b>	
<b>Type</b>	
<b>Reference</b>	
<b>Related material</b>	
<b>Type</b>	
<b>Reference number</b>	

<b>Identity code</b>	<b>Marshall 7/3/1</b>
<b>Previous number</b>	Marshall Box 8(6)
<b>Description level</b>	4
<b>Record creation</b>	
<b>Person</b>	
<b>Role</b>	Writer
<b>Name</b>	Marshall, Alfred
<b>Name</b>	Marshall, Mary
<b>Date</b>	1881 = 1882
<b>Document form</b>	
<b>Record type</b>	Printed document
<b>Specific type</b>	statistical tables
<b>Acquisition</b>	
<b>Summary</b>	Presented by JN Keynes Sep 1940
<b>Title</b>	Historical statistics tables [added later]
<b>Content</b>	
<b>Summary</b>	12 small sheets of statistics from other economic historians reproduced by Marshall by means of 'electric pen' and distributed to his students at University College, Bristol in 1881-2, according to annotation by Mary Marshall on enclosed slip of paper. Handwriting is that of Mary Marshall.
<b>Summary</b>	Sheets were identified by series of letters and numbers (A-K6). Include figures on income, population, rent, taxation, wheat prices and duty, wealth of the United Kingdom and prices and wages at Greenwich Hospital taken from works of Arthur Young, [William Stanley] Jevons, [Robert] Giffen, Leone Levi, Gregory King and others.
<b>Free field</b>	Enclosed note of Mary Marshall and typed label giving details of acquisition
<b>Person</b>	
<b>Name</b>	Young, Arthur & Jevons, William Stanley & Giffen, Robert & Levi, Leone & King, Gregory
<b>Subject keywords</b>	Marshall - lectures at Bristol 1881-2
<b>Subject keywords</b>	Statistics
<b>Subject keywords</b>	Marshall - 'electric pen' statistics
<b>Physical descript</b>	
<b>Summary</b>	12 sheets approx. 225 mm x 155 mm folded down centre and attached to thick card cover with black elastic (perished). Cover is textured dark-green cloth similar to folders in section 4. Later label attached with adhesive tape.
<b>Condition</b>	sheets foxed and dirty on edges
<b>Publication record</b>	
<b>Type</b>	Reference
<b>Reference</b>	Groenewegen, Peter, 'A Soaring Eagle: Alfred Marshall 1842-1924', (Aldershot, 1995), p. 288
<b>Related material</b>	
<b>Type</b>	
<b>Reference number</b>	

<b>Identity code</b>	<b>Marshall 7/3/2</b>
<b>Previous number</b>	Marshall Box 8(6)
<b>Description level</b>	4
<b>Record creation</b>	
<b>Person</b>	
<b>Role</b>	Writer
<b>Name</b>	Marshall, Alfred
<b>Name</b>	Marshall, Mary
<b>Date</b>	1881 = 1882
<b>Document form</b>	
<b>Record type</b>	Printed document
<b>Specific type</b>	statistical tables
<b>Acquisition</b>	
<b>Summary</b>	May have been presented by JN Keynes Sep 1940
<b>Title</b>	Historical statistics tables [added later]
<b>Content</b>	
<b>Summary</b>	Another copy of Marshall 7/3/1 with list of names, probably written by Marshall, on reverse of sheet numbered K3.

<b>Identity code</b>	<b>Marshall 7/3/3</b>
<b>Previous number</b>	Marshall Box 8(6)
<b>Description level</b>	4
<b>Record creation</b>	
<b>Person</b>	
<b>Role</b>	Writer
<b>Name</b>	Marshall, Alfred
<b>Name</b>	Marshall, Mary
<b>Date</b>	1881 = 1882
<b>Document form</b>	
<b>Record type</b>	Printed document
<b>Specific type</b>	statistical tables
<b>Acquisition</b>	
<b>Summary</b>	May have been presented by JN Keynes Sep 1940
<b>Title</b>	Historical statistics tables [added later]
<b>Content</b>	
<b>Summary</b>	Another copy of Marshall 7/3/1 with sheet C1-C6 missing. Inside front cover annotated by Mary Marshall 'This was distributed to his class at Bristol 1881-82'.

<b>Identity code</b>	<b>Marshall 7/3/4</b>
<b>Previous number</b>	Marshall Cabinet File 8
<b>Description level</b>	4
<b>Record creation</b>	
<b>Person</b>	
<b>Role</b>	Writer
<b>Name</b>	Marshall, Alfred
<b>Name</b>	Marshall, Mary
<b>Date</b>	1881 = 1882
<b>Document form</b>	
<b>Record type</b>	Printed document
<b>Specific type</b>	statistical tables
<b>Acquisition</b>	
<b>Summary</b>	Presented by Claude William Guillebaud
<b>Content</b>	
<b>Summary</b>	Twelve sheets of tables as Marshall 7/3/1, but without cover.



<b>Identity code</b>	<b>Marshall 7/4/1</b>
<b>Previous number</b>	Marshall wooden diagram box alpha
<b>Description level</b>	4
<b>Record creation</b>	
<b>Person</b>	
<b>Role</b>	Writer
<b>Name</b>	Marshall, Alfred
<b>Date</b>	undated
<b>Document form</b>	
<b>Record type</b>	diagrams
<b>Specific type</b>	wallcharts
<b>Acquisition</b>	
<b>Summary</b>	
<b>Content</b>	
<b>Summary</b>	First of 3 wooden boxes containing large diagrams and graphs hand-drawn by Marshall for use in undergraduate teaching at Cambridge. Contents largely as his list glued to folding lid.
<b>Summary</b>	Section I : Foreign trade and Exchanges, 8 items on UK, Russia, India and USA. Section II : Banking, 4 items on UK banking. Section III : Prices, 12 items on UK and international prices.
<b>Free field</b>	
<b>Subject keywords</b>	Diagrams
<b>Subject keywords</b>	Marshall - diagrams used in lectures
<b>Physical descript</b>	
<b>Summary</b>	24 diagrams in black and coloured inks and watercolour on various large graph-paper sheets made from gluing printed sheets 540 mm x 438 mm together. Contained in wooden box 487 mm x 617mm x 65 mm deep with hinged lid across one short side.
<b>Condition</b>	Multiple drawing-pin holes in top corners of some graphs. Some sheets are very dirty and damaged on edges
<b>Publication record</b>	
<b>Type</b>	
<b>Reference</b>	
<b>Related material</b>	
<b>Type</b>	
<b>Reference number</b>	

<b>Identity code</b>	<b>Marshall 7/4/2</b>
<b>Previous number</b>	Marshall wooden diagram box beta
<b>Description level</b>	4
<b>Record creation</b>	
<b>Person</b>	
<b>Role</b>	Writer
<b>Name</b>	Marshall, Alfred
<b>Date</b>	undated
<b>Document form</b>	
<b>Record type</b>	diagrams
<b>Specific type</b>	wallcharts
<b>Acquisition</b>	
<b>Summary</b>	
<b>Content</b>	
<b>Summary</b>	Second of 3 wooden boxes containing large diagrams and graphs hand-drawn by Marshall for use in undergraduate teaching at Cambridge. Contents largely as his list glued to folding lid.
<b>Summary</b>	Section IIIB : Prices [continued from box alpha], 10 items on UK prices including chronology of events, Section IIIC : Prices, 11 items on Indian prices. Section IV : Wages India, 2 items. Section V : Wages and prices, 2 items. Section VI : Trade Unions, 1 item on membership numbers. Section VIIA : Statistical Method, 1 item.
<b>Subject keywords</b>	Diagrams
<b>Subject keywords</b>	Marshall - diagrams used in lectures
<b>Physical descript</b>	
<b>Summary</b>	26 diagrams in black and coloured inks and watercolour on various large graph-paper sheets made from gluing printed sheets 540 mm x 438 mm together. Contained in wooden box 487 mm x 617mm x 65 mm deep with hinged lid across one short side.
<b>Condition</b>	Multiple drawing-pin holes in top corners of some graphs. Otherwise sound
<b>Publication record</b>	
<b>Type</b>	
<b>Reference</b>	
<b>Related material</b>	
<b>Type</b>	
<b>Reference number</b>	

<b>Identity code</b>	<b>Marshall 7/4/3</b>
<b>Previous number</b>	none
<b>Description level</b>	4
<b>Record creation</b>	
<b>Person</b>	
<b>Role</b>	Writer
<b>Name</b>	Marshall, Alfred
<b>Date</b>	undated
<b>Document form</b>	
<b>Record type</b>	diagrams
<b>Specific type</b>	wallcharts
<b>Acquisition</b>	
<b>Summary</b>	
<b>Content</b>	
<b>Summary</b>	Last of 3 wooden boxes containing large diagrams and graphs hand-drawn by Marshall. This box contains drafts and blank sheets of paper.
<b>Summary</b>	Chronology of trade of Phoenician Republic, fragments of graph showing gold and silver production, graphs showing Russian exchanges, relative values of silver and gold, printed graph in French showing world trade, block graph in French (printed in Russia) of Russian and British losses and gains in foreign trade 1885-1995, 4 fragments, draft of various prices 1886-90
<b>Free field</b>	All multiple blank sheets discarded July 1998, leaving one of each kind
<b>Subject keywords</b>	Diagrams
<b>Subject keywords</b>	Marshall - diagrams used in lectures
<b>Physical descript</b>	
<b>Summary</b>	23 sheets of various sizes including 6 blank sheets graph-paper. Contained in wooden box 471 mm x 584 mm x 53 mm deep with hinged lid across the middle.
<b>Condition</b>	Few sheets dirty, otherwise sound
<b>Publication record</b>	
<b>Type</b>	
<b>Reference</b>	
<b>Related material</b>	
<b>Type</b>	
<b>Reference number</b>	

<b>Identity code</b>	<b>Marshall 7/5</b>
<b>Previous number</b>	none
<b>Description level</b>	4
<b>Record creation</b>	
<b>Person</b>	
<b>Role</b>	Writer
<b>Name</b>	Marshall, Alfred & Marshall, Mary Paley
<b>Date</b>	1875 = 1892 (attributed)
<b>Document form</b>	
<b>Record type</b>	volume
<b>Specific type</b>	statistics
<b>Acquisition</b>	
<b>Summary</b>	Annotated on front endpaper 'from Prof. Pigou 9 November 1938' by member of Marshall Library staff.
<b>Title</b>	Historical tables and diagrams by Alfred Marshall (library label)
<b>Content</b>	
<b>Summary</b>	Marshall's famous 'Red Book' of chronologies and graphs, largely hand drawn in coloured ink. Sources of statistics usually given. Probably begun about 1875, most recent datable statistics refer to 1892.
<b>Summary</b>	Chronologies from 1700BC onwards with separate pages for religion and law, artists and philosophers, economists, trade, political and social etc. Very few details on early pages, no diagrams until pp. 131-2 for medieval English produce. Most diagrams for 1800-1900. Mary Paley Marshall wrote out most of English history chronologies p. 99 onwards.
<b>Summary</b>	Some printed material glued in from 'The Financial Reform Almanack for 1874', graphs from appendix to work of [William Stanley] Jevons, chronology 1830-79, Fossick's diagram on iron production.
<b>Free field</b>	Brief index to first 311 pp. at front, index to second sequence page numbers 1-96 glued to endpaper at back. Key to sub-sections with Roman numerals (at bottom of page) on p. 154. Many blank pages.
<b>Subject keywords</b>	Diagrams
<b>Subject keywords</b>	
<b>Physical descript</b>	
<b>Summary</b>	Hard-backed volume with red leather spine and corners, red marbled cloth on boards, approx 314 pp. Approx 285 mm x 460 mm x 32 mm thick. Title label on front cover. Red, yellow and blue marbled end papers, pages printed squared pattern with unequal spacing. Edges of pages cut in to form sections with dates down side.
<b>Condition</b>	Fair. Cover rubbed, edges of pages dirty
<b>Publication record</b>	
<b>Type</b>	reference
<b>Reference</b>	Groenewegen, Peter, 'A Soaring Eagle: Alfred Marshall 1842-1924', (Aldershot, 1995), p. 128-9, 163-4
<b>Related material</b>	
<b>Type</b>	
<b>Reference number</b>	

<b>Identity code</b>	<b>Marshall 7/6/1</b>
<b>Previous number</b>	none
<b>Description level</b>	4
<b>Record creation</b>	
<b>Person</b>	
<b>Role</b>	Writers
<b>Name</b>	Marshall, Mary Paley & Marshall, Alfred
<b>Date</b>	1885 = 1903 (attributed)
<b>Document form</b>	
<b>Record type</b>	volume
<b>Specific type</b>	statistical
<b>Acquisition</b>	
<b>Summary</b>	Previously a reference volume in Marshall Library of Economics
<b>Content</b>	
<b>Summary</b>	Volume with pre-printed page headings for agriculture, prices, trade of UK and other countries, gold and silver, credit and labour. Alfred and Mary filled in details by year, from 1700-1903. Most of the entries in Mary's handwriting. Early pages cover 5 years in an opening and only sections for agriculture and banking and credit are filled in. 1793 onwards by single years, with some additional pages bound in from 1868, including very small graphs by Mary. Early years' general economic summaries are from [Thomas] Tooke.
<b>Summary</b>	
<b>Free field</b>	
<b>Person</b>	
<b>Name</b>	Tooke, Thomas
<b>Subject keywords</b>	
<b>Physical descript</b>	
<b>Summary</b>	Hard-backed volume, black and brown marbled cover and endpapers, black leather spine and corners. Approx 250 mm x 392 mm x 25 mm thick. Approx 300 pp. (alternate printed pages numbered to 131)
<b>Condition</b>	Good apart from worn spine
<b>Publication record</b>	
<b>Type</b>	
<b>Reference</b>	
<b>Related material</b>	
<b>Type</b>	
<b>Reference number</b>	

<b>Identity code</b>	<b>Marshall 7/6/2</b>
<b>Previous number</b>	none
<b>Description level</b>	4
<b>Record creation</b>	
<b>Person</b>	
<b>Role</b>	Writers
<b>Name</b>	Marshall, Mary Paley & Marshall, Alfred
<b>Date</b>	1904 = 1908 (attributed)
<b>Document form</b>	
<b>Record type</b>	volume
<b>Specific type</b>	statistical
<b>Acquisition</b>	
<b>Summary</b>	Previously a reference volume in Marshall Library of Economics
<b>Content</b>	
<b>Summary</b>	A continuation of Marshall 7/6/1 for 1904-8. First 20 pp. of volume filled in by Mary Marshall, thereafter blank.
<b>Free field</b>	Interleaved instructions on which reference works to consult headed 'Foa!'? from Alfred, dated 24 May 1909. On back of note of general plan of an 'essay' on present international trade
<b>Person</b>	
<b>Name</b>	
<b>Subject keywords</b>	
<b>Physical descript</b>	
<b>Summary</b>	Hard-backed volume, black and white marbled endpapers, black cover, leather spine and corners. Approx 250 mm x 382 mm x 13 mm thick. Approx 80 pp., pre-printed, not numbered
<b>Condition</b>	Good apart from worn spine
<b>Publication record</b>	
<b>Type</b>	
<b>Reference</b>	
<b>Related material</b>	
<b>Type</b>	
<b>Reference number</b>	

<b>Identity code</b>	<b>Marshall 777</b>
<b>Previous number</b>	none
<b>Description level</b>	4
<b>Record creation</b>	
<b>Person</b>	
<b>Role</b>	Writer
<b>Name</b>	Marshall, Alfred
<b>Date</b>	1903 (attributed)
<b>Document form</b>	
<b>Record type</b>	diagram
<b>Specific type</b>	statistical
<b>Acquisition</b>	
<b>Summary</b>	Unknown. May have been removed from one of the chart boxes for repair
<b>Content</b>	
<b>Summary</b>	Large rolled chart hand-written by Alfred Marshall, showing main world-wide historical and economic events, and harvests, trade, commercial fluctuations, labour legislation and strikes, inventions etc in the United Kingdom from 1820-1903. Dates to 1920 marked, but no details filled in.
<b>Free field</b>	
<b>Person</b>	
<b>Name</b>	
<b>Subject keywords</b>	
<b>Physical descript</b>	
<b>Summary</b>	Original 438 mm X 1055 mm on paper printed with small rectangles, recently mounted onto larger paper 580 mm x 1200 mm, linen backed and rolled
<b>Condition</b>	Original acidic, has pinholes in corners. Repair is too strong and is causing cracking of original when unrolled
<b>Publication record</b>	
<b>Type</b>	
<b>Reference</b>	
<b>Related material</b>	
<b>Type</b>	
<b>Reference number</b>	