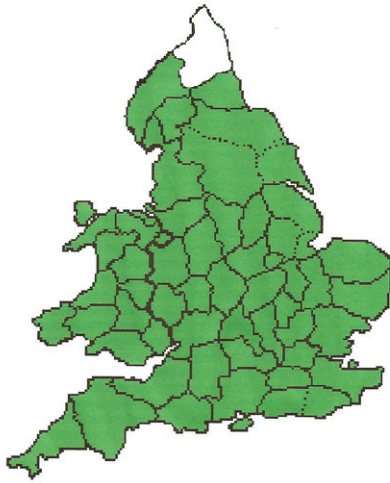


NORTHUMBERLAND



Northumberland is a large county in the north-east of England. To the north it is bordered by Scotland, to the west by Cumberland, and to the south by Durham. The area around Newcastle has been home to mining and other industries since the middle ages, but the rest of the county is largely given over to agriculture.



The county authorities acquired imperial standards in 1826, and in 1835 several keepers of the county's houses of correction (prisons) were appointed as inspectors of weights and measures. Previously 'examiners' been appointed, and they continued to operate for some years alongside the inspectors. After 1863 the police force gradually took over, and they continued after 1889, as several police officers passed the examination to qualify as inspectors of weights and measures. In 1935 the inspection was transferred to a civilian department.

The city of Newcastle was a county corporate and took responsibility for the inspection of its weights and measures. The neighbouring towns of Tynemouth, Gateshead, and South Shields (the last two in Durham) became municipal boroughs and authorities for weights and measures in the middle of the nineteenth century. In the middle ages the town of Berwick-on-Tweed had been alternately a part of Scotland and a part of England. It was established as a county corporate in 1551, and became a municipal borough under English law in 1835. It was not formally regarded as part of the geographical county of Northumberland until the second half of the nineteenth century.

There were several manorial jurisdictions in the county, some of which appear to have operated as weights and measures authorities in the period 1835-62, although the details are unclear.

There are records of scale-beam makers in Newcastle from around 1750 onwards. In the nineteenth century there were many scalemakers, ranging from small local tradesmen to branches of large firms such as Hodgson & Stead, Pooley, and Avery.

A: Inspection by the County of NORTHUMBERLAND

Dates	Events	Marks	Comments
1826	1 set of standards [269] issued.		6 wards: Castle, Tindale, Coquetdale, Bambrough, Glendale, Morpeth.
1835	4 sets of standards [615, 664, 686, 728] issued; 5 inspectors appointed. Four of them were keepers of the county prisons, who had custody of the standards. The examiners were separate and continued their role until 1848 at least [MR 50:236].		<i>Inspectors 1835-c1870</i> <i>1. Morpeth</i> John Blake (1835-) James Cousins (1838-45) John Brunton (1845-47) John Henderson (1847-51-) Edward Stanford (-1855-58) Robert Brown (1859-60) Harry Webster (1861-63)
1846	Norham and Islandshire, formerly detached parts of Durham, were transferred to Northumberland and a sixth district was set up [<i>Quarter Sessions</i> 12.2.1846]. By 1855, the district numbers read as Morpeth, Castle Ward East, Coquetdale, Tindale, Castle Ward West and Norham and Islandshire.	 Nº 6	<i>2. Castle West (Newcastle)</i> Joseph Jackson (1835-52) John Howarth (1853-55) James Craigie (1855-56) Thomas Turnbull (1857-65) <i>3. Castle East (Tynemouth)</i> Samuel Hall (1835-) James Robb (1841-52) John Wood (1852-55) John Howarth (1855-60) Robert Brown (1861-68) <i>4. Tindale (Hexham)</i> John Leath (1835) John McPherson (-1838-52) Thomas Wilthew (1852-55) John Robertson (1855-59) Edward Stanford (1859-63)
1857	County Police Force set up.		<i>5. Coquetdale, Bambrough, and Glendale (Alnwick)</i> James Cousins (1835-38) James Howitt (1838-46) John Nicholl (1847-69)
1862	1 set of standards [1330] issued.		<i>6. Norham and Islandshire (Tweedmouth):</i> Robert Cuthbertson (1846-) George Landels (-1855-57) Alexander Waite (1858-71)
1863	Morpeth is the first district in which the police superintendent, (Robert Cocks), is the IWM.		
1867	In 1867 the keepers of the prisons were still acting as inspectors except in districts 1 and 6 [4Rep:168].		
1888	2 more sets of standards [1987-88] issued.		

COUNTY OF NORTHUMBERLAND.
WEIGHTS AND MEASURES.
THE Public are informed, that Sets of the Imperial Standards are deposited at the following Places, viz.: with Joseph Jackson, at the Moot Hall, Newcastle-upon-Tyne; Samuel Hall, at the House of Correction, Tynemouth; John Leath, at the House of Correction, Hexham; John Blake, at the Gaol, at Morpeth; and James Cousins, at the House of Correction, Alnwick; at which Places the Inspectors are ready to verify and stamp all Weights and Measures brought to them for that Purpose.
By Order,
ROBERT THORP, Clerk of the Peace.
Clerk of Peace's Office for Northumberland,
Newcastle, March 19, 1835.

¶ Advertisement that appeared in the *Newcastle Journal* of 21 March 1835.



¶ Detail from a 1lb bronze weight, showing the castle with two flags flying from the two turrets, and the mark of the Castle Ward district.

¶ Detail from a 1lb brass weight, also showing the castle mark with two flags flying from the two turrets, but the mark of the Alnwick district.





Police superintendents as inspectors 1863-1890

The police superintendents, apart from Robert Cocks and Mark Young, assumed responsibility for WM inspection in 1870/1.

<i>Morpeth</i> Robert Cocks (1863-77) Mark Young (1877-86) Thomas Crozier (1886-90)	<i>Hexham</i> George Stephenson (1871-87) John Harkes (1887-90)	<i>Alnwick</i> John Gillespie (1871-73) George Harkes (1873-82) Andrew Rutherford (1882-90)
<i>Castle</i> Mark Young (1868-73) Matthew Taylor (1874-90)	<i>Lowick</i> William Marshall (1871-80-) John Harkes (1882-87) John Kennedy (1887-90)	<i>Rothbury</i> George Harkes (1871-73) Thomas Dobson (1873-90)



¶ Details from four weights, showing the castle mark of Northumberland, with and without flags flying, the old form of the district marks, and the numerical marks introduced in 1889.

Dates	Events	Marks	Comments
1889	County Council established; 6 numbers issued: 501-506. The police force continued to be responsible for WM inspection.	 92	<i>Chief inspectors:</i> H.D. Terry (CC 1886-1900, unqualified) Fullarton James (CC, q1900/01, 1900-35)
1890	Sergeants were also appointed to act as IWMs, to relieve the six superintendents; 19 IWMs acted for the county in 1890 [SDG: 17/8/90]. Starting in 1890 the date was indicated by the last two digits of the year.		S. Strugnell (1935-45 moved to Kent) J.R. Roberts (1945-46) [MR 46:7, 39] C.L. Arlidge (1946-1972-) [MR 46:39]







Police as inspectors 1890-1935

In 1896, 20 police officers were listed as inspectors, but only five of them had qualified. The districts were known by their numbers, and most had more than one inspector, only the senior one being listed below, with indicative dates.

<p><i>501 division (Wooller/Wallsend)</i> John Kennedy (1890-97) William Pringle (q1897/8: -1913) William Douglas (q1906/7: 1914-) Robert Clementson (q1905/6: -1921-22) William Webb (q1915/20: 1922-25-) Peter Halliday (q1908: -1928-34-)</p> <p><i>502 division (Alnwick)</i> Andrew Rutherford (1890-97) James Miller (1898-1902-) Robert Taylor (q1904/5: 1908-1912) Walter Reid Clark (q1903/4: 1912-14-) Thomas Spratt (q1905/6: -1916-21) Peter Halliday (q1908: -1922-) Thomas Shell (q 1898/9: -1928-29-) Thomas Spratt (q1905/6: -1934-35) [MR 63:100]</p>	<p><i>503 division (Rothbury/Blyth)</i> ? Robinson (1890-94) James Tough (q1894: 1894-1913-) Thomas Hudson (q1905/6: 1914) Thomas Shell (q1898/9: 1921) J.R. Graham (q1915/20: -1922-) Robert Clementson (q1905/6: -1925-) James Cunningham (q1915/20: -1929-34-)</p> <p><i>504 division (Morpeth)</i> Thomas Crozier (1890-94-) John Weddell (q1893/4: -1906-) John Wight (q1903/4: -1911-35)</p>	<p><i>505 division (Castle)</i> Matthew Taylor (1890-94) Robert Spratt (1896-97-) John Weddell (q1893/4: -1911-14-) Alexander Young (q1912: -1922-25-) James Tough (q1894: 1929-1934-)</p> <p><i>506 division (Hexham)</i> John Harkes (1890-93) Andrew Robertson (1893-1902-) Thomas Appleby (q1892/3:1905 -1912-) Robert Taylor (q1894/5: -1914-29-) Thomas Shell (q 1898/9: -1934-)</p>
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Dates	Events	Marks	Comments
1935	Civilian department of WM set up. One chief, and three divisional inspectors; numbers rearranged. [MR 35:103, 135, 239]		<i>Divisional Inspectors 1935- Newcastle</i> C.L. Arlidge (1935-46) J.E. Ford (1946-58) [MR 63: 38] W. Scott (1958-)
1947	Nos.508, 509 issued.		<i>Alnwick</i> M.J.W. Jacobs (1935-55) Thomas Hall (1955-75) [MR 75:232]
1950	Fourth division established at Morpeth. Headquarters moves from Newcastle to Morpeth, between 1969 and 1971.		<i>Hexham</i> J.R. Roberts (1935-45) W. Marshall (1947-77) [MR 77:136] <i>Morpeth (1950-</i> Thomas Wight (1950-1970) R.M. Hey (DCI 1971) W. Scott (-1972)
1974	Parts of Northumberland transferred to new Tyne and Wear CC.		

B: Localities with separate WM jurisdiction in the county of NORTHUMBERLAND

NEWCASTLE					
					
1	2	3	4	5	6
<p>Newcastle was a county corporate. Standards [268] were verified in 1826, and placed with the Town Marshal, James Sopwith [NC: 21/10/26]. The following year [Whi(a)] the Marshal, Thomas Forsyth, was named as adjuster of weights and measures and acted as IWM until his resignation in 1837 [NL: 9/12/37], although the Returns of 1835 do not list an inspector for the town.</p> <p>Edward Redhead was appointed as High Constable and IWM on Forsyth's resignation [NJ: 6/1/38], and continued in post until his death in 1857, when James Hall was appointed [NJ: 11/4/57]. Hall had previously worked for Bartlett and the same year faced charges of stealing a scale from that company [NC: 27/11/57]. Hall was dismissed from his post in 1858, Robert Wallis, a plumber and brassfounder, being appointed in his stead. Wallis continued in post until 1873, when he was succeeded by William Taylor.</p> <p>The mark of three castles in a shield {1} is part of the arms of the town. From about 1860 onwards the date was often stamped close the mark {2}, and a mark with the figures 73 on the shield itself has been recorded. A uniform mark {3} with the number 71 was introduced in 1879, when Edward Challoner took over as IWM. Standards [1773] were issued in 1883.</p> <p>William Donnison was appointed in 1885, on the death of E.W. Challoner [NC: 3/4/85]. William T. Denton qualified in Leeds in 1890/1 and was appointed to Newcastle in 1894. A date code was introduced: the letters a, b, c, ... were used to indicate 1894, 95, 96 and so on. By 1912 there were three qualified inspectors: W.T. Denton, T.W. Lowes, and J.W. Lamb. Their stamps were distinguished by the shape of the outline {4,5,6, respectively} and the date was indicated by the last two digits of the year and a letter A-L signifying the month.</p> <p>Denton continued as Chief Inspector until 1924, when Lowes took over, continuing in post until his retirement in 1936 [MR 36:59.81, 47: 28].</p> <p>Subsequently the chief inspectors were: Harold Speight (1936-53) [MR 52:232]; T.G. Reed (1953-56) [MR 53:252]; S. Hetherington (1956-66) [MR 66:242]; J.G. Hopper (1966-74) [MR 66:242].</p>					



¶ Detail from a 1 lb brass weight, showing the Newcastle mark and the date stamped close to each other; the weight also shows the Durham County mark for District No 10.



WEIGHTS AND MEASURES.
BOROUGH OF NEWCASTLE UPON-TYNE.
NOTICE is hereby given, that Mr **ROBERT WALLIS**, Inspector of Weights and Measures, will attend at the **WEIGH-HOUSE, SANDHILL**, between the hours of 10 a.m. and 1 p.m. on each working day, (Saturday excepted), for the purpose of Adjusting Weights and Measures used within the borough of Newcastle upon Tyne; and all shopkeepers or other persons found using false weights or measures within the said borough after this notice, will be proceeded against according to law.
JOS. LAYCOCK, Mayor.
 Newcastle, March 11, 1859.

WEIGHTS AND MEASURES.
BOROUGH OF NEWCASTLE UPON TYNE.
NOTICE is hereby given, that Mr **ROBERT WALLIS**, Inspector of Weights and Measures, will attend at the **WEIGH-HOUSE, SANDHILL**, between the hours of 10 a.m. and 1 p.m. on each working day, (Saturday excepted), for the purpose of adjusting weights and measures used within the borough of Newcastle upon Tyne; and all shopkeepers or other persons found using false beams, scales, balances, weights or measures within the said borough after this notice, will be proceeded against according to law.
 Under the Act 22 and 23 Victoria, Chapter 56, any person who shall wilfully or knowingly make or sell any false or unjust beam, scale, or balance, or any light or unjust weight or measure, is liable to a **PENALTY OF TEN POUNDS.**
JOHN BLACKWELL, Mayor.
 Newcastle, 22nd Nov. 1859.

¶ Advertisements from the *Newcastle Courant* of 18 March and 2 December, 1859, on pages 5 and 1, respectively.



¶ Two brass weights, showing the Newcastle mark, together with a variety of date stamps. The 8oz weight also carries the Durham County mark for District No 7 and traces of George I London marks, together with the Uniform Verification Number for the City of Norwich.

Locality	Status	Marks		Dates & Notes
		Non-uniform	Number pre-1951	
Berwick-on-Tweed	CCorp MB:1835 qsb	 	262	s:1826 [195] r:1868

John Newcom(b)e was the inspector from 1826 onwards, and was still listed as IWM in 1858 [K]. In 1866 it was reported that the sergeant-at-mace was the inspector.

In 1873 Henry Gibson, watchmaker, was IWM. However, in 1880, he was convicted of stealing a canary, imprisoned and removed from office as IWM [BA: 6/8/80]; this did not stop his applying for the post when Henry Evatt Nicolson was appointed [BA: 1/10/80].

Following the collapse of his agricultural implement making company in 1888, Moorhouse A. Thompson became IWM and was listed in 1892 [AR] and 1894 [K]. He resigned in 1896 to take up a similar post with Durham CC [NC 15/8/96] and Robert W. Smeaton was appointed in his stead [NC 3/10/96]. Smeaton qualified in 1898 and served until 1932 [MR: 32:13]. L.R. Lloyd was the inspector until 1939, when he was succeeded by R.P. Holdaway [MR 40:68]. When Holdaway joined the R.A.F. in 1941 [BNGA: 30/9/41], Robert Clementson, formerly an inspector with the county, was appointed as temporary IWM in his stead [BA: 31/7/41]. In fact he continued in post until he resigned through ill-health in 1951 [BA: 1/11/51].

At this stage, the borough negotiated a formal arrangement with the county [MR 51:272], and ceased to be a WMA in 1965



¶ Details from two brass Berwick-on-Tweed weights, a 1 lb and a ¼ lb, each showing the three marks of the borough.

WEIGHTS AND MEASURES ACT, 1889.
An Act of Parliament for the Better Regulation of Weighing Instruments.

AS the time allowed by the above Act for the Stamping of Weighing Instruments now expires, INTIMATION IS HEREBY GIVEN that a Practical Firm of Scale Makers, Messrs J. & R. HOOD of Edinburgh, will be in attendance at No 20, WEST STREET, BERWICK-ON-TWEED, for the purpose of receiving for Testing and Preparing as required by the Board of Trade Regulations for Stamping Weighing Instruments in use for trade, within the Borough or Municipal Boundary of Berwick-on-Tweed, Commencing January 7, 1892, and on and after 18th inst., Mr MOORHOUSE THOMPSON, Inspector of Weights and Measures, will be prepared to Verify and Stamp.


¶ Advertisement from the *Berwickshire News and General Advertiser*, 12 January, 1892.

Manorial Jurisdictions

Alnwick claimed to be an ancient borough, but it was also one of several places where the Duke of Northumberland was Lord of the Manor. Standards were issued to the Bailiff in 1836 [802]. Also in 1836 standards were delivered to the Manors of: **Corbridge-Prudhoe-and-Newburn** [835], **Rothbury** [833], and **Warkworth** [834]. In 1853, a set of standards [1077] was issued jointly to the Manors of **Prudhoe & Corbridge, Newburn** and **Tynemouth**. In 1855 [*Whe*] it was reported that a Court Leet was held annually at Alnwick, at which the Duke appointed an IWM.

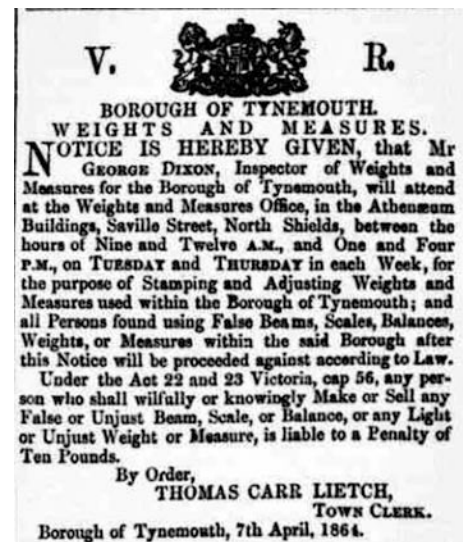
In 1862, both the Court Leets at Alnwick and Warkworth asserted their responsibility for 'searching for weights and measures' [*NJ: 15,16/10/62*], but inspection was finally transferred to the county soon afterwards.

Hexham: pre-Imperial standards were obtained in 1775 and 1810. In 1840 a short set of Imperial standards [874] was delivered to the Bailiff of the Manor.

Locality	Status	Marks		Dates & Notes
		Non-uniform	Number pre-1951	
Tynemouth	MB:1849 CB:1904		244	s:1832 [443],1862 [1337] n:1879-1974

Tynemouth became a borough in 1849; in 1850, although the police superintendent was suggested as being a suitable IWM, the county inspector James Robb was appointed at the Court Leet [NG: 9/5/51] the following year. The county inspector continued to act for the borough until, following the passing of the Municipal Amendment Act, the borough exercised its right to appoint its own IWM. Samuel Brittain was appointed to the post in 1861 [NG: 28/9/61]; this was formalised the following year when notice was given to the county that the borough would now be responsible for its weights and measures [SDG: 31/7/62]. Brittain submitted his resignation in 1864 [SDG: 30/1/64], George Dixon being appointed in his stead; in 1866 it was reported that a joiner and cabinet maker acted as the inspector. When George Dixon resigned in 1869, to act as librarian of the free library, Francis Mather was appointed IWM [SDG: 30/9/69]; he continued in post until 1885 [SDG: 1/8/85]. William Henry Stephenson, an auctioneer and councillor, was appointed in his stead; he continued as an unqualified IWM and was listed until 1902.

James Hughes qualified in 1903 and served as IWM until 1939 at least. Subsequent inspectors were: W.S. Stewart (-1953) and E. Mishens (1954-72-) [MR 54:36].



¶ Detail from a 1 lb brass weight, showing the Tynemouth mark and the Uniform Verification Number, stamped in Victorian and Edwardian times; and an advertisement from the *Shields Daily Gazette*, 8 April, 1864.

C: The trade in NORTHUMBERLAND

*To the Nobility and Gentry of the Town & County
of Newcastle-upon-Tyne and Vicinity.*

JOHN ELLIOTT

RETURNS his sincere Thanks, in the name of the Firm of his late Father and himself (Robert Elliott and Son), for the very liberal support conferred upon them; and begs to inform his Friends and the Public, that the business will continue to be conducted as usual under the superintendence of himself and Brother Robert, in favour of which firm he solicits a continuance of their kindness, when every attention will be paid to their commands.

**JOHN AND ROBERT ELLIOTT,
WHITE-SMITHS, AND PATENT
BELL-HANGERS,**

LOW-FRIAR-STREET, NEWCASTLE,
BEG to solicit a Renewal of the very liberal Support conferred on the late Firm of Robert Elliott and Son, and pledge themselves to make every exertion to give satisfaction to those who may honour him with their favours.

John and Robert Elliott continue to manufacture the following:—Iron Gates, Ornamental Stair-case Railing, Fan-lights, Wrought and Cast Iron Doors, Chests, &c.; Malt Rollers, &c., on the most reasonable terms; Wrought Iron Fences for inclosing Plantations, &c.; Portable Weighing Machines; Alarm Bells on a new construction.

Gentlemen's Kitchens fitted up in the neatest and most appropriate manner; Smoke Jacks, Ranges, Boiling Tables, &c.

SCALE BEAMS MADE AND ADJUSTED.

ESTABLISHED 1750.

I. J. ELLIOTT & SON,
WHITESMITHS AND PATENT BELL HANGERS,
No. 9, Low Friar Street, Newcastle-on-Tyne,

Manufacturers of Ornamental Entrance and other Gates; Stair Case Railing, Wrought and Cast Iron Doors and Safes; Malt Rollers; Wrought Iron Fencing, for enclosing Plantations; Invisible Wire Do.; Wrought Iron Frames, for Cucumber Beds; Watering Machines for Streets; also, Liquid Manure Ditto, for Land; Splitting and Finishing Machines; Alarm Bells, on a new construction; Improved Door Springs; Weighing Machines; Wrought and Cast Iron Bedsteads, &c., &c.
Gentlemen's Kitchens fitted up in the neatest and most approved manner; Smoke Jacks, Ranges, Boiling Tables, Hydraulic Boilers for Baths, &c.

SCALE BEAMS MADE AND ADJUSTED.

¶ Advertisements from the *Newcastle Courant*, 3 July, 1840, page 1 and Ward's *North of England Directory* of 1855, p. 55.

NEWCASTLE

Elliot

This firm claims to have been established in 1750: Robert Elliott and Son is listed in the First Newcastle Directory of 1778, as whitesmiths at 'High Fryer Chair'. In 1801, Walter Elliott is listed as a whitesmith and bell-hanger, working in Low Friar St. whilst the company appears as R. & W. Elliott in 1824, but as Robert Elliott in 1827 at 6, Low Friar St.

In 1834, advertisements appeared in both the Newcastle Courant and Newcastle Journal in which Robert Elliott announced that he had taken his son John into partnership, the firm to be known as Elliott & Son. Robert Elliott died in 1840, when John and his brother Robert headed the firm as John and Robert Elliott, listed in 1847 as scale beam and weighing machine makers. In 1849, the business reverts to John Elliott. By 1855, Jane Elliott was running the company as (I.) J. Elliott & Son.

- High Fryer Chair <1778>
- 1, Low Friar St <1801-1844>
- 9, Low(er) Friar St <1847-55>
- 16, Low(er) Friar St 1856-75.

Aynsley & Rennie

In 1881, Aynsley & Rennie were listed as the successors to I.J. Elliott & Son, claiming to have been established in 1750.

- Low Friar St <1881-97>

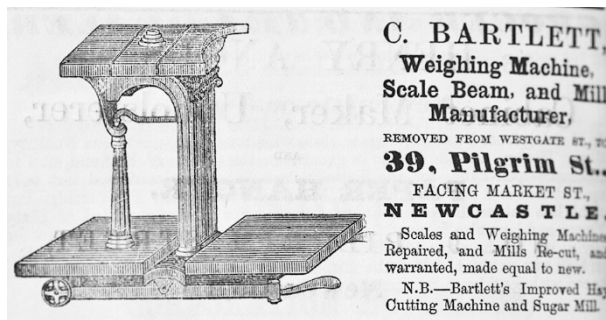
The partnership between Michael Aynsley and James Rennie was dissolved in December, 1897, with Michael Aynsley carrying on business as M. Aynsley & Co at 44, Low Friar St and James Rennie continuing at 9, Low Friar St as Rennie & Co.

THOMAS WALLACE,
 MARSHALL'S COURT,
 (Near Low Friar Street.)
 NEWGATE STREET, NEWCASTLE UPON TYNE,
 Has on hand WEIGHING and WASHING MACHINES
 of superior Construction; Patent and other MANGLES, TABLE
 CLOTH PRESSES, &c., and hopes from the experience he has
 had in London for many Years in his Profession, and punctuality in
 executing all Orders with which he may be favoured, to merit a
 Share of public Support.—September, 1837.

**Patent Mangle and Weighing Machine
 Manufactory,**
 REMOVED FROM 31, CLAYTON STREET, TO WESTGATE,
 (Opposite the Police Station.)
THOMAS WALLACE
 BEGS to inform his Friends and the Public that he always has in Stock DOUBLE
 and SINGLE WEIGHING MACHINES, PATENT and COMMON MANGLES,
 TABLE CLOTH PRESSES, and FILTERERS, of superior construction.
 N.B.—WASHING and WRINGING MACHINES.

¶ Advertisements taken from Richardson's Directory of the Towns of Newcastle and Gateshead, 1838, and Ward's North of England Directory, 1855.

NEWCASTLE (continued)	
Bearup Donkin	<p>John Bearup is listed in 1824 as a whitesmith and bell-hanger but 'scale beam maker' is added in 1836. Bearup died in 1842 but in 1844 the firm of Bearup and Donkin, scale beam makers, is listed. The partnership between Isabella Bearup, the widow of Bearup, and David Donkin was dissolved in 1850 [NG: 7/9/50] so that, in 1851, Donkin is listed as running the business. After 1855, the company reverts to a listing as an iron foundry.</p> <ul style="list-style-type: none"> • 28, High Friar St <1824-51> • 12, High Friar St <1855-77> • 41, Mosley St <1863-66>.
Wallace	<p>Thomas Wallace moved from London, where he had been 'in his profession for many years', first advertising as a weighing machine manufacturer in 1836. His stock in trade was auctioned in November 1855 [NC: 26/10/55].</p> <ul style="list-style-type: none"> • Marshall's Court, Newgate St <1836-8> • Rankin's Court, Newgate St <1838-46 • 31, Clayton St 1846-54 • Westgate 1854-55.
Melrose	<p>James Melrose was listed in 1844 as a smith but in 1847 as a scale beam and weighing machine maker, at 73, Northumberland St. In 1849, he moved to Erick St, claiming to have been 12 years at Northumberland St. The company was put into receivership in 1852, Melrose dying three years later.</p>
Bartlett	<p>Charles Bartlett, scale beam maker, moved from London. The company was established in 1847 as C. Bartlett but, from 1854, was known as Charles Bartlett & Co; by 1870, the name had changed to Charles Bartlett & Son. Later in the decade, it was operating under the name of C.H. Bartlett & Co.</p> <ul style="list-style-type: none"> • 36, Collingwood St <1848> • 5, Collingwood St <1850 • 16, Westgate 1851-55 [NC: 2/3/55] • 27, Westgate 1855-58 [NC 30/4/58] • 39, Pilgrim St 1858-68> [B] • 49, Pilgrim St <1870-77 [M] • 6,8, 10 Lisle St 1877-8.
Turnbull	<p>The Bartlett company was taken over by J. Turnbull & Co by 1879.</p> <ul style="list-style-type: none"> • 6-10, Lisle St 1879>.



¶ Three advertisements taken from Ward's Durham and Northumberland Directory of 1850, plate, Ward's North of England Directory of 1855, p. 111 and of 1859, p. 98.

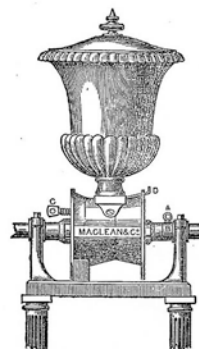
NEWCASTLE (continued)	
Baylis	Henry George Baylis, of Morrison's Court and Bigg Market was listed as a weighing machine and scale maker in 1850.
Stoddart	John Stoddart acted as foreman for the firm of John and Robert Elliott but by 1849 [NC: 28/9/49] was no longer in their employ. He was first listed as a weighing machine and scale maker in 1851 but died in 1857 [NC: 30/10/57]. <ul style="list-style-type: none"> • 19, Low(er) Friar St <1850-57.
Bell	On the dissolution of the partnership of Messrs Bartlett & Son in 1858, William Bell, who had worked there, opened his own business. <ul style="list-style-type: none"> • 27, Westgate 1858-62 > [SDG: 1-4/60]
Pooley	Henry Pooley and Son were advertising in 1879 [NE & DGM: 79] <ul style="list-style-type: none"> • Wellington St <1867-68> • 11, Postern St <1870> • High Level Bridge <1873-90> • 9, Postern <1873-80> • South St <1887-1902> • 23, Great Market <1894> • 28, Mosley St <1894-1906> • City Road <1910-28> • Cattle Market, Scotswood Rd <1910-14> • 2, Trafalgar Sq <1916-29> • 4, St Nicholas Buildings <1932-39> • 38, Trafalgar Sq <1934-39> • 47, New Bridge St <1947-57>



H. GUTTERIDGE & CO.,
(Successors and 18 years Manager for A. MACLEAN & CO.)
MANUFACTURERS OF EVERY DESCRIPTION OF
SCALES, BEAMS, & WEIGHING MACHINES,
 Butchers' Steelyards, Spring Balances, Sausage
 Fillers, Mincing Machines, Knives, Steels, Saws, Cleavers, &c.
REPAIRS and ADJUSTS done on the shortest notice.
 COFFEE AND OTHER MILLS RE-CUT TO GRIND EQUAL TO NEW.
 Opposite St. John's Church, 33, Westgate Road,
Workshops—158, Westgate Road,
NEWCASTLE-UPON-TYNE.

A. D. MACLEAN & CO.,
GROCERS' OUTFITTERS,
 SCALE, BEAM, & WEIGHING MACHINE MAKERS,
 Neville Street (Opposite Central Station),
NEWCASTLE-ON-TYNE.

Coffee Mills re-sharped
 to grind equal to new.
 Scales, Weighing Ma-
 chines, &c., repaired
 and adjusted on rea-
 sonable terms.



Makers to
 Her Majesty's Com-
 missariat Department
 for the North; and
 to the Inspectors of
 Weights & Measures;
 Also, the Corporation
 of Newcastle-on-Tyne.

**SAUSAGE MACHINES AND FILLERS, FRUIT DRESSERS, BEAMS,
 SCALES, &C., REPAIRED AND ADJUSTED.**

MANUFACTORY, POTTERY LANE, FORTH BANKS.

Note.—When a mill is sent to be re-cut, send all the parts,
 except the frame, fly wheel, and handle.

A. D. MACLEAN & Co., Manufacturers of Grocers' Canisters, Coffee
 Boxes, Treacle Cisterns, Agate Scales, Coffee Mills, &c.

¶ An 8 oz brass weight by McLean & Co, with the Durham, District 7, and Northumberland County marks and two advertisements, one from Jackson's Carlisle Directory, 1880, and the other from the Northern Towns Directory of 1886, p. 54.

NEWCASTLE (continued)	
MacLean	MACLEAN & Co NEWCASTLE <i>Seen on an 8oz brass weight</i>
Gutteridge	Arthur D. MacLean b<1838> in Glasgow, grocers' outfitters, scale makers etc [Jackson (Carlisle) 1880 advt] in: <ul style="list-style-type: none"> • Neville Street <1875-84> • Pottery Lane (factory) <1879-84>. Henry Gutteridge, who had been their manager for ten years, according to an 1885 advertisement, took over the company, operating under the name of H. Gutteridge, later changed to H. Gutteridge & Co. <ul style="list-style-type: none"> • 156/8 Westgate Road <1885-7> • 33 Westgate Road <1886-1900> • Pottery Lane <1893-1900>



¶ Detail from a 1 lb brass weight, showing the mark of G & W. Pairman, together with the VR324 stamp of South Shields (county Durham).

NEWCASTLE (continued)	
Scale Beam Co.	<p>The Scale Beam Co advertised as a scale, beam and weighing machine manufacturer.</p> <ul style="list-style-type: none"> • Bath Lane <1877-88>
Household Furnishing Co.	<p>The Household Furnishing Company of Strawberry House, Strawberry Place advertised as a scale, beam and weighing machine manufacturer in Ward's 1877-8 Newcastle Directory.</p>
Pairman	<p style="text-align: center;">G & W PAIRMAN NEWCASTLE</p> <p style="text-align: center;"><i>Seen on a 1 lb brass weight</i></p> <p>G. A. Pairman, japanner, first advertised as a scale, beam and weighing machine manufacturer in 1877 but had joined forces with W.L. Pairman, tinsmith [1881 Census], by 1887. The company was variously listed as grocer's outfitters and scale manufacturers.</p> <ul style="list-style-type: none"> • Market Lane <1877-90> • 40, Pilgrim St <1877> • 113, Pilgrim St <1887> • 113 & 115, Pilgrim St St <1888-90> • 84, Pilgrim St <1894-13> <p>Firm continued as shop fitters etc. [1938 K].</p>
Smith	<p>Wastenev Smith first advertised as the agent for 'Fairbanks & Co: American Weighing Machines' in 1875.</p> <ul style="list-style-type: none"> • 39, Close <1875-78> • 58-60, Sandhill <1877-1905>.
Fairbanks	<p>By 1883, Fairbanks & Co had their own premises and were later listed in the Inspectors Handbook.</p> <ul style="list-style-type: none"> • 59, Sandhill <1883-1908>.
Maskey	<p>William Maskey was recorded as a scale maker in London during the period 1842-47. He first advertised his business in Newcastle in 1877.</p> <ul style="list-style-type: none"> • 4, Carloli St <1877-80>.
Campbell	<p>P. Campbell was listed as a scale beam and weighing machine manufacturer:</p> <ul style="list-style-type: none"> • 1, Painter Heugh <1879-80> • 1, New Bridge St <1881-2>.



NEWCASTLE-ON-TYNE.

W. NOCK & CO.,
 Grocers' Outfitters, Scale, Beam, Weighing
 Machine & Brass Weight Makers,
 45, High Bridge, **NEWCASTLE-ON-TYNE**
 Adjusters and General Repairers.
 Sole Agents for W. Parnall & Co., Ltd, Bristol

¶ An 8oz brass weight with the mark of T.M. Smirk, and an advertisement for W.P. Nock from Bennett's *Business Directory*, 1899, p. 92.

NEWCASTLE (continued)	
Wilson	Wilson Bros advertised as scale beam and weighing machine manufacturers, at Carliol Sq, in the period 1879-80.
Martin	William Martin was listed as a scale maker in 1885 [W(b)]. <ul style="list-style-type: none"> • Higham place <1885-94 • St Lawrence Rd 1894-99> • New Bridge St <1899>
Automatic Weighing	The Automatic Weighing Machine Co Ltd was listed in 1890 as weighing machine manufacturers at 7, County Chambers, Westgate St.
Smirk	T.M. SMIRK NEWCASTLE <i>Seen on brass weights</i>
	Thomas Moffitt Smirk (1840-1925), grocer [1870], latterly shop fitter and scale maker [1898 W(c)] at: <ul style="list-style-type: none"> • 11/13 Gibson Street <1894 -1927>.
Nock	W. Nock & Co were listed as scale makers in 1894 [W(c)] at <ul style="list-style-type: none"> • 45, High Bridge St <1894-1899> • 4, St Andrews Bldgs, Gallowgate <1902-29> [K].
Avery	W & T Avery, Ltd had a Newcastle branch in 1908 [Handbook] <ul style="list-style-type: none"> • White Hart Yard, Cloth Market <1894-99> • 95, Newgate St <1902> • Half Moon Buildings, 12, Bigg Market <1906-34> • 45, Prudhoe St <1939-62>
Appleby	Appleby & Co were listed in the Inspectors Handbook <ul style="list-style-type: none"> • 84/6, Westgate St <1899-32>
Hodgson & Stead	Hodgson & Stead had a Newcastle Branch in 1908 [Handbook] <ul style="list-style-type: none"> • 35, Westgate Rd <1902-6> • 24&26, Manor Chare <1906> • Millburn House <1908> • 7, Cross St <1910>

NEWCASTLE (continued)

Joynson	<p>First listed in 1912 at 3, Cross St as J. Joynson, the company had changed its name to Joynson & Kent by 1920 and a year later to Joynson & Co Ltd. W. Joynson & Co Ltd was listed in 1932.</p> <ul style="list-style-type: none"> • 3, Cross St <1912-20 • 30, Corporation St 1921-22> • 51, Stowell St <1924-29> • 141/3, Scotswood Rd <1932-34>
Denison	<p>The Leeds firm of Samuel Denison & Co was represented in Newcastle by W.B. Wilson of 19, West Parade in 1914 [K]. Latterly, they advertised from their Leeds address.</p>
Asco	<p>Asco was first listed in 1920</p> <ul style="list-style-type: none"> • 17/8, Sandhill <1920-24 • Cattle Market, Scotswood Rd <1921-25> • 46a Blakett St 1925-29> • 35 & 50, Handyside's Arcade, Percy St <1932-39> • 146, New Bridge St <1947-56> • 270, Raby St <1959-65
Ashworth	<p>Ashworth, Son & Co Ltd was listed in 1920 as a scale, beam and weighing machine manufacturer.</p> <ul style="list-style-type: none"> • 18, Sandhill <1920> • 20, Dean St <1924-25> • Royal Arcade <1928-29>
Lee	<p>S.P. Lee joined the group at 18, Sandhill, advertising as a weighing machinist, in 1922 and 1924.</p>
Berkel	<p>The Berkel Auto Scale Co first advertised as scale and weight makers in 1925.</p> <ul style="list-style-type: none"> • 1 Argyle St <1925-34> • 144, New Bridge St <1939> * 137, Chillingham Rd <1965-68>
Walker	<p>A. Walker & Co were listed under scale and weight makers in 1925. The company was listed as Walker & Aitchison by 1932.</p> <ul style="list-style-type: none"> • 118, New Bridge St <1925> • 67, Blakett St <1928-29> • 14, Handyside's Arcade, Percy St <1932-62>
Mordue	<p>Mordue Brothers Ltd was listed variously as scale, beam, weighbridge and weighing machine manufacturers in 1928.</p> <ul style="list-style-type: none"> • 67, Newgate St <1928-34> • 38, Prudhoe St <1947-68>
Parnall	<p>Parnall & Sons, Ltd were briefly listed as scale, beam and weighing machine manufacturers in 1928 and 1932 at 31, Pudding chare.</p>

NEWCASTLE (continued)	
Owen	C.G. Owen & Co were listed as dealers under scale and weight makers at 36, Handyside Arcade, Percy St in 1939.
Swift & Swallow	Listed as weighing machine manufacturers <ul style="list-style-type: none"> • 34/6 Scotswood Rd <1950-59>
Dobinson	G. Dobinson was listed under scale and weight makers and as a weighing machine manufacturer in 1953, at 50, Stowell St.
Berry & Warmington	Listed as weighing machine engineers in 1965 and 1968, at Back Commercial Rd.

BERWICK	
Pooley	Henry Pooley & Son advertised a branch at 10, Bridge St [K]. <ul style="list-style-type: none"> • 10 Bridge St <1914-29> • Station Approach <1934-39>
NORTH SHIELDS	
Eagles	H.P. Eagles, the South Shields firm of repairers, also had a North Shields branch in Stephenson St in 1910 [Handbook]. <ul style="list-style-type: none"> • 16a Stephenson St <1910-14>
Hill	Arthur Hill was also listed as a repairer in 1910 [Handbook]; the name changed to Henry Hill in 1922. <ul style="list-style-type: none"> • 2½, Linskill St <1910-39>.

References for Northumberland

Published Works

Directories

- Be: Bennett's Business Directory ST83 1899;
B: Bulmer's History of Northumberland ST1104 1887;
C: Christie's Newcastle and Gateshead Annual Directory ST1108 1870-73;
H: Humble's General Directory for Newcastle, Gateshead N591 1824;
K: Kelly's [P.O.] Directory of Northumberland 1858-1939;
KCN: Kelly's Directory of the City of Newcastle ST1122 1947-68;
KN: Kelly's Directory of Newcastle on Tyne and Suburbs ST1114 1887;
M: Mitchell's Directory of Newcastle upon Tyne and Gateshead N589 1801;
No: Northern Towns Directory 1886;
NS: Newcastle, Sunderland, ... Trades Directory ST175 1957;
R: Richardson's Directory of the Towns of Newcastle and Gateshead N594 1836-39;
S: Slater's Directory of Northumberland ST58 1877-79;
W: Ward's North of England Directory ST405 1851-68;
W(a): Ward's Northumberland and Durham Directory N576 1850;
W(b): Ward's Directory of Newcastle, Gateshead and South Shields ST1107 1871-86;
W(c): Ward's Directory of Newcastle, Gateshead, Sunderland ST1117 1888-1910;
W(d): Ward's Directory of Newcastle, North and South Shields, Jarrow ST1119 1912-32;
Whe: Whellan's History, Topography and Directory of Northumberland N582, ST1101 1855;
Whi(a): White's History, Directory and Gazetteer .. of Northumberland N234 1827;
Whi(b): White's Directory of Newcastle upon Tyne and Gateshead N573 1847
White: Whitehead: The First Newcastle Directory N584 1778;
Will: Williams's Commercial Directory of the Towns of Newcastle and Gateshead N595 1844;

Newspapers

- AM: Alnwick Mercury 1854-1939;
BA: Berwick Advertiser 1834-1952;
BNGA: Berwickshire News and General Advertiser 1892-1955;
CN: Newcastle Chronicle 1855-1940;
DGM: Daily Gazette for Middlesborough 1879-1900;
MH: Morpeth Herald 1861-1946;
NC: Newcastle Courant 1826-99;
NE: Northern Echo 1873-1900;
NG: Newcastle Guardian and Tyne Mercury 1846-60;
NJ: Newcastle Journal 1834-1917;
NL: Northern Liberator 1837;
SDG: Shields Daily Gazette 1855-1902.

Original Documents

Northumberland Record Office

- ZMD13: 1846 Papers relating to the disposition of the Northumberland County Standards;
1847-51 Papers relating to the appointment of John Henderson as IWM for Morpeth
Ward:
NRO672: Papers relating to the standards for the Manor of Hexham