

'Land for military purposes'

The development of the military estate in Britain 1790-1914.

Frederick Joseph Corbett MA (His.), MA (Ed.), BSc.
Registration No. 100098390

Thesis submitted in fulfilment of the requirements for the degree of Doctor of Philosophy in
the School of History

UNIVERSITY OF EAST ANGLIA
MAY 2024

Part Two - Appendices

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APPENDIX A

Appendix Ai) Calculations of the number of soldiers in the army 1815 to 1920. ¹

In trying to understand the needs of the military in terms of, defence fortifications, barracks, camps, ranges and training facilities, it is important to have as accurate a picture as possible an estimate of the number of troops involved. However, Jomini stated the nature of military statistics was notoriously unclear. The author has spent a considerable amount of time collating as detailed a statement about military numbers as possible. These were extracted from a variety of reports and Army Estimates and from the literature on the military covering the study period. The tables below provide that collated information and has informed troop numbers used in the thesis.

Jomini was particularly scathing about the accuracy of military statistics and there has frequently been a lack of clarity about what counts as a 'soldier' in returns. As he put it, 'We have but vague and superficial statements, from which the strength of armies and navies is conjectured, and also the revenue supposed to be possessed by a state, which is far from being the knowledge necessary to plan operations. Our object here is not to discuss thoroughly these important subjects, but to indicate them, as facilitating success in military enterprises.'² Not least among the confusion in gathering data was the lack of clarity about where the artillery and engineers returns should be counted.

Year	Military Numbers	Army Numbers	Home Numbers	NOTES
1810		226,000	127,495 78,551	Includes 48,944 militia In accommodation
1815		233,592		
1817		92,000		
1819			64,000	
1820		114,000		
1821/ 1822			61,544	HOC 188 Return of Number of Officers, Men and Horses at each Barrack in Great Britain, 1821 and HOC 386 - Return of Barrack Office Establishment in Great Britain, 1820
1825			44,000	
1828		102,539		
1830		106,000		

¹ David Chandler and Ian Beckett, *The Oxford History of the British Army*, (Oxford, 1994, using 2003 version);

J.W.F. Fortescue, *Military History: lectures delivered at Trinity College, Cambridge*, (Cambridge, 1914).

Ron McGuigan & Robert Burnham, *The British Army Against Napoleon: Facts, Lists and Trivia 1805-1815* (Barnsley, Yorkshire, 2010);

Tom Rutherford, Defence personnel statistics - SN/SG/02183 26 September 2014 Social and General Statistics – Library of the House of Commons; TNA WO 33/9 – Detailed abstract of parts I and ii of Barrack Estimates – 1860-'61.

² Antoine Henri de Jomini, *The Art of War*, (1836) (translated by Mendell. G.H, & Craighill. W.P. U.S.Army 1862), p.30.

1835/'36		109,243		
1838		87,933		
1839		91,388		
		98,912		PP Sanitary report 1861
1840		130,067		
1845		138,492		
1846		116,434	44,980 In England, Wales & Scotland)	
1848		120,644	79,602 of which 29,770 in Ireland 37.4%	PP Sanitary report 1861
1848/'49	219,639 inc navy	178,139	131,529 72,508 regulars	TNA Abstract return of all ranks of the regular army 1848
1850		151,000 99,100		Defence personnel statistics - SN/SG/02183 26 September 2014. Tom Rutherford, Social and General Statistics – Library of the House of Commons.
1852		119,111		PP Sanitary report 1861 plus 80,000 militia
		118,626		PP Sanitary report 1861
1855		223,000		
1855		245,570		
1857			127,532 40,756 in Ireland (32%)	TNA 1857 Barracks return
1859				Palmerston folies developed during this period - <i>recruits 30,196</i>
1860	Embodied militia 22,033	215,000	66,729 +15,437 in India	120,000 volunteers recruited 83,771 in India <i>recruits 27,327</i>
1861	Embodied militia 5,406	217,922	85,434 +12,597 in India 57,922 in England 23,685 in Ireland (29%)	Includes East India Co. 70,414 in India TNA 1861 army estimates
1862				160,000 volunteers
1868		172,014		Effective rank and file strength – Gen. annual army returns of British Army Spiers p120
1870		185,000	70,000 estimate	
1871				Cavalry yeomanry under control of Crown.
1870s		124,301 12.% Colonies 38% India	62,383 50%	PP Cardwell proposals HC 1872 - C493
1872		166,985		Effective rank and file strength – Gen. annual army returns of British Army Spiers p120
1880		167,909 131,859		Effective rank and file strength – Gen. annual army returns of British Army Statement Spiers p120
1883		124,000		
1884		158,029		Effective rank and file strength – Gen. annual army returns of British Army Spiers p120
1888		186,839		Effective rank and file strength – Gen. annual army returns of British Army

				Spiers p120
1890		210,000		
1892		186,447		Effective rank and file strength – Gen. annual army returns of British Army Spiers p120
1898		194,705		Effective rank and file strength – Gen. annual army returns of British Army Spiers p120
1900	416,400	275,000 301,500		Ref. Defence personnel statistics - SN/SG/02183 26 September 2014 Tom Rutherford Social and General Statistics – Library of the House of Commons.
1914		247,432		Grew to 463,000 by the end of the year
1918		3,818,292		
1920		370,000		
1950	696,500	301,500		Ref. Defence personnel statistics - SN/SG/02183 26 September 2014 Tom Rutherford Social and General Statistics – Library of the House of Commons.
2000	207,600	110,100		
2014	159,000	91,000		

Appendix Aii)- Secretaries of State 1812- 1914

Reference is made within the thesis to some secretaries of state, especially those in bold below. This summary shows the full list of political leaders with responsibility for the military from 1812, their length of tenure and political affiliation. It is a reminder of the range of leaders in that important office of state, a reminder as to how short term some of the terms was and also a reminder that while some Secretaries of State became well known and influential the very fact that others were in office in between the well know and influential meant that either lesser-known figures kept the reforms and initiatives going or created a barrier to more rapid implementation.

Secretary of State for War and the Colonies	Length of tenure	Tenure in months	Party	Notes
Henry Bathurst 3 rd Earl Bathurst F.J Robinson 1 st Viscount Goderich William Huskinson Sir George Murray	1812-1830	177 months 4 months 8 months 30 months	Tory	
F.J Robinson 1 st Viscount Goderich Edward Smith-Stanley Thomas Spring Rice	1830-1834	29 months 2 months 5 months	Whig	
Arthur Wellesley 1 st Duke of Wellington George Hamilton-Gordon 4 th Earl of Aberdeen	1834-1835	< 1 month 4 months		
Charles Grant 1 st Baron Gleneig Constantine Phipps 1 st Marquess of Normanby Lord John Russell	1835-1841	46 months 6 months 24 months	Whig	

Edward Smith-Stanley Baron Stanley of Bickerstaffe	1841-1846	51 months	Conservative	
William Ewart Gladstone		6 months		
Henry Grey	1846-1852	68 months	Whig	
Sir John Pakington	1852-	10 months	Conservative	
Henry Pelham-Clinton 5 th Duke of Newcastle	1852-1854	18 months	Peelite	Crimean war
Secretary of State for War	Length of tenure		Party	Notes
The Duke of Newcastle	1854-1855	7 months	Peelite	Crimean war
The Lord Panmure	1855-1858	36 months	Whig	Period of major concern about sanitation
Jonathan Peel	1858-1859	16 months	Conservative	
Sidney Herbert	1859-1861	25 months	Liberal	
Sir George Cornwall Lewis	1861-1863	21 months	Liberal	
The Earl de Grey and Ripon Marquess of Hartington	1863-1866	34 months	Liberal	
		4 months		
Jonathan Peel	1866-1868	8 months	Conservative	
Sir John Pakington		21 months		
Edward Cardwell	1868-1874	62 months	Liberal	Cardwell reforms
Gathorne Hardy	1874-1880	49 months	Conservative	
Frederick Stanley		24 months		
Hugh Childers	1880-1882	31 months	Liberal	Childers reforms and first Boer war
Marquess of Hartington	1882-1885	19 months	Liberal	
W.H Smith	1885-1886	7 months	Conservative	
The Viscount Cranbrook		<1 month		
Henry Cambell- Bannerman	1886	5 months	Liberal	
W.H Smith	1886-1887	5 months	Conservative	
Edward Stanhope	1887-1892	67 months	Conservative	Stanhope memorandum
Henry Cambell- Bannerman	1892-1895	34 months	Liberal	
The Marquess of Lansdowne	1895-1900	64 months	Liberal Unionist	Second Boer war
St John Brodrick	1900-1903	35 months	Irish Unionist	Second Boer war
H.O. Arnold-Foster	1903-1905	26 months	Liberal Unionist	
Richard (from 1911 Viscount) Haldane	1905-1911	78 months	Liberal	Haldane reforms
J.E.B Seely	1912-1914	21 months	Liberal	Up to beginning of WW1
H.H. Asquith as PM		5 months		

Appendix A iii) – Examples of the detailed reports and returns of military sites as referred to in Sources.

Chapter 1 stresses the importance of the Lands and Tenements Returns in providing an accurate census of military sites and their size in terms of area. Prior to that time the various returns as illustrated in this section were the most important sources to identify the sites in use and provided a variety of details which helped create a fuller picture of the military estate. The examples in this appendix illustrate some of the key sources and the type of information they provide.

Examples of the information contained in various returns and reports that provided information concerning the planned size and usage of military sites. These are invaluable surrogates for and additions to the analysis of the size of the military estate prior to the Land and Tenements returns after 1862.

1810

23rd February 1810	Return of the Number and Rank of the Officers Employed on the Military Staff in the several Districts in Great Britain; specifying The amount of staff pay and other emoluments accruing to each officer from his situation on the staff together with an account of the number of troops quartered in each District.				
	PP HOC 70 Return of Number of officers employed on Military Staff in Districts of Great Britain 1810				
District	Cavalry	Royal Artillery	Infantry	Militia	TOTAL
Northern	290	255	718	1,788	3,051
York	677	239	916	1,169	3,001
North West	666	-	431	1,063	2,160
Eastern	2,029	1,350	9,624	7,556	20,559
Inland	932	-	1,929	415	3,276
Home	3,138	-	3,836	3,633	10,607
Kent	2,721	2,298 + 170 RE	11,917	4,964	22,070
Sussex	1,146	587	12,320	6,149	20,202
Isle of Wight	-	25	790	78	893
Portsmouth	-	811	1,174	166,165, 425	7,410
South West	855	253	1,172	1,906	4,186
Western	558	682	327	6,949	8,516
Severn	49	-	775	1,577	2,401
Guernsey & Alderney	503	163	3,956	-	4,622
Jersey	-	209	3,326	-	3,535
North Britain	914	-	3,820	6,272	11,006
TOTAL	14,478	7,042	57,031	48,944	127,495

1821 / 1822

<p>19th March 1821</p> <p>5th January 1822</p>	<p>Barrack stations as per – A return of the Barrack Office establishment, of Barrack-Masters and Deputy Barrack-Masters and their establishments, at every station abroad (not included) and at home for the year 1820 AND The return of Barracks showing the number of officers men and horses</p> <p>PP HOC 188 Return of Number of Officers, Men and Horses at each Barrack in Great Britain, 1821</p> <p>PP HOC 386 - Return of Barrack Office Establishment in Great Britain 1820</p>
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Division / Barracks	Cavalry Infantry	Constructed for			Nos. quartered during 1822			material Stone Wood Brick
		Officers	Men	Horses	Officers	Men	Horses	
Northern								
Berwick	Inf	15	452	-	2	41	-	S
Berwick Governor's	Inf	10	-	9	1	-	-	S
Berwick Holy Is. Cas.	Inf	1	48	-	-	-	-	S
Burnley	Cav	9	106	112	-	-	-	S
Burnley	Inf	11	204	-	-	-	-	S
Carlisle	Inf	8	160	-	7	137	-	S
Chester	Inf	9	312	-	9	312	-	B&S
Halifax (with Leeds)								
Hull	Inf	13	526	6	11	521	6	B
Isle of Man - Douglas	Inf	-	50	-	-	23	-	S
Castle Town	Inf	-	66	-	-	66	-	S
Leeds	Cav	21	356	390	3	35	42	B
Macclesfield	Inf	16	464	-	19	371	-	B
Manchester	Cav	24	320	354	23	340	334	B
Manchester	Inf	35	792	-	17	265	-	B
Nottingham	Cav	13	177	188	14	177	188	B
Oldham								
Rochdale								
Scarborough	Inf	6	112	2	5	112	-	S&B
Stapleton prison & guard Cumbria	-	-	-	-	-	-	-	S
Sheffield	Cav	12	163	182	9	167	153	B
Stockport with Ashton Under Line	Inf	7	174	4	7	147	-	B
Sunderland	Inf	33	992	19	29	593		W
Blackburn Temp	Temporary - no return on permanent staffing							
Bolton Temp								
Huddersfield Temp								
Newcastle Upon Tyne								
York	Cav	22	244	266	28	242	228	B
TOTAL		265	5574	1532	184	3594	951	

Kent								
Canterbury Old	Cav	20	288	266	15	300	273	B
Canterbury New St George's	Cav	-	100	150	-	-	-	B
Canterbury Old St George's	Cav	-	256	496	-	86	78	B
Canterbury New	Inf	39	830	8	21	635	8	B
Canterbury Old	Inf	24	608	7	11	-	7	B
Deal North	Inf	39	670	-	-	-	-	B
Deal Old	Cav	-	170	252	2	21	19	B
Dover Castle	Cav	15	500	6	4	77	-	B&S
Dover Heights	Inf	25	500	-	2	55	-	B
Maidstone	Cav	18	600	217	12	360	50	W
Sheerness	Cav	21	556	-	19	457	-	B&W
Shorncliffe	Inf	33	560	20	-	-	-	B&W
		234	5638		86	1991		
Eastern								
Chelmsford	Inf	44	840	40	18	551	-	W
Colchester	Inf	51	800	16	16	602	4	W
Harwich	Inf	50	808	18	4	80	3	W
Ipswich	Cav	18	200	202	11	178	63	B
Landguard Fort	Inf	13	200	-	5	99	-	B
Norwich	Cav	25	296	266	4	76	71	B
Romford	Cav	28	336	404	22	341	256	W
Tilbury Fort	Inf	17	100	-	2	41	-	B
Yarmouth	Inf	8	100	-	6	100	-	B
Yarmouth Naval Hospital	-	-	-	-	-	-	-	B
		254	3680	946	88	2068	397	
Isle of Wight								
Parkhurst	Inf	83	2,032	53	85	1,963	20	W
Portsmouth								
Chichester	Cav	20	320	340	4	233	-	W
Chichester	Inf	48	620	10	25	620	-	W
Fort Cumberland	Inf	27	600	8	23	501	4	B
Gosport	Inf	22	600	5	18	489	-	B
Haslar (pt to marines)	Inf	28	500	30	10	204	1	B
Hilsea	Inf	9	156	-	5	154	-	B & nogging in pt
Portsmouth								
Fourhouse	Inf	16	400	-	23	398	-	B
Colwort	Inf	22	398	-	21	398	-	B
Southsea Castle	Inf	3	100	-	3	79	-	B
Portsea								
Sussex								
Arundel	Cav	Ordered to be sold						W

Bexhill	Inf	Ordered to be sold						B&W
Brighton	Cav	26	296	255	23	250	296	B
Brighton	Inf	-	508	-	-	508	-	B
Eastbourne	Cav	5	58	63	2	32	34	B
Hastings	Cav	11	185	170	7	56	58	W
Hastings	Inf	36	600	10	-	-	-	W
		356	7373		249	5885		
South West / West & Severn								
Brecon	Inf	6	180	-	3	36	-	B
Dartmoor Prisn	-	-	-	-	-	-	-	S
Dorchester	Cav	19	178	188	-	7	-	B
Exeter	Cav	16	177	202	5	31	34	B
Maker Heights	Inf	9	200	-	-	-	-	S&W
Milford	Inf	-	25	-	-	25	-	B
Modbury	Cav	7	57	63	-	2	2	S
Paignton Naval Hosp	-	Ordered to be sold						
Pendennis Old	Inf	8	136	-	2	65	-	S&W
Pendennis New	Inf	3	44	-	2	-	-	
Plymouth								
Citadel	Inf	34	500	-	29	451	-	S
Stonehouse	Inf	40	770	-	33	710	-	S&W
St Nicholas Is.	Inf	3	96	-	2	72	-	S
Marlborough Sq.	Inf	12	350	-	19	656	-	B nogging
Granby Sq.	Inf	12	184	-			-	B noggin
New Granby Sq.	Inf	6	144	-			-	B&W
Cumberland Sq.	Inf	7	294	-	28	613	-	S
New Cumberland Sq.	Inf	14	310	-			-	W
George's Sq.	Inf	11	325	-			-	B & nogging
Mill Bay Prison and guard	-	-	-	-	-	-	-	S
Scilly	Inf	7	82	-	1	12	-	S
Taunton	Cav	4	58	63	-	-	-	B
Totnes	Cav	4	58	63	-	-	-	S
Truro	Cav	9	180	210	3	23	28	W
Weymouth	Inf	17	270	-	-	-	-	B
Radipole	Cav	47	462	640	19	219	171	W
Winchester	Inf	36	2,055	10	22	707	7	B
		331	7135		168	3629		
Home								
Chatham	Inf	92	2,524	16	92	2,413	16	B
Chatham Fort Old	Inf	20	14	-	12	14	-	B
Chatham Pitt New	Inf	-	540	-	-	451	-	B
Chatham Upnor	Inf	3	98	-	1	30	-	B
City Road Stables	Cav	-	54	54	-	-	-	B
Croydon	Cav	24	360	372	7	56	34	W
Deptford	Inf	4	137	-	4	136	-	W

Hampton Court	Cav	7	164	156	5	131	120	B
Horse Guards								
Queens Guard	Inf	1	60	-	-	60	-	B
Horse Guards	Cav	4	58	60	4	57	60	S
Armory	Inf	-	17	-	-	17	-	B
Hounslow	Cav	29	288	329	20	245	199	B
Hyde Park	Cav	40	368	385	36	368	385	B
Magazine		1	82	-	-	62	-	B
Kew	Inf	3	64	-	1	50	-	B
Knightsbridge	Inf	3	500	4	3	405	2	B
Kensington	Cav	2	44	52	1	46	45	B
Kensington	Inf	1	75	-	1	72	-	B
King's Mews	Inf	5	714	-	4	702	-	B
Portman Street	Inf	5	566	3	4	566	-	B
Regent's Park	Cav	39	397	400	38	350	344	B
Tower of London	Inf	41	845	-	14	769		B
Windsor	Cav	23	212	220	23	212	220	B
Windsor	Inf	27	811	-	17	579	-	B
		374	8992		287	7791		
Inland								
Coventry	Cav	16	200	189	8	119	126	B
Birmingham	Cav	19	169	188	19	169	181	B
Northampton	Cav	13	113	124	9	114	10	S
		48	482		36	402		
Guernsey								
Alderney Longy	Inf	3	54	-	3	47	-	S
Corblets	Inf	4	54	-	4	46	-	S
Guernsey Vale Cas.	Inf	7	140	1	-	13	-	S
Guernsey Grande Roque	Inf	3	60	2	-	-	-	S
Guernsey Richmond	Inf	7	112	6	-	1	-	W
Guernsey Le Ree	Inf	7	96	6	-	4	-	W
Guernsey Jerbourg	Inf	4	96	2	-	70	-	B
Guernsey Ft. George	Inf	13	300	5	9	229	4	B&S
Guernsey Manor Hse	Inf	6	-	7	3	-	2	S
Guernsey Castle Cornet	Inf	7	200	-	3	90	-	S
Jersey								
Bonne Nuit	Inf	3	90	4	-	10	-	S
Elizabeth Castle	Inf	13	300	-	3	57	-	S
Fort Regent	Inf	36	392	-	15	340	-	B&S
Greve de Lecq	Inf	3	100	4	-	5	-	S
Rozel	Inf	3	90	4	-	8	-	S
St. Peter's	Inf	22	400	6	-	16	-	S
		141	2484		40	936		
North Britain								
Aberdeen	Inf	19	552	40	15	316	4	S
Ayr	Inf	20	401	4	19	352	4	S

Blackness	Inf	1	50	-	-	2	-	S
Dumbarton Castle	Inf	3	50	-	3	76	-	S
Dundee	Inf	38	500	4	6	141	-	S
Edinburgh	Inf	48	1,200	-	35	637	-	S
Edin. Queensbury	Inf	11	-	-	-	-	-	S
Fort Charlotte	Inf	9	220	-	-	1	-	S
Fort Augustus	Inf	17	280	-	3	16	-	S
Fort George	Inf	88	1,000	12	9	236	1	S
Fort William	Inf	8	96	-	3	42	-	S
Glasgow	Cav	21	368	390	15	280	269	S
Glasgow	Inf	35	1,008	-	28	628	-	S
Greenlaw Prison	-	-	20	-	-	7	-	S
Hamilton	Cav	17	172	202	151	192		S
Paisley	Cav	-	40	40	-	34	38	Hired and about to be given up
Paisley	Inf	4	158	-	2	171	-	
Perth	Inf	25	600	28	6	104	28	S
Perth prison & guard	-	-	-	-	-	-	-	S
Piershill Edinburgh	Cav	27	344	376	17	258	188	S
Port Patrick	Inf	1	24	-	-	-	-	S
Stirling Castle	Inf	15	505	-	15	343	-	S
		407	7588		327	3836		

1822

1822 Ordnance Department	A return of the names of places where Barracks and Barrack Establishments are kept up for the Ordnance, in the United Kingdom; distinguishing Temporary and 'Wooden, from Brick and Stone Barracks, and whether for Infantry or Cavalry; stating also the Number of Officers, and Men and Horses, each Barrack is calculated to contain, and the greatest Number of Officers, Men and Horses, quartered at any time in each of them in the year ending 5th January 1822.							
	PP, HOC 330 - Return of Places kept for Barracks for Ordnance in United Kingdom							
	Constructed for				Nos. quartered during 1821			material
Division / Barracks P – Permanent T - Temporary	Cavalry Infantry	Officers	Men	Horses	Officers	Men	Horses	Stone Wood Brick Timber
Alderney - P	Inf	-	40	-	-	2	-	B&S
Avon & Portishead - P	Inf	2	42	-	-	-	-	B&S
Canterbury – T Lease to 1823	Cav & Inf	39	1008	423	8	11	-	B&S
Chatham - P	Cav & Inf	65	3464	424	18	112	-	B&S
Chatham - T	Cav & Inf	-	40	293	-	-	-	T
Christchurch - P	Cav & Inf	6	163	161	-	1	5	B&S
Dover - P	Inf	5	81	-	3	49	-	B&S

Eastbourne - P	Inf	31	712	-	-	17	-	B&S
Exeter - P	Cav & Inf	13	342	284	-	-	-	B&S
Gravesend - P	Inf	4	66	-	4	4	-	B&S
Guernsey - P	Inf	7	160	8	4	53	2	B&S
Guernsey - T	Inf	-	8	-	-	-	-	T
Harwich - P	Inf	7	160	8	4	53	2	B&S
Hull - P	Inf	1	1	-	1	1	-	B&S
Jersey - P	Inf	9	312	-	5	63	-	B&S
Leith Fort - P	Cav & Inf	12	365	288	10	105	-	B&S
Marchwood - P	Inf	3	56	2	-	14	-	B&S
Newcastle - P	Cav	40	770	288	38	665	228	B&S
North Hyde - P	Inf	3	50	-	-	8	-	B&S
Plymouth - P	Cav & Inf	14	495	169	9	122	38	B&S
Portsmouth - P	Cav & Inf	12	381	100	9	116	4	B&S
Portsmouth - T	Cav & Inf	-	5	65	-	-	-	T
Priddy's Hard - P	Inf	1	183	60	-	2	-	B&S
Priddy's Hard - T	Inf	-	3	-	-	-	-	T
Purfleet - P	Inf	3	115	3	3	40	1	B&S
Ringmer - P	Cav & Inf	19	465	92	5	73	50	B&S
Scarborough - P	Inf	-	2	-	-	2	-	B&S
Scilly Islands - P	Inf	-	8	-	-	5	-	B&S
Shorncliffe - P	Inf	42	1168	150	1	2	1	B&S
St John's Wood - T Lease to 1831	Cav & Inf	3	124	89	-	-	-	
Tipnor Point - P	Inf	4	56	-	1	52	-	B&S
Tynemouth - P	Inf	5	160	-	2	146	-	B&S
Warley - P	Cav & Inf	10	272	222	1	1	-	B&S
Weedon - P	Cav & Inf	33	476	161	27	488	4	B&S
Woolwich - P	Cav & Inf	131	3581	1291	132	1970	366	B&S
Woolwich - T	Cav & Inf	-	72	291	-	-	-	T
TOTAL		524	15,406	4,872	285	4,177	701	

NORTH		41	773	288	39	668	228	
					95.1%	86.4%	79.2%	
EAST +		20+33	547 + 476	233 + 161	8 + 27	94 + 488	3 + 4	
					40% / 81.8%	17.2% / 102.5%	1.3% / 2.3%	
IRELAND TOTAL		129	3,909	1,794	74	1,062	361	
					57.4%	27.2%	20.1%	

Appendix A iv) The Health Challenge - Barracks Return for 1848 – 1857

This report, and related returns, provided a very detailed review of the barracks accommodation in Britain and was invaluable in creating an accurate picture in the decade prior to the Land and Tenements Returns

A return showing the amount of accommodation in each Barrack in the United Kingdom, with the number of men apportioned to each room and the cubic space allowed for each man; As stated in a Return to the House of Commons made by the Barrack Department in 1848. ³

Crimean War 1853 to 1856 Sanitation report 1858 and 1861

RETURN to an Address of the Honourable The House of Commons, dated 29 May 1857 for a 'RETURN of the several BARRACKS and ENCAMPMENTS occupied by TROOPS on the 1st day of January 1857, with the Number of Rank and File they are each calculated to contain; showing, in a Tabular Form, if the Barrack Rooms and Passages are lighted with Gas; if separate Quarters are provided for Married Private Soldiers, as distinguished from Families in Barrack Rooms; if Ovens or means of Roasting are provided in the Kitchens, and if Ovens for instructing Soldiers in Baking Bread are attached; if Fives Courts, Skittle Grounds, or the means of practising Gymnastic Exercises are provided for Soldiers; if any Cricket Ground is attached to the Station or provided at the Expense of Government; and also, the Amount of Accommodation for Libraries and Reading Rooms in each Barrack.'

Area	Barracks	Type	Size 1848	Size 1857	Rooms	Men/Rm	Feet ³ /Man
NORTH	Newcastle-upon-Tyne		474	474			606
	Tynemouth		236	236			423
	Sunderland		316	316			
	Carlisle Castle		294	282			484
	Hull Citadel		505	336	49	10-12	273-315
	Scarboro' Castle		126	24	13	10	319
	York	CAV	276	??	28	8	552
	Leeds	CAV	360	360	36	12	540
	Bradford	CAV+INF	142	300	12	6-18	375-759
	Manchester	HulmeCAV	396	424	39	9	545
	Manchester	SalfordINF	859	947	56	14-16	489-536
	Preston		1,203	814			574
	Ashton-under-Lyme		340	332			574
	Bury		340	342			573
Chester		292	284			539	

³ PP, Report of the Commissioners appointed to inquire into the regulations affecting the sanitary condition of the army, the organization of military hospitals, and the treatment of the sick and wounded', Presented to both Houses of Parliament by Command of Her Majesty. (London, 1858 and 1861), pp. 439-442.

	Burnley		258				366
	Stockport		166	162			434
	Sheffield		165	834			331
	Castletown lofM		74	55			411
	Liverpool			200 100			
	NORTH 19 barrack locations		6,822 (8.6%)	6,822			
	Birmingham		201	201			523
	Coventry		198	196			
	Nottingham			178			430
	Weedon (Northants)	Upper (nr Daventry)	451	465			538
	Northampton		218	170			514
	MIDLANDS 6 barrack locations		1,754 (2.2%)	1,032			
EAST	Ipswich	CAV	186	186	22	6-8	452-467
	Norwich	CAV	234	234	26	8	443-541
	Harwich	Redoubt	94	77	6	15-16	465-496
	Landguard	Fort	161	138	26	4-16	236-605
* Also part of Thames defences	*Tilbury	Fort INF	180	215	19		308-381
	*Coalhouse	Fort	92				
	*Purfleet	Artillery	81	88	6	11	349
	Colchester			3,000			
	Yarmouth			428			
	Shoeburyness			206			
	EAST 6 barrack locations		936 (1.2%)	4,572			
THAMES	Chatham	INF	2,784	2,751	173		219-350
	Chatham	St Mary's Casemates	840	1,128	77		243-375
	Brompton	ORDNANCE & INF	1,397	1,791 +506	162		243-450
	Upnor	INF	66	66	11		220-425
	Maidstone	CAV	360	360	24		174-500
	Gravesend	INF	119	50			294
	Shornemead Fort			63			
	Sheerness	INF	349	859	45		338-441
	THAMES DEFENCES 7 barrack locations + 2 in Essex.		5,915	7,574			
	Woolwich	Artillery	2,423	3,762	186	12-22	369-583
		Engineers Huts	235	91 1,008	11	18-24	433-576
	Windsor	CAV	423	784			475
		INF	870	416			332
	Hounslow	CAV	288	260			467
	Hampton Court	Old New	73 54	127			468 508
	Croydon		320	500			442
	OUTER LONDON 8 barrack locations		4,686	6,948			

LONDON	LONDON	Wellington	713	517			390	
		St. George's	663	979			390	
		Buckingham Palace	50	45			429	
		Regent's Park CAV	443	397			499	
		Portman Street	472	538			331	
		St John's Wood	194	228			370	
		Hyde Park CAV INF	419 83	572 83			572 376	
		Kensington CAV INF	44 67	41 81			363 285	
		Tower INF Artillery	651 48	766			397 ?	
	LONDON 12 barrack locations in London		3,847	4,247				
	In and around London 27 barrack locations (18.2%) accommodating 14,448 men							
SOUTH	<i>Aldershot</i>	<i>South Camp</i>		10,848				
		<i>North Camp</i>		7,260				
	Portsmouth	Artillery		175	196	7	20-27	387-578
		Colewart		268	215	15	16	348
		Cambridge		361	542	18	18-22	342-550
		Fourhouse		303		13	23	401-518
		Fort Cumberland		634		34	16-28	299-546
		Anglesey Barracks			985			
		RE Barracks			101			
		Point Battery			80			
				1,741	2,119			
	Gosport	Forton		599		14	30-38	502-567
		Haslar		350	350	23	13-21	521-537
		Fort Monkton		291	291	31	6-13	454-477
		Blockhouse Fort			92			
		Brown Down			120			
				1,313	853			
Tipnor Portsmouth				79	11	5-12	287-351	

	Albany Parkhurst loW		1,524		92	12-24	333-520
	Marchwood Southampton		56	56 42	4	14	528
	Chichester		650	734	40	14	335
	Winchester		1,751		129	14	344-467
	Christchurch		174	145	10	6-42	373-532
	Brighton	CAV	196	2,045	10		412
	Brighton	INF	228		16		347
	Eastbourne		200		10		768
	Dover	Drop Redoubt	85	84	4	9-25	428-594
		Western Heights INF	657	1,083	27	23-25	416-437
		Castle	584	936	28	9-48	147-412
		South Lines Casemates	136	115	5-32	26	395-458
		Citadel		539			
			1,462	2,757			
	Canterbury	CAV	288	295	30	9	467
		Artillery	210	229	14	15	308-490
		Northgate INF	476	426	24	16-20	343-534
		Permanent INF	867	847	42	20	382-394
			1,841	1,797			
	Hythe	INF	245	200	12	20	386-434
	Shorncliffe	Artillery Huts	114	104 +5,291	8	14	378-396
	Walmer	CAV	80	78	7	10-20	428-1,052
		North INF	410	404	12	29-36	351-492
		South INF	595	475	16	20-23	290-507
	Sandown Castle			32			
	Winchester			1,747			
	SOUTH 30 barrack locations		12,580	37,066			
			(15.8%)				
SOUTH WEST	Plymouth	Citadel	1,172	1,110	112	3-32	345-1,536
		St. Nicholas Is.	134	135	16	8-11	350-363
		Maher Barracks	162	218	8	16-24	418-485
		Staddon Point	90	90	7	11-15	404-495
		No4 Redoubt	32		3	6-20	459-478
		No 5 Redoubt	22		4	4-8	340-391
			Prince of Wales Redoubt		76		

		No6 Redoubt		20			
		Picklecomb barracks		96			
			1,612				
	Devonport	Mount Wise	266	264	13	9-25	378-584
		George's Square	234	202	23	10	395
		Cumberland	182		15	11	365
		Picquet	105		9	7-12	300-335
		Ligonier Square	186		16	11	368
		Frederick Square	85		8	9	441
		Granby	88	144 +146	6	12-14	398-430
			Raglan		1,932		
			1,146				
	Pendennis Castle		130	130	23	20-48	301-329
	St Mawes		20		1	20	351
	Exeter	CAV	206	542	23	5-8	462-589
	Exeter	Artillery	338		28	12	394-427
	Taunton		61	61	7	6-8	497-523
	Dorchester		185	177	20	8	515
	Weymouth		168	234	10	15-18	494-603
	Portland			83			
	Trowbridge		152	152	13	5-68	375-604
	Bristol		450	450	28	12-16	450-550
	Hurst Castle			98			
	SOUTH WEST 22 barrack locations		4,468 (5.6%)	6,360			
ENGLAND - 110 barrack locations with accommodation for 41,008							

	Cardiff			130			
	Brecon		370	356			550
	Newport		528	505			580
	Pembroke +huts		223	375 +1,014			390
	WALES TOTAL 3 barrack locations		1,121 (1.4%)	2,380			

Edinburgh	Edinburgh	Castle	860	815	108		316-590
	Piershill	CAV	362	354	48		500-645
	Leith	Fort	276	241	25		330-450
	Blackness	Castle	56		6		240-400
	Greenlaw		224	224	16		374-434
	Berwick		720	720			274
	Holy Island	Castle	28		4		290-620
	Dundee		308		12		280-600
	Perth		464	384	26		240-440
Glasgow	Glasgow	CAV	364				551
		INF	822	799			405
	Hamilton	CAV	175	513			471

	Paisley	INF	256	241	17		4820-516
	Dumbarton	Castle	60	111			433
	Ayr		374	432	34		348-382
	Stirling	Castle	560	437			508
	Inverness	Fort George	1,154	1,249	175		476-530
	Loch Ness	Fort Augustus	230		28		344-459
	Fort William		58	1	11		311-476
	Aberdeen		352	400	29		486-504
	SCOTLAND TOTAL in 20 barrack locations		7,703 (9.7%)	6,921			

Antrim	Carrickfergus		86				320
Armagh	Armagh Huts		142	169 +314	13	6-16	255-700
	Charlemont	Fort barracks Lower Square	91 70	178	10 6	7-12 10-12	438-514 220-378
	Newry	Linen hall	698		50	10-14	257-280
Belfast	Belfast	INF	872				402
	Belfast	Artillery	112				517
	Belfast	INF	872				402
	Belfast	Artillery	112				517
			1968	??			
Carlow	Carlow		132	215			354
Cavan	Belturbet		170		9	11-27	338-495
	Cavan		112		5	22-23	349-538
Clare	Clare Castle		192				482
Cork	Cork		1,946	1,923	139	9-15	400-480
		Elizabeth Fort	200	180	20	4-11	276-841
		Camden	165	91	13	9-14	412-487
		Carlisle Fort	116	87	7	9-35	336-404
		Spike Is.	112	267	8	14	300
		Haulbowline	98	98	4	21	376
		Cat Fort Rocky Is		100 30			
		CORK	2,637	2,776			
	Ballincollig		408	408	34	10	462
	Bandon		120		14	8-12	375-450
	Buttevant		931	1,046			422
	Charlesfort		282		38	8	315
	Clonakilty		84	211	7	10	320
	Fermoy	Old INF	1,230	1,282			394
CAV		96	306			520	
New INF		495	1,236			394	
Kinsale Charles Fort		472	579 522	59	8	450	
Mallow		90				228	
Mill Street		82				229	

	Youghall		168				403
Derry	Londonderry		285	582	14	20	457-499
	Coastal			306			
Donegal	Ballyshannon		58		5	10-16	435-576
	Rutland		85		7		158-648
	Lifford		41		2	20	294
Down							
	Downpatrick		70		8	5-14	321-445
Dublin	Dublin	Royal Barracks	1,916	2,048			353-950
		Portobello	731	919			440
		Pigeon House Fort	207	205			380
		Beggar's Bush	323	606			416
		Richmond Huts	1,341	1,345			338
		Island Bridge	440	464			329
		Magazine		25			
		Ship St		596			
		Aldborough		276			
		Linen Hall		700			
			DUBLIN	4,948	7,376		
Fermanagh	Bellick		50		3	14-18	353-357
	Enniskillen	Main	300	530	31	10	297-375
Galway	Dunmore		69		4	6-30	304-406
	Ballinglasrobert		50				360
	Galway	Castle	120		12	10	325
	Galway	Shambles	264		33	8	401
	Portumna		63	63	5	9-17	227-541
	Oughterard		142		14	10	390
	Loughrea		60		4	14	375
	Gort		88		7	12	413
Kerry	Tralee		369	608			349
Kildare	Naas		402	356			371
	Athy		48	48			373
	Newbridge		856	1,278			371
	Curragh			10,000			
Kilkenny	Castlecomer		94				433
	Kilkenny		534	600			363
Leitrim	Carrick on Shannon		126		6	18-24	326-340
Limerick	Newcastle		90				408
	Limerick	Artillery	164	164			468
		Castle	206	159			411
		New barracks	555	863			385
		John's Square	96				378

		Strand	236				475
	LIMERICK		1,259	1,186			
Longford	Granard		40	50	7	4-10	360-437
	Longford	Artillery CAV	110 161	104 150	4 12	9-22 6-18	352-438 338-523
Louth	Dundalk		404	368	24	16	384
	Drogheda	Mill Mount	124	118			426
	Martello Towers	Fair Street	68	48			262
Mayo	Ballinrobe	INF CAV	90 114		10 10	8-10 7-66	346-399 213-873
	Westport		114	114	14	8	467
	Foxford		74		7	10	405
	Castlebar	Artillery INF	53 454		5 41	10-13 11	337-441 350
Meath	Navan		52	61			515
	Trim Huts		72	58 +150			391
Monaghan				84			
Offaly	Parson's-town		1,093	1,169	60	17	352
	Banagher		63	63	7	9	334
	Tullamore		83	80	6	12-15	367-432
	Philipstown		118	22	8	14-16	382-426
Queens Co. Portlaoise	Maryborough		66	66			320
Roscommon	Boyle		248		13	10-31	416-616
	Roscommon		85	84	5	14-15	365-373
	Shannon Bridge		206	122	12	8-21	322-428
	Ballaghadireen		94		6	14	337
Sligo	Sligo		72		3	16-28	310-351
Tipperary	Templemore		1,119	1,134			430
	Cahir		360	405			382
	Clonmel	Artillery	118	183			383
		INF	365	465			423
	Fetard		119	131			355
	Nenagh		171				498
	Cashel		128	130			365
	Clogheen			62			
	New Inn			31			
Tyrone	Omagh		84	122	6	6-27	314-322
Waterford	New Ross		50				345
	Waterford	Artillery Infantry	120 378	120 402			466 355
		Carrick on Suir			76		
	Ballinmult			72			
Wexford	Duncannon	Fort	124	236			350
	Wexford		100				466
Westmeath	Mullingar		932	932	54	17	370
	Athlone	Artillery CAV&IN F	93 1,002	953	5 47	18 6-40	399 220-649
Wicklow	Arklow		72	100			440
		Castle	68	116	3	20-23	344-388
		Redoubt	68		4	14-20	459-503
	IRELAND TOTAL in 108 barrack locations		30,764	40,756			
			38.2%				

Summary of facilities

BARRACK SITES 122 ENGLAND (28 23%) + 14 CIS (7 50%) + 16 (5 31%)) SCOTLAND+ 99 IN IRELAND 40 (40%) WITH LESS THAN 100 SOLDIERS

GAS – 36 BARRACKS (24%) +3 (3%) IN IRELAND

MARRIED QUARTERS – 19 (12%) + 1 (1%) IN IRELAND

KITCHEN OVEN – 11 (7%) + 6 (6%) IN IRELAND

BREAD OVEN – 3 (2%) + 1 (1%) IN IRELAND

5'S COURTS – 47 (30%) + 44 (44%) IN IRELAND

GYMNASIUM – 1 (0.6%) NONE IN IRELAND

CRICKET GROUND – 11 (7%) + 9 IN IRELAND

LIBRARY / READING ROOMS – 88 (56%) + 31 (31%) IN IRELAND

AREA	No. of barracks	Barracks with 600ft³ / person		Barracks with < 66% recommend ed space / man	Barracks with some accomm. Below 66%	No with less than 100 men		No with more than 1000 men	
ENGLAND	110	2	6	31 (28.2%)	23 (54%)	21 (19.1%)	7 (6.4%)		
NORTH	19	1	1	4 (21.1%)	1 (26.3%)	1 5.3%	1 (5.3%)		
MIDLANDS	6	0	0	0 (0%)	0 (0%)	0 0%	0		
EAST ANGLIA	6	0	1	2 (33.3%)	1 (50%)	2 33%	0		
THAMES	7	0	0	3	4	1	2		
OUTER LONDON	8	0	0	1 (44.4%)	1 (63%)	2 29.6%	1 (11.1%)		
LONDON	12	0	0	8	0	5	0		
SOUTH	30	1	1	5 (16.6%)	13 (60%)	3 10%	2 (6.7%)		
SOUTH WEST	22	0	3	8 (36.4%)	3 (50%)	7 31.8%	1 (4.5%)		
WALES	3	0	0	1 (33.3%)	0 (33.3%)	0 0%	0 0%		
SCOTLAND	20	0	3	2 (10%)	7 (45%)	4 20%	1 (5%)		
IRELAND	108	0	7	54 (50%)	16 (64.9%)	41 38%	7 (6.5%)		
British Isles barracks totals	241	18		88	46	66	15		
	% of all barracks	7.5%		36.5%	55.6%	27.4%	6.2%		

Appendix Av)1867 – Militia Barracks – an important return listing the locations of all militia barracks, most of which do not appear in Land and Tenements Returns.

HOC 330 - Return of Number of Barrack-Masters and Clerks; Number of Barracks and Military Stations in Charge of each Barrack-Master 1867		
	Linked barracks	Linked militia barracks
Aldershot	3 cavalry 1 Artillery 3 Infantry Model barracks	Guildford
Northern Manchester	Hulme Salford Bury Ashton	Bury Salford Macclesfield Warrington
Sheffield	Sheffield C&I	Chesterfield Doncaster Derby
York	York C Leeds A&I Scarborough Cas Bradford Stallinborough Batt Paull Battery	York Knaresborough Pontefract Beverley Leeds Scarborough Halifax Richmond
Preston	Preston C&I Burnley C&I Fleetwood Euston Fleetwood Huts Carlisle Castle	Preston Lancaster Burnley Appleby Whitehaven Dumfries
	Chester Liverpool	
Newcastle	Newcastle C&I Tynemouth Sunderland	Alnwick
Birmingham	Birmingham C Coventry C	Lichfield Warwick Leamington Worcester Stafford Leicester Newcastle Oxford Newark

Isle of Man	Castleton	Grantham Lincoln Weedon Northampton
South-Eastern Shorncliffe	Shorncliffe lines + 3 towers Shorncliffe Battery Sandgate Castle + 4 towers Folkestone Battery + 2 towers Hythe Forts Sutherland, Twiss and Moncrieff Dymchurch Redoubt 27 Towers Dungeness 2 batteries.	
Dover	Western Heights Drop Redoubt Citadel Western Outworks South Front Arch Cliff Fort Dover Castle Castle Hill Fort Guildford Battery Walmer C&I Canterbury C,A &I North Gate Brighton C,A&I Shoreham Newhaven Blatchington Eastbourne Langley Fort 26 Martello towers	Canterbury Lewes
Walmer Canterbury Brighton		
Eastern Colchester	Colchester C&I Ipswich Norwich Lowestoft Gt Yarmouth	Colchester Ipswich Chelmsford Bury St Edmunds Norwich

	N&S Batteries Harwich Ladguard Fort and towers	Gt Yarmouth Ely Huntingdon
South-Western Portsmouth Isle of Wight Weymouth Winchester	8 barracks 1 Castle 12 Forts Chichester C&I Littlehampton 6 barracks 6 Batteries and Cliff End Redoubt Weymouth Portland temp. Dorchester Winchester Southampton Christchurch Marchwood Trowbridge Hurst Castle	Newport Winchester
Western Devonport Bristol	17 batteries, forts and redoubts Exeter C&A Pendennis Taunton Bristol C&I Glos'ter Hotel Newport C&I Cardiff BreconC&I Mumbles Pembroke Dock and Forts	Devonport Bodmin Exeter Bath Gloucester Cirencester Monmouth Hereford Swansea Presteign
Chatham Chatham	Chatham Chatham Upper Brompton Townsend Redoubt ST Mary's Casemates Spur Battery Huts Upnor	

<p>Gravesend</p> <p>Maidstone</p>	<p>Sheerness I Of Grain Battery</p> <p>Gravesend Milton New Tavern Fort Tilbury Fort Shorne Mead Coal House Cliffe Shoeburyness</p> <p>Maidstone</p>	<p>Maidstone</p>
<p>Woolwich Woolwich Purfleet</p>	<p>Woolwich A,RE + training Academy Warley</p> <p>Purfleet</p>	
<p>London London</p> <p>Jersey</p>	<p>12 barracks Kneller Hall Hounslow Hampton Court Windsor C&I</p> <p>7 barracks and 20 forts, towers and batteries</p>	<p>Finsbury Hackney Bethnal Green Hampstead Turnham Green High Wycombe Richmond Barnet Hounslow Kingston Uxbridge Hatfield Reading</p>
<p>Scotland Edinburgh</p> <p>Glasgow</p> <p>Aberdeen</p>	<p>Edinburgh Piershill Leith Fort Greenlaw Blackness Holy Island Glasgow Paisley Hamilton C&I Dumbarton Fort Matilda Ayr</p> <p>Aberdeen</p>	<p>Dalkeith Dunbar Berwick</p> <p>Paisley Lanark Hamilton</p>

	Tony battery Links battery Broughty Castle Dundee Perth X2		Aberdeen Perth Cupar
IRELAND			
Northern Dublin	Royal C&I Arbour Hill C&I Richmond Island Bridge Portebello A&C Beggars Bush Ship St. Linen Hall Pigeon House Fort Aldorough House Mountjoy Magazine Fort N&S Towers Arklow		Dublin Howth Arklow
Athlone	Athlone C,A &I Redoubts 1-6 Galway Castle Shambles Castlebar C&I Ballina		Loughrea Westport Ballina
Longford	Longford C&A Granard Roscommon Mullingar Boyle Sligo		Longford
Belfast	Belfast C&I Huts Belfast recruit Carrickfergus Newtownards huts Londonderry perm huts Lough Swilly Forts 6 Lough Foyle Forts 2 Rutland		Belfast Carrickfergus Newtownards Hillsborough Omagh Lifford Letter Henry
Dundalk	Dundalk C&I Dundalk huts		

Enniskillen	Newry Drogheda Armagh Armagh huts Enniskillen	Navan Charlemont
South Western Cork	Cork C&I Cork huts Elizabeth fort Cat Fort Cork Harbour 6 forts Ballincollig Kinsale Bandon Charles Fort Youghal Clanakilty Skibbereen Bantry	
Fermoy	Fermoy C old & new Buttevant Mithelstown Mallow Lismore Castle Mill Street Tralee	
Limerick	Limerick new C,A&I Castle Woodcock Hill Rathkeale Tarbert Tipperary Clare Castle Nenagh 7 forts on lower Shannon	
Templemore	Templemore Roscrea	
Clonmel	Clonmel A&I Fethard Cahir Carrick on Shannon C&I Clogheen Waterford C&I Dungarven Dungarven Forts & towers Kilkenny C&I	Cashel Wexford
South Eastern Curragh	Curragh Camp	Maryborough

<p style="text-align: center;">Newbridge</p> <p style="text-align: center;">Birr</p>	<p style="text-align: center;">Athy Carlow</p> <p style="text-align: center;">Newbridge Perm. Newbridge huts Naas</p> <p style="text-align: center;">Birr</p>	
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Appendix A vi) 1873 – Detailed examination of information on the Cardwell Reforms - The Cardwell Reforms provided a step change in the way the military at home was to be located with recruitment and local loyalty as key drivers. However, the distribution of Depots changed throughout the implementation phases. Returns, such as those below are essential in mapping the changing distribution of both barracks and introducing new training locations. The returns below track the changing plans and implementation from 1871 to 1876

PP, Return for Military Districts or Commands at Home and Abroad of Commands held by Officers of Royal Artillery, Royal Engineers, Guards, Cavalry and Line, 1850-72.

	<p>TNA, WO 33/22 - Statement of barrack accommodation required in each district or sub-district for: 1. Depots of battalions on foreign service, 2. Reception room for recruits of battalions at home, 3. Recruits of the militia 1871 pp.2-6.</p> <p>PP, HOC 415 - Return showing for each Military District or Command at Home and Abroad (<i>not included</i>), since the year 1850, the periods during which such Commands have been held by Officers of the Royal Artillery, Royal Engineers, Guards, Cavalry, and Line, respectively – Edward Cardwell.</p>	
<p>Planned Cardwell depots as on PP, HOC 93 - Maps of United Kingdom showing Depot Centres proposed in Report of Committee on Organization of Military Land Forces.</p>	<p>Amended 4th July 1872 Supplementary Report PP, HOC C.588 - Committee on Organization of Military Land Forces. Supplementary Report.</p>	<p>21st February 1873 - Amendments in the Final Report of the Committee on the Organisation of the various Military land Forces of the Country.</p> <p>PP, HOC C.712 - Committee on Organization of Military Land Forces Final Report.</p>
<p>Proposed DEPOTS in capitals - <u>Underlined</u> – <u>original new barracks proposed 1871</u></p>	<p>It is proposed, in compensation- for regular barracks to be taken for brigade depots, to create a large tactical station in the</p>	<p>Section on the redevelopment of the Militia</p>

	<p>north of England, where troops of all arms will be stationed; to enlarge the existing tactical stations at Colchester and Shorncliffe; and to enlarge the barrack at Chatham so as to accommodate a full brigade of Infantry. These, with Aldershot and the Curragh, will afford most valuable facilities for training the Militia battalions, of the neighbouring districts, by incorporating them in the different existing brigades.</p>	
Foot Guards		
Home District WARLEY CROYDON HIGH WYCOMBE/OXFORD READING RICHMOND HOUNSLOW HAMPSTEAD GREENWICH WOOLWICH	Reduce the 4 metropolis districts to 2	High Wycome not suitable and Oxford a preferred larger city to develop. Decided to develop Kingston instead of Richmond.
Aldershot <i>ALDERSHOT</i>		Important tactical station
Southern formerly SW District CHICHESTER GOSPORT PARKHURST/ WINCHESTER TROWBRIDGE		Develop Winchester instead of Gosport Decided not to develop Trowbridge – Winchester more suitable
Western BODMIN	Add new District in Dorchester	

TOPSHAM/EXETER TAUNTON BRISTOL CARDIFF <u>BRECON/DENBIGH</u>		Bodmin affirmed instead of Tregantle.
South Eastern CANTERBURY MAIDSTONE GUILDFORD Shorncliffe		Important tactical station to be enlarged
Chatham		Develop for a complete Brigade of Infantry to be trained in field works under RE Officers
Colchester		Important tactical station to be enlarged
Eastern YARMOUTH BURY ST EDMUNDS <u>BEDFORD</u> NORTHAMPTON		
Northern WARWICK LICHFIELD STAFFORD SHREWSBURY DERBY NOTTINGHAM/LEIC ESTER <u>LINCOLN</u> Catterick DONCASTER PONTEFRACT BRADFORD HALIFAX YORK BEVERLEY CHESTER WARRINGTON LIVERPOOL ASHTON BURY	Add new District in Worcester Add new District in North York	Develop Lichfield as a double not Stafford also Camp for Instruction and annual exercises at Lichfield Develop Leicester instead of Nottingham Double at Bradford and Doncaster as more economical Important tactical station to be identified and developed

BURNLEY FLEETWOOD LANCASTER CARLISLE <u>Denbigh</u>		Develop Warrington as a double and not include Liverpool Develop PRESTON instead of Fleetwood – keep the latter for training of Militia Develop Wrexham instead
North Eastern Included in Northern SUNDERLAND NEWCASTLE		
Midland Included in Northern		
Monmouth and South Wales Included in Western		
North Britain FORT GEORGE ABERDEEN DUNDEE PERTH STIRLING CASTLE GLENCORSE/GREE NLAW <u>HAMILTON</u> <u>LANARK</u> AYR	Reduce by one	Develop Hamilton as a double depot and Lanark as training for the militia and regulars Camp for Instruction and annual exercises at Lanark probably. Develop the barracks so that troops of the three arms may be quartered and exercised together
Jersey		
Guernsey		
IRELAND – interestingly structured as for the overseas / abroad commands. OMAGH MONAGHAN NEWRY		Develop Armagh instead of Monaghan

CASTLEBAR/ATHLONE NAAS BIRR / PARSONSTOWN CLONMEL TRALEE Curragh Belfast		Develop Downpatrick for Newry keep Newry for a line garrison. Develop Castlebar and Athlone as Line garrisons and develop Galway as Depot instead Important tactical station at Curragh Develop the barracks so that troops of the three arms may be quartered and exercised together

1875

War Office 25 June 1875	PP, HOC 283 - Return of Number of Depot Centres fully and not fully constituted.		
“RETURNS showing the Number of DEPOT CENTRES fully Constituted, and their respective Localities: ”	“The Number of DEPOT CENTRES not fully Constituted, where the Land has been Purchased and Paid for, and Contracts for Building have been entered into, stating the respective Localities: ”	“The Number of DEPOT CENTRES where the Land has been Purchased, but no Contracts for Building entered into, stating the respective Localities: ”	“And, the Number of DEPOT CENTRES where no Land has been Purchased, stating the respective Localities.”
35	15	14	6
<i>Existing barracks being adapted for Brigade Depot purposes</i>			
Carlisle	Bedford	Bury St Edmunds – land purchased	Preston – contract entered into for additions to barracks
Durham – Sunderland provisional ¹	Beverley	Chester	Taunton – negotiations for additional land
W Riding York – provisionally at Bradford ¹	Derby	Lancaster – land purchased and possession obtained	York – W Riding No 6 site under consideration

Burnley	Devizes	Leicester – agreement in place to purchase land	Greenlaw – Alterations and extension to existing barracks
Ashton	Guildford	Lichfield – agreement with Lord of Manor for purchase of rights to Whittington Heath and negotiations for commoners rights in place	Downpatrick – sites under consideration
Bury	Halifax	Lincoln – contracts about to be entered into	
Northampton	Kingston	Pontefract - contracts about to be entered into	
Yarmouth	Oxford	Shrewsbury – agreement entered into for purchase of land	
Warley	Reading	Newcastle – lease for additional land in course of preparation	
Cardiff - ² provisionally Ft Hubberstone	Richmond (Yorks)	Clonmel – land acquired	
Brecon	Warrington	Armagh	
Exeter	Warwick	Omagh	
Bodmin – ² provisionally Ft Tregantle	Worcester		
Bristol	Wrexham		
Dorchester – ³ provisionally Weymouth			
Winchester – provisionally at Ft Elson			
Chichester			
Canterbury			
Middx. – ⁵ provisionally shared at Warley			
Maidstone			
Inverness – ¹ provisionally at Ft George			
Aberdeen			
Perth			

Stirling			
Hamilton – provisionally at Paisley			
Ayr			
Naas			
Galway ⁴			
Tralee			
notes			
1 Durham / W Riding & Inverness sites not yet settled			
2 Cardiff & Bodmin new barracks being erected			
3 Dorchester proposed to accommodate Brigade Depot & Field Battery of RA.			
4 Galway barracks to be erected on WD land			
5 Hounslow – land acquired adjoining Cav. Barracks			

Appendix vii) 1900 – important documents to support the information in L&T report for 1900 - TNA – W033/175 Report of the Committee on Barrack Accommodation 1900

DISTRICTS	Cavalry	Artillery –batteries & depot BOLD – Royal Garrison Depots	Royal Engineers	Infantry
ALDERSHOT	Aldershot x3	Aldershot Woking	Aldershot balloon Depot	Aldershot(13) Woking
HOME	Hounslow London x2 Windsor	St John’s Wood		London (5) Windsor
WOOLWICH		Woolwich		Woolwich (2)
EASTERN	Colchester Norwich	Colchester Ipswich Weedon Great Yarmouth		Colchester(4) Warley
NORTH EASTERN	Leeds York	Leeds Newcastle Scarborough		York Sheffield
NORTH WESTERN	Seaforth	Seaforth Preston		Preston

				Lichfield
SALISBURY PLAIN	Salisbury Plain x3	Salisbury Plain Dorchester		Salisbury Plain (7)
SCOTTISH	Edinburgh Glasgow	Edinburgh		Edinburgh Glasgow
SOUTH EASTERN	Canterbury Shorncliffe	Shorncliffe Dover		Canterbury Shorncliffe (2) Dover (2)
THAMES			Chatham	Chatham
SOUTHERN		Christchurch Hilsea Gosport		Gosport Parkhurst Portland Portsmouth (2)
WESTERN		Bristol Exeter Newport Plymouth		Newport Plymouth + Devonport (3) Pembroke Dock
IRELAND BELFAST	Belfast Dundalk **			Belfast Newry Holywood Londonderry Enniskillen
CORK	Ballincollig	Cahir Clonmel Kilkenny Waterford		Kilkenny Waterford Buttevant Cork (2) Fermoy (2) Kinsale Cork Harbour Limerick Tipperary Curragh (3)
CURRAGH DUBLIN	Curragh x2 Newbridge Dublin	Curragh Newbridge		Dublin (6) Athlone Mullingar
GUERNSEY				Guernsey
JERSEY				Jersey

1900 All barracks – size and needs - REQUIREMENTS						
DEPOTS		Battalions		Accommodates		
EAST	NORTH	R	M	OFFICERS	MARRIED	SINGLE
Quadruple Depots						
CATERHAM		12	0	10	38	1,216
Triple Depots						
WINCHESTER		10	8	21	70	955
Double Depots						
Lichfield		4	4	20	80	751
Preston		4	3	17	70	693
Pontefract		4	2	14	50	615
Single Depots						
Mill Hill		4	4	18	77	745
Hounslow		4	3	15	60	687
Bury Warwick Worcester		4	2	14	50	615 Only 2 – moves from Warrington and Ashton.
Newcastle		4	1	10	30	471
Cardiff Carlisle Hamilton Kingston Lancaster Maidstone Norwich Richmond Taunton Warley Warrington York		2	2	9	40	479
Belfast Birr Naas Tralee		2	3	8	45	597
Armagh Bedford Clonmel Galway Omagh		2	3	7	40	545
Brecon Bristol Bury St Edmunds Chester Derby Exeter Lincoln Oxford Shrewsbury Stirling		2	2	7	36	473

Wrexham					
Durham					
Aberdeen	2	1	6	38	341
Ayr					
Beverley					
Bodmin					
Canterbury					
Chichester					
Devizes					
Dorchester					
Glencorse					
Guildford					
Halifax					
Inverness					
Leicester					
Northampton (61)					
Perth (62)					
Reading (63)					
Berwick (64)	2	1	7	32	471
Fort George (65)	2	1	7	27	335
SALISBURY					

TNA, WO 33/175:- Report of Committee on barrack accommodation – 1900.					
NORTH	ACCOMM available	ACCOM required	EAST	ACCOMM available	ACCOM required
Scarborough		325rga	Great Yarmouth		325rga
Seaforth		325rga 100cav	Harwich		100rga 100RE
York	581cav 532	100asc 100med 889cav 554	Shoeburyness		200rga
Preston	811	100asc 811	Colchester	690cav	100asc 100med 1276cav
Chester	319	100med 533	Not spec	554	200asc 554
Leeds		300cav	Norwich	514cav	504cav
Lichfield	892	892	Norwich	337	554
Pontefract	710	710	Warley	281	554
Bury	370	709	Bedford	270	613
Warwick	399	709	Bury St Edmunds	292	533
Worcester	295	709	Lincoln	298	533
Newcastle	515	528	Northampton	293	393
Carlisle	253	554			
Lancaster	352	554			
Warrington	525	554			6459
Derby	294	533			
Shrewsbury	302	533			
Wrexham	289	533			
Durham		533			
Beverley	328	393			
Halifax	281	393			
Leicester	391	393			
TBC		682 682			
		14831			

SOUTH	ACCOMM available	ACCOM required	HOME	ACCOMM available	ACCOM required
Dover		308 rga 100RE 100asc 100med	Royal Horse Artillery		281
Gosport / Portsmouth		218rga 300RE 200asc	Royal Field Artillery		327
lofW		200rga 100RE	Sheerness		400rga 100RE
Aldershot	324RE 2109cav	324RE 1200asc 2667cav	Chatham	1870RE	1870RE 200asc
Shornecliffe	 704cav	100RE 200asc 891cav	Gravesend		100RE
Not spec		200asc	London		200asc 800cav
Maidstone	393	554	Woolwich		800asc
Canterbury	253	393	Hounslow	590cav 789	889cav 789
Chichester	393	393	Caterham	1274	1274
Guildford	284	393	Mill Hill		870 ++
			Kingston	546	554
			Richmond	530	554
		8941			10008
IRELAND	ACCOMM available	ACCOM required	SOUTH WEST	ACCOMM available	ACCOM required
Cork / Berehaven		300rga 300RE 100asc	Plymouth / Devonport		315 rga 300RE 300asc
Lough Swilly		100rga	Falmouth		100rga
Curragh	1413cav	200RE 1778cav	Pembroke Dock		200rga 200RE
Dublin	674cav	600asc 100med 889cav	Portland		200rga
Belfast	147cav 343	342cav 673	Salisbury Plain		900RE 1000asc 174Ord 2677cav 139med
Dundalk	398cav	400cav	Winchester	1083	1083
Ballincollog	654cav	889cav	Cardiff	305	554
Birr	556	673	Taunton	296	554
Naas	280	673	Brecon	265	533
Tralee	362	673	Bristol	301	533

Armagh	259	613	Exeter	299	533
Clonmel	388	613	Oxford	411	533
Galway	250	613	Bodmin	286	393
Omagh	231	613	Devizes	288	393
			Dorchester	282	393
			Reading	280	393
		11142			12400
SCOTLAND	ACCOMM available	ACCOM required	CHANNEL IS.	ACCOMM available	ACCOM required
Leith		200rga	Gurnesy		100 rga
Edinburgh		100asc 862cav	Jersey		100rga
Glasgow		100cav			
Hamilton	533	554			
Stirling	330	533			
Aberdeen	391	393			
Ayr	269	393			
Glencorse		393			
Inverness	283	393			
Perth	291	393			
Berwick	279	529			
Fort George	371	373			
TBC	289	530			

Appendix A viii) Important documents to support the information in the Lucas Report for 1911

14th February 1908	Account prepared by the War Office under the provision of the various Military Works Acts showing expenditure and borrowing under the Acts to 31 st March 1907. PP, HOC 55:- Military Works Acts, 1897, 1899, 1901, and 1903. Account, 1906-1907. Account, prepared by the War Office, under the provisions of the Military Works Acts (60 Vict. c. 7. s. 2 (3), 62 & 63 Vict. c. 41. s. 1, 1 Edw. VII. c. 40., and 3 Edw. VII. c. 29.) showing the amount expended and borrowed.		
DISTRICT	BARRACKS	RANGES & TRAINING	MOBILIZATION & STORES
ALDERSHOT	Aldersot Blackdown Borden Ewshott Longmoor Woking	Ash Bagshot Heath Bisley Bardon Caesars Camp Pirbright Woolmer	Aldershot
SOUTHERN	Canterbury Dover Exeter Falmouth Gosport	Dover	Canterbury Dover Exeter Falmouth Gosport

	I of Wight Netley Pembroke Plymouth Portland Salisbury Plain Shorncliffe Winchester	I of Wight (X2) Salisbury Plain Shorncliffe Gloucester Hythe Lydd Penally Porthcawl Whitchurch Willsworthy Wool	I of Wight (X3) Pembroke Plymouth Portland Shorncliffe Winchester Bodmin Brecon Brighton Bristol Cardiff Chichester Christchurch Devizes Dorchester Portsmouth Southampton Taunton Trowbridge Weymouth
IRELAND	Armagh Athlone Ballincollig Belfast Berehaven Buncrana Buttevant Cahir Clonmel Curragh Dublin Dundalk Fermoy Holywood Kildare Kilkenny Limerick Londonderry Newbridge Tipperary	Athlone Curragh Ballykinler Birr Finner Kinnegar Kinsale Kilbride Magilligan Mullingar	Armagh Athlone Ballincollig Belfast Buttevant Cahir Clonmel Curragh Dublin Dundalk Fermoy Hollywood Kilkenney Limerick Londonderry Newbridge Tipperary Birr Kinsale Mullingar Carrickfergus Cork Galway Longford Naas Newry

		Oranmore Youghal	Omagh Templemore Tralee Waterford
EASTERN	Caterham Chatham Colchester Harwich / Landguard Hounslow London Mill Hill Norwich Weedon Windsor	Chatham Fingeringhoe and Middlewick Frant Gravesend Rainham Shoeburyness	Caterham Chatham Colchester Harwich Hounslow London Weedon / Northampton Windsor Gravesend Barnet Bedford Bury St Edmunds Chelsea Croydon Great Yarmouth Guildford Ipswich Kingston Maidstone Norwich Oxford Reading Sheerness Tilbury Woolwich
NORTH EAST & NORTH WEST	Burscough Bury Durham Lichfield Preston Warwick Worcester York	Lichfield Warwick York Fleetwood Strensall Trawsfynydd	Bury Lichfield Preston Warwick Worcester York Strensall Ashton Barnard Castle Beverley Birmingham Carlisle Chester

			Coventry Derby Halifax Lancaster Leeds Leicester Lincoln Liverpool Manchester Newcastle Pontefract Richmond Scarborough Sheffield Shrewsbury Warrington Wrexham
SCOTLAND	Edinburgh Leith Stobs	Stobs Fort George	Edinburgh Fort George Aberdeen Ayr Berwick Dumfries Glasgow Glencorse Hamilton Inverness Paisley Perth Stirling

Appendix A ix) – TNA notes on ministry of Defence predecessors and Land acquisition and management.

TNA, WO 32/18547, War Office and successors: Registered Files (General Series). Power of acquiring land compulsorily for military purposes and proposals to amend Military Manoeuvres Acts. Power of acquiring land compulsorily for military purposes and proposals to amend Military Manoeuvres Acts 1897 and 1911.

TNA, RECO 1/110, Ministry of Reconstruction: Records. Disposal of land and buildings acquired for military purposes after the war. Specimen forms for...,"Disposal of land and buildings acquired for military purposes after the war. Specimen forms for information on land held by the military. 01/01/1917","19170101","31/12/1917","19171231","1917. The National Archives, Kew","6","Former Reference Dep: 865.

TNA, DEFE 51, Ministry of Defence and predecessors: Defence Lands Service and predecessors: Registered Files (CLAV Series). Ministry of Defence

and predecessors: Defence Lands Service and predecessors: Registered Files (CLAV Series). For the most part these are files inherited by the Defence Lands Service on its creation as part of the unified Ministry of Defence in 1964. The records relate mainly to plans for purchase of war-time military etc. sites for continuing defence purposes and/or their subsequent disposal, including transfer to - or between - other ministries or arms of service; compensation claims; care and maintenance and rehabilitation of surrounding areas.

Administrative history: The state has always needed land for fortifications and works connected with the defence of the realm and it has been within the royal prerogative - subsequently reinforced by statute - to acquire land for these purposes.

A series of acts of parliament from the **early 18th century** vested this responsibility in the Board of Ordnance. The Board dealt with military lands matters **until** its abolition in **1855**, when such matters came under the War Office within the purview of the Inspector-General of Fortifications (later Works and finally Fortifications and Works [DFW]) responsible to the Master General of the Ordnance [MGO].

In **1908** responsibility passed to a new Lands Branch, which was part of the department of the parliamentary under-secretary - or Civil Member of the Army Council - and headed by the Comptroller of Lands and his Deputy the Land Valuer [LV] **until 1945** when it moved to the department of the Permanent Under-Secretary [PUS]. The branch was responsible for administration of lands either owned by or on the charge of the war department. This included inspection, technical advice and valuations; aspects of leasing, purchasing and selling; rates, taxes and tithes; preparation of bye-laws for artillery and rifle ranges and military camps; claims in respect of roads, bridges and adjoining property, and custody of relevant statements and records.

The enlarged organization, headed **during the First World War** by a Director-General (the Comptroller became his deputy, and the Land Valuer became Chief Valuer and Compensation Agent) acted for the Ministry of Munitions between **1917-1920**, and for the Air Ministry from **1918 until 1930**. The DG Lands appointment was abolished in 1923 - following the abolition of the Ministry of Munitions - and the lands organization of the War office once more came under the control of the Comptroller of Lands and his deputy, the latter being renamed - yet again - as Chief Land Agent and Valuer [CLAV]. At this time the directorate shed responsibility for Air Ministry/RAF matters, and these duties passed to the Air Ministry's own specialist lands branch S. 13, under the department of the Permanent Under-Secretary for Air.

In **1933** the Lands Directorate was renamed Lands Branch.

During the period **1940-1949** the Claims Commission dealt with claims against the department in respect of personal injury or damage to property arising from the acts of military or civilian personnel for whom the War Office had responsibility. The first president of the Claims Commission - Major-General EH Cole - had been CLAV from 1908 to 1939, and then became Comptroller of Lands until October 1940. In 1948 the lands branch was amalgamated with the Claims Commission under a Comptroller of Lands and Claims, although each section continued to carry out separately their pre-amalgamation duties.

Between **1958 and 1960**, this branch gained from the Quarter-Master-General's [QMG] department additional functions relating to acquisition and

alienation of land. After the amalgamation of the service ministries in **1964** into the unified Ministry of Defence [MoD] the Comptroller became known as the Comptroller of Army Lands and Claims [CALAC] and - similarly - CLAV became CALAV. Subsequently, a tri-service defence lands organization - Defence Lands Service [DLS] - was set up, handling thereafter all MoD lands matters.

WORK 91, Office of Works and successors: Deeds, Series V. Office of Works and successors: Deeds, Series V. This is the fifth series of title deeds relating to properties owned, leased or requisitioned by the Commissioners of Works and successors. The records in this series relate to various public buildings (including some overseas), royal palaces, the Duke of York's School, Dover, Richmond, Kew, HM Customs buildings, research buildings, airfields, and underground tunnels. There are also agreements relating to museums and libraries, agreements with railway companies and with architects.

Administrative history: **The Office of Works**, as it was known by the early seventeenth century, had overseen the building of castles and royal residences (the Kings' Works) from its establishment in **1378**.

By 1832 a series of reforms had placed it under Treasury control and extended its responsibilities to include public buildings maintained by parliamentary funds, and works for ceremonial occasions. From 1832 it functioned as the Works Department within the Office of Woods, Forests, Land Revenues, Works and Buildings.

In **1851** became a department of central government (known simply as the Office of Works), under parliamentary scrutiny and building for every branch of the state except the armed forces. The First Commissioner of Works, appointed by Royal Warrant in 1851, took over some of the functions of the First Commissioner of Woods and Forests. The Commissioners of Works Act, 1852 granted powers to the Commissioners of the Office of Works to buy, take or accept any hereditament necessary for the public service and to sell or lease any so taken.

By 1880 all new civil estate buildings, all existing government buildings, royal palaces and parks, post offices and overseas consular and diplomatic premises were included in the Office of Works responsibilities. **However, property in lands and buildings for military purposes was vested in the Secretary of State for War.**

However, these powers were subject to Treasury control. Under the provisions of the Commissioners of Works Act, **1894** it was no longer necessary for a vendor, purchaser, lessor or lessee to ascertain whether the consent of the Treasury had been given.

Before and during the First World War the Office of Works carried out work for other government departments, involving land acquisition and the erection and conversion of buildings for wartime purposes - including emergency hospitals, ordnance factories and air raid shelters.

Post-war needs involved the provision of housing estates and training establishments. **By the beginning of the Second World War the Office of Works** portfolio had expanded to include county courts, arts and science buildings, telephone exchanges, coastguard stations and some responsibility for defence buildings.

The **Second World War led to** the transformation of the Office of Works, from what had become a central agency service, into a full-scale Ministry of Works and Buildings responsible for an area of government policy. The new Ministry was responsible for all new civil works and buildings, the provision of additional and emergency accommodation, and the maintenance of a central register of accommodation. An Order in Council, made under the Minister of Works Act 1942, transferred to the Minister of Works the powers, duties, properties, rights and liabilities of the Commissioners of the Office of Works, and any statutory functions exercisable by them. As a result, all leases, and contracts entered into, conveyances taken and other actions previously carried out in the name of the Commissioners were **from 15 August 1945** carried on in the name of the Minister of Works. The style and title of the Minister of Works was changed to 'Minister of Public Buildings and Works' by Statutory Instrument No 1549 made and enforced in 1962 under section 2 of the Ministers of the Crown (Transfer of Functions) Act, 1946.

This Ministry remained **in place until 1970** when, following the publication of a white paper Reorganisation of Central Government (Cmnd 4506), the Department of the Environment was formed by merger of the Ministries of Public Buildings and Works, Housing and Local Government and Transport.

[From the early eighteenth century the Office of Woods and its successors had compiled registers which formed an index of land and property owned or held on behalf of other government departments. Each entry consisted of a description, with a map and a listing of existing deeds relating to it. From 1938, in anticipation of the coming hostilities, the Directorate of Lands and Accommodation, within the Office of Works, began compiling a central register to record the acquisition and requisition of lands and buildings. The Second World War saw the enactment of a number of statutes granting emergency powers to acquire land for government use to support the war effort. Subsequent registers recorded compensation, and settlement relating to

APPENDIX B

The information about rifle ranges is complicated by the role played by Volunteer Ranges, in the main not included in L&T Returns. In particular the changes caused by the introduction of the Lee-Metford Rifle was important in terms of range closure and range expansion. The following returns are essential sources in mapping these changes.

Appendix B i) – Returns on rifle ranges.

PP, HOC 251 - RETURN of the Rifle Ranges which, have been Closed to the Firing of Full-Charge Ammunition since the Issue of the Lee-Metford Rifle, and of New Ranges approved during the same period. Beginning in 1890 until February 1900. - dated 19 June 1899.

District	Ranges closed for Regular / militia		Ranges closed for Yeomanry and volunteers		New ranges from the WAR DEPARTMENT		New ranges for Yeomanry & volunteers constructed and approved
	Closed as Unsafe	Other closed	Closed as Unsafe	Other closed	Already constructed	Being constructed / planned	
EAST & THAMES	3	0	23	14	0	1	9
NORTH EAST & WEST	6	3	89	95	9	1	55
IRELAND	11	7	-	-	9	1	-
TOTAL FOR GT. BRITAIN	32	4	323	176	13	6	167

PP, HOC 59 - Return of Rifle-ranges closed in Eastern District since Gradual Issue of Lee-Metford Rifle.

Regular / militia	Yeomanry and volunteers	
Closed as Unsafe - Distance in miles	Closed as Unsafe - Distance in miles	Other closed - Distance in miles
Middlewick, 1.5 from Colchester. – shortly to be reopened. Childerditch, 1.25 from Warley	Bungay 0.25 from Hingham 2.5 to Kimberley West Lynn 0.5 from Sparham 1.75 to Whitwell	Horton Lowestoft 1.5 from Weybread 2.75 to Harleston Lower Sheringham Hurts Hall Park 1 to

	Downham 0.25 from	Saxmundham
	Felmingham 0.75 from	Whittlesea 1 from
	Halesworth 1.0 from	Bishop's Stortford 1.5 from
	Honey Lane 3.5 to Loughton	Tring 0.25 from
	Beach Bottom 1.5 to St Albans	Witham 1 from
	Bocking 3 to Braintree	Woodford Bridge
	Althorpe Park 1.5 from	Reservoir 1.5 to Daventry
	Thorpe Meadows 1 to Peterborough	Broughton 2.5 to Kettering
	Lowestoft	North Denes 0.5 to Gt. Yarmouth
	Brightlingsea 1.5 from	Aldeburgh
	Holt 1 from	

PP, HOC 42 - A Bill to - Promote the Acquisition of Rifle Ranges 1901, to be called for short The Rifle Ranges Act, 1901. [1 EDW. 7.]

The council of any county or borough having power **Hiring of** to purchase land for military purposes under the Military Lands Acts may hire land for these purposes, and the expense of so purposes, hiring may be defrayed in the same manner as the expenses of purchase.

Name of Range	tenure	Length	If 100 yards across then acreage required - estimate	67 at 25 acres = 1,675 / 8 at 400 acres = 3,2004,875 – 5,000 acres
BELFAST				
Athlone	WD	1000	20.6	
Ballykinler	WD	900	18.6	
Belfast Lough	Hired yearly	300	6.2	
Eglinton	Hired yearly	900	18.6	
Finner	WD	1000	20.6	

Kinnegar	WD	800	16.5	
Lisheen Bog	Lease to 1917	1000	20.6	
Magilligan	Hired yearly	1100	22.7	
Marlingstown Bog	Leased 21 years	900	18.6	
Maryborough	Hired as req.	500	10.3	
Mosney	Lease to 1903	500	10.3	
Redbarns	Leased to 1901 or 1915	1000	20.6	
CORK				
Balydaniel	Hired as req.	500	10.3	
Ballydunlea	Lease to 1910	800	16.5	
Ballyglass	Leased to 1909	800	16.5	
Duncannon	Leased to 1906	600 & 800	16.5	
Kilboy	Hired as req.	500	10.3	
Kilworth	WD	80 & 600 & 1,200	24.8	323
Preghane	Leased to 1923	800	16.5	
Scartnaglorane	Hired yearly	600 & 800	16.5	
Spike Island	WD	200	4.1	
Youghal	Leased to 1906	800	16.5	
DUBLIN				
Carlow	Hired as req.	400	8.25	
Castlebar	Leased to 1905	800	16.5	
Curragh	WD	250 & 600 & 1,100 & 800	40.0	
Garrow	Lease to 1908			
Kilbride	WD	600 & 800 & 800 & 1,000	40.0	1,567
Kilmurry	Hired to 1902	1,760	36.4	
Oranmore	Leased to 1905	500 & 800	16.5	
EASTERN				

Great Yarmouth	Hired yearly	1,000	20.6	
Landguard	WD	800 & 1,000	20.6	
Middlewick	WD	1,000	20.6	167 to 834
Millbrook Bedford	Hired yearly	800	16.5	
North Weald	Could be hired	800	16.5	
Royston	Hired when req.	800	16.5	
South Bank	Could be hired	1,000	20.6	
Milton Thames	WD	600 & 700 & 800	16.5	
Shoeburyness	WD	800	16.5	
NORTHERN NE				
Aislebeck Richmond	Hired yearly	500	10.3	
Berwick	Hired as req.	800	16.5	
Deepdale	Hire yearly	600	12.4	
Derby	Hired as req.	800	16.5	
Doncaster	Hired as req.	1,000	20.6	
Edale	Hired for 1903	600	12.4	
Grantham	Hired as req.	600	12.4	
Harton Moor Sunderland	Hired as req.	200 & 500 & 600	12.4	
Moor Laws	Hired as req.	800	16.5	
Port Clarence	Hired as req.	500	10.3	
Redcar	Hire yearly	500	10.3	
Scalby Beck Scarborough	WD	800	16.5	25
Strensall	WD	600 & 800 & 900 & 1,300	40.0	
Trent	Hired as req.		16.5	
Whitley	Hired yearly	800	16.5	
NORTHERN				

NW				
Altcar	Leased to 1907	300 & 600 & 700 & 1,000	40.0	
Bournbrook	Hired as req.	800	16.5	
Bulk	Hired as req.	600	12.4	
Chipping	Leased to 1994	1,000	20.6	
Cummersdale	Hired as req.	200 & 400 & 800	16.5	
Dolgelly	Hired as req.	1,000	20.6	
Erdi Wrexham	Hired as req.	600	12.4	
Fleetwood	WD and lease to 1958	800	16.5	
Hilton	Leased to 1918	900	18.6	
Leominster	Hired as req.	600	12.4	
Lichfield	freehold	Being constructed	40.0	
Llanberis	Hired as req.	600	12.4	
langollen	Hired as req.	600	12.4	
Parc Pentir	Leased to 1908	500	10.3	
Ross	Hired as req.	800	16.5	
Stalybridge	Hired as req.	200 & 500 & 600 & 800	16.5	
Tiddesley Wood	Hired as req.	1,000	20.6	
Voryd	Hired as req.	800	16.5	
Wedgnock Park	Leased to 1921	1,000	20.6	
Birmingham	Leased to 1912	Safety range		

PP, HOC Cd. 1777 - "RETURN of the number of Rifle Ranges in the United Kingdom, giving the situation, range, and number of targets available on each Range ; the number of Government Ranges that have been closed during the last year and the number that have been opened; and the number and description of Ranges being constructed." 16 July 1903.

DISTRICT	New ranges opened	Ranges closed	Under construction	Ranges available
East	-	2	-	7
Thames	-	-	-	4
<i>Eastern Command Home (15 available) not included in study</i>				
NE	1	-	-	15
NW	-	-	1	18
<i>Northern Command</i>				
Belfast	3	-	-	12
Cork	1	-	-	10
Dublin	-	-	-	10
<i>Irish Command</i>				
GB Total	7	8	7	151

Appendix B ii) Exploring the land required for field manoeuvres – author’s calculations based on the 1870 Field Exercises.

Field Manoeuvres

The detailed general Order issued on the 1st September 1870 made clear that the revised version of the ‘Field Exercises and Evolutions’ were to be obeyed without deviation by all ‘Officers of the Army’.⁴ These orders set out in detail the expectations for virtually every move a recruit or squad could make. It also set out the company drill, battalion formations and evolutions and finally the formations and movements of Brigades. What is evident from this command is the detailed, very strictly controlled drill for every part of the Army. While the individual and Company drills could be practiced on drill grounds and some of the exercise grounds attached to newer and adapted barracks (e.g. at Preston, Warley, Limerick, Athlone, York, Lincoln and Bedford), the opportunities for battalion and certainly Brigade practice was very limited at Home. The issue is

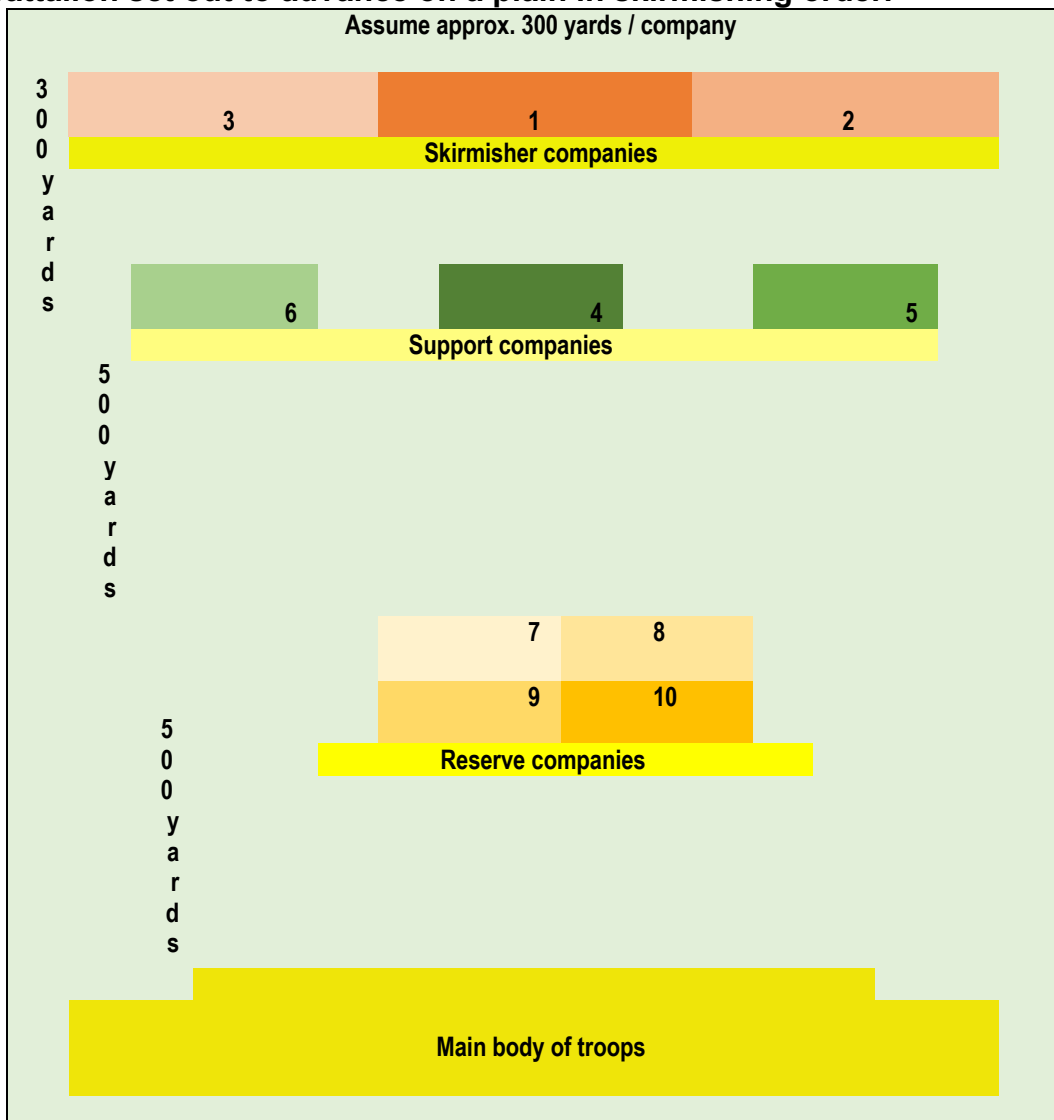
⁴ *Field Exercises and Evolutions of Infantry* – As revised by Her Majesty’s Command, (London, 1870).

clear to see on a detailed analysis of the requirements for a battalion when skirmishing.

The Command sets out ten general rules for skirmishing and in diagrams it shows a battalion in Skirmishing order carrying out several evolutions. It identifies the three key groupings of a battalion when skirmishing in attack with; skirmishers, supports, and reserve. It states that the relative strength of skirmishers, supports and reserves where supports should be equal in strength to the skirmishers. It then indicates the extent to which the groupings should seek to be separated.

‘The distance of support from the skirmishers, and of reserves from supports, must depend on circumstances and the nature of the ground. The supports should always be in the most convenient position to assist the skirmishers without being unnecessarily exposed to fire. For instance, when skirmishers have ascended a bank or hill and are halted on the summit, it is evident that the supports may approach close to them without being exposed to fire, but, on a plane, they must necessarily be kept at a greater distance; the same remark applies to the reserve’.

A battalion set out to advance on a plain in skirmishing order.



So, for example, a Battalion of ten companies would require approximately 100 acres to deploy before it even started an evolution. Assuming a battle practice across a mile of land, even in a straight line, would require approximately 210 acres of land to accommodate one battalion in straight line advance skirmishing. It is easy to see from this that if there were to be manoeuvres for a Brigade of about 3,500 men then the minimum training space required would be about 800 acres just to practice one simple advance. With the complexities of field manoeuvres the land requirements soon mount up to very large tracts of land. The theoretical setting for a battalion (taken as a theoretical ten company battalion) is set out in figure 3 (iii) below.

The rest of the Command covers; the time of movements and use of cover and interestingly it sets out the requirement for officers to explain the principles of movements in the light of their analysis of the ground to be covered. Details are also provided for directions; how arms are to be carried; the positioning of officers and even the words of command and bugle sounds.⁵

The instructions set out for officers relating to the manoeuvres of troops in the field provide a fascinating insight into the way the rigidity of drill and the flexibility of the field need to support each other and be practiced. It calls for the need for regular field training as well as making sure that the soldier is well drilled in those matters that enable them to follow orders under challenging environments. *'Officers commanding brigades, or larger bodies, should make a marked difference between parades with drill and those for field manoeuvres.'* In drill, great accuracy should be insisted on but in manoeuvres the *'fatigue to the men, caused by minutely dressing lines and correcting intervals, should be avoided,'* and *'accuracy of alignment should unhesitatingly be sacrificed where configuration of ground can advantageously be followed in the disposition of troops.'*⁶ An Army brought up on rigorous repeated drill must have found these tactics difficult to welcome and difficult to put into practice without the opportunity to practice. At least the developments at Aldershot, and later, Colchester, Strensall, Salisbury Plain and The Curragh enabled some practice in these terms.

⁵ Her Majesty's Command, *'Field Exercise and Evolutions of Infantry,'* (Horse Guards, London, September 1870), p205 – 231.

⁶ *Ibid.*, p. 279.

Appendix B iii) – An analysis of the District geography of the British Army - exploring why the Case Study geographies were used.

Changing structure of Home Army Districts

This diagram illustrates the changes in the district structures of the Army at Home as used in reports and returns in 1810, 1867, 1873 and 1900. It was this lack of continuity in structures that led to the decision to use geographic regions as the basis of comparative work in this thesis.

Region of the British Isles	Army Districts in 1810	Army Districts in 1867	Army Districts in 1873	Army Districts in 1900
IRELAND	Ireland	Ireland North Ireland South East Ireland South West	Ireland	Belfast Curragh Dublin Cork
SCOTLAND	Scotland	Scotland	North Britain	Scottish
NORTHERN ENGLAND	Northern North West York	Northern	Northern North Eastern	North Western North Eastern
THE MIDLANDS	Inland Severn		Midland	
EASTERN ENGLAND	Eastern	Eastern	Eastern Colchester	Eastern
LONDON AREA	Home	London Woolwich Chatham	Foot Guards Home Woolwich Chatham	Home Woolwich Thames
SOUTH EAST ENGLAND	Kent Sussex	South Eastern	South Eastern	South Eastern
SOUTHERN ENGLAND	Portsmouth Isle of Wight	Aldershot	Aldershot Southern	Aldershot Southern
WEST, SOUTH WEST AND SOUTH WALES	Western South Western	Western South West	Western Monmouth and South Wales	Salisbury Plain Western
CHANNEL ISLANDS	Jersey Guernsey	Jersey Guernsey	Jersey Guernsey	

Army District structure drawn from the following **Parliamentary Papers**
 C.70 Return of Number of officers employed on Military Staff in Districts of Great Britain 1810
 C.188 Return of Number of Officers, Men and Horses at each Barrack in Great Britain, 1821
 C. 386 - Return of Barrack Office Establishment in Great Britain, 1820
 C. 330 - Return of Number of Barrack-Masters and Clerks; Number of Barracks and Military Stations in Charge of each Barrack-Master 1867
 C. 415 - Return showing for each Military District or Command at Home and Abroad (*not included*), since the year 1850, the periods during which such Commands have been held by Officers of the Royal Artillery, Royal Engineers, Guards, Cavalry, and Line, respectively.
 WO 33/22 Return for Military Districts or Commands at Home and Abroad of Commands held by Officers of Royal Artillery, Royal Engineers, Guards, Cavalry and Line, 1850-72
 WO 33/175 – Report of the Committee on barrack accommodation – 1900
 C.55 Military Works Acts, 1897, 1899, 1901, and 1903. Account, 1906-1907.

Appendix B 3 iv) Military Sites in Britain and Ireland from 1821 to 1900 based on the following sources:

PP, HOC 507 - Return of Barrack Office Establishment in Ireland, 1821

A return of the names of places where Barracks and Barrack establishments are kept for the army in Ireland distinguishing whether for cavalry or infantry, stating the number of officers, men and horses, each Barrack is calculated to contain, and the greatest number quartered at any time in each of them, in the year ending 5th January 1822;

EXTENT OF LAND HOLDING BY WD IN 1862 - from the return of all military stations in the United Kingdom, and all lands, tenements, etc, held by the military or ordnance departments

PP, HOC 305 - (HOC038358) - Return of Names of Military Stations in United Kingdom and Lands, Tenements and Appurtenances held by Military or Ordnance Depts 1862 plus;

PP, HOC 369 - Return of Names of Military Stations in Ireland, and Lands held by Military or Ordnance Depts. 1860

EXTENT OF LAND IN WD HOLDING IN 1878 – from the return of lands and tens 1878

PP, rented in the United Kingdom and Channel Islands by the War Department up to 30th June 1878.1/0/28

EXTENT OF LAND HOLDING BY WD IN 1900 – from the return of War Department Lands at home stations on 31st March 1900.

NAM.2011-11-24 – 9 - Return of War Department Lands at home stations on 31st March 1900.

District & military site	1821	1862	1878	1900
ALDERSHOT				
Aldershot parish				
Farnborough parish				
Yateley parish				
Crondall parish				
Farnham parish				
Ash & Normandy parish				
Worplesdon parish				
Woolmer parish				
Chobham parish				
Pirbright parish				
Sandhurst				
Bisley Parish				
Woking parish				
Frimley parish				
		7	11	14
SALISBURY PLAIN			1872 purchase	
Brigmerston				
Bulford				

Charlton				
Chirton				
Durrington				
Easterton				
Enford				
Figheldean				
Fittleton				
Ludgershall				
Marden				
Market Levington				
Milston				
Netheravon				
Orcheston St Mary & St George				
Rushall Enford and Shrewton				
Tidworth				
Upavon				
Urchfont				
Wilsford				
				20

HOME DISTRICT				
Barnet / Mill Hill				
Chelsea				
Dalston / Bethnal Green				
Hampton Court				
Hounslow				
Hyde Park				
Kensington				
Millbank				
Regent's Park				
St Johns Wood				
Tower				
Twickenham / Kneller Hall				
Vauxhall bridge				
Wapping, Notting Hill				
Westminster				
Wormwood scrubs				
Ascot				
Caterham / Carshalton				
Croydon				
Guildford				
High Wycombe				
Kingston				
Oxford				
Reading				
Reigate / Dorking Surrey				

Uxbridge				
Westerham Kent				
Windsor				
Woldingham				
WOOLWICH / Arsenal				
Charlton				
Eltham				
Kidbrook / Erith				
Plumstead				
	12	18	19	31

DOVER				
Aylesford				
Broadstairs				
Canterbury				
Castle				
Chalk				
Chatham / Gillingham				
Cliffe				
Darnet Fort				
Deal				
Dymchurch				
East Cliff				
Fort Clarence				
Fort Pitt				
Folkestone				
Frindsbury				
Gravesend				
Hoo Fort				
Hougham				
Hythe				
Isle of Grain				
Lydd Dungeness				
Maidstone				
Military Canal				
Milton				
Minster				
Oare				
Pegwell Bay				
Queenborough				
Ramsgate				
Rye - Fairlight				
Sandown				
Sheerness				
Shorncliffe				
Shornemead				
Slough and All Hallows				
St Margaret's Rochester				
Upchurch				

Upnor				
Walmer				
Western Heights				
Wouldham				
	8	20	25	41

SOUTHERN				
Arundel				
Blatchington				
Brighton				
Chichester				
Eastbourne				
Hastings to Bexhill				
Hilsea				
Hove to Eastbourne				
Lewes				
Littlehampton				
Little Horsea				
Portchester				
Newhaven				
Portsdown Hill				
Portsea				
Portsmouth				
Ringmer				
Seaford				
Shoreham				
Southsea				
Tipner				
GOSPORT				
Christchurch				
Marchwood				
Southampton				
Winchester				
IS OF WIGHT				
Albany				
Calshot				
Devizes				
Dorchester				
Hurst				
Portland				
Trowbridge				
Weymouth				
Wool/Bovington				
	17	26	21	32

SOUTH WALES				
Aberystwith				
Brecon				
Cardiff				
Carmarthen				
Glamorgan				
Newport				

Hubberston				
Llanstadwell				
Montgomery / Presteign				
Monmouth				
Pembroke				
Swansea				
WESTERN REGION				
Antony				
Breakwater Fort				
Bristol				
Brixham				
Bull Point				
Cirencester				
Devonport				
Devon Topsham				
Exeter				
Exmouth				
Gloucester				
Looe coast				
Maker				
Modbury				
N Cornish Coast				
NE defences				
Pendennis				
Plymouth				
Plymstock				
Rame				
Scilly				
Sheviock				
Somerset				
Staddon				
St Andrew				
Stoke Damerel				
Stonehouse				
Taunton				
Totnes				
Truro				
Whitesand				
	12	24	16	29

EASTERN REGION				
Aldburch				
Bedford				
Bury St Edmunds				
Chelmsford				
Coal House				
Colchester				
Ely				

Enfield / Waltham Abbey				
Essex Coast Towers				
Grantham				
Great Yarmouth				
Harwich				
Hertford				
Huntingdon				
Ipswich				
Landguard				
Lincoln				
Lowestoft				
Northampton				
North Weald				
Norwich				
Purfleet				
Romford				
Shoeburyness				
Shotley				
Suffolk Coast Towers				
Tilbury				
Warley				
Weedon				
	15	20	22	10/23 16/23

NORTHERN REGION				
Altcar				
Ashton				
Barnard Castle				
Beverley				
Berwick & coast				
Birmingham				
Blackburn				
Bolton				
Bradford				
Burnley				
Bury				
Caernarvon				
Carlisle				
Chester				
Chesterfield				
Chipping				
Coventry				
Derby				
Fleetwood				
Halifax				
Handsworth				
Hull / Paull				
Is of Man				
Lancaster				

Leeds				
Leicester				
Lichfield				
Liverpool				
Manchester				
Macclesfield				
Middlesborough				
Mold Flintshire				
Newark				
Newcastle				
Newcastle under Lyme				
Nottingham				
Pontefract				
Preston				
Richmond				
Scarborough				
Selby				
Sheffield				
Shrewsbury				
South Shields / Hartlepool				
Stafford				
Strensall				
Stockport				
Sunderland				
Tynemouth and coast				
York				
Wallasey				
Warrington				
Warwick				
Whitehaven				
Worcester				
Wrexham				
	16	43	51	33/46 14/46

Channel Islands				
Guernsey				
Alderney Longy				
Jersey				
	3	3	3	3/3 3/3
SCOTLAND / NORTH BRITAIN				
Aberdeen				
Ayr				
Ballater				
Blackness				
Cambeltown				
Cromarty				
Dalkeith				
Dumbarton Castle				
Dumfermline				

Dumfries				
Dunbar				
Dundee				
Edinburgh				
Edin. Queensbury				
Fort Charlotte				
Fort Augustus				
Fort George				
Fort William				
Glasgow				
Glasgow				
Greenlaw Prison				
Greenock				
Hamilton				
Inchkeith				
Inverness				
Kelso				
Lanark				
Montrose				
Oban				
Orkneys				
Paisley				
Perth				
Perth prison & guard				
Piershill Edinburgh				
Port Patrick				
Stirling Castle				
Shetland				
	22	28	30	23/29 14/29

IRELAND				
Arklow				
Armagh				
Athlone				
Athy				
Aughavanagh				
Aughanish				
Bailieboro				
Ballaghad[j]reen				
Ballinamult				
Ballycastle				
Ballymoney				
Ballyshannon				
Bagenbon				
Ballincollig				
Ballinrobe				
Ballymoe				
Ballyshannon				
Baltinglass				
Bandon				
Bantry				

Belfast				
Belleck/Ballina				
Belturbet				
Bere Island				
Blackrock				
Bonifoble				
Boyle				
Bruff				
Buncane				
Buttevant				
Cahir				
Camden Fort				
Cappoquin				
Callan				
Cameron Fort				
Carlisle Fort				
Carlow				
Carrickfergus				
Carrick on Shannon				
Carrick on Suir				
Carndonagh				
Cashel				
Castlebar				
Castlecomer				
Castledawson				
	40	26	26	26/26 21/26

Castlerea				
Castleton				
Carrick Is.				
Cat Fort				
Cavan				
Charlemont				
Charles Fort				
Charleville				
Clare Castle				
Clarmorris				
Clogheen				
Clonakilty				
Clonmellan				
Craige				
Culduff				

Clonmel				
Clonony				
Coleraine				
Cookstown				
Cushendell				
Cork				
Cork Harbour				
Costello Bay				

Cromwell's Castle				
Croom				
Curragh				
Dergbridge				
Donegal				
Doonane				
Downpatrick				
Drogheda				
Dublin	X6	X9	X9	X9
Dublin Bay N				
Dublin Bay S				
Dunaba				
Duncannon				
Dundalk				
Dungarvan				
Dungannon M				
Dunmore				
Dunshaughlin				
Drumquin				
	42	24	28	24/28 21/28

Ennis				
Enniskillen				
Ennistymon				
Fannisker Castle				
Fermoy				
Fethard				
Finnevaara				
Fort Eliza				
Foxford				
Galway				
Galway Bay				
Glentiles				
Glenmalur				
Gort				
Gortin				
Granard				
Is. of Inch				
Jonesboro'				
Keelogue				
Kilkeel				
Kilkenny				
Killbegs				

Kilerdane				
Kilbride				
Kilkerrin				
Killaloe				
Kilworth				
Kinsale				

Knockalla Fort				
Letter Kenny				
Lifford				
Littleton				
Limerick				
(London)Derry				
Longford				
Lough Foyle				
Loughrea				
Lough Swilly				
Macanish				
Maghera				
Magilligan				
Malin				
Mallow				
Maryborough				
Meelick				
Mill-Street				
	39	23	22	23/ 24 17/24

Michelstown				
Mobil				
Monaghan				
Mullingar				
Naas				
Navan				
Ned's Point				
Nenagh				
Newbridge				
Newcastle				
New Inn				
Newport				
New Ross				
Newry				
Newtownards				
Newtownbarray				
Newtownlimivady				
O'Brien's Bridge				
Omagh				
Oughterarde				

Parsonstown				
Philipstown				
Portumna				
Radcliffe				
Ramelton				
Raphoe				
Rathmullen				
Renmore				
Roscommon				
Roscrea				

Rostrevor				
Rutland				
Scattery Island				
Shannonbridge				
Shannon Lower				
Shannon Upper				
Skibbereen				
Sligo				
Spike Island				
Strabane				
Stranorlar				
	36	20	24	20/24 20/24

Tallagh				
Tarbert Is.				
Templemore				
Tipperary				
Tomgrany				
Troom Bridge				
Tralee				
Trim				
Tuam				
Tubercorry				
Tullamore				
Villierstown				
Virginia				
Waterford				
Westport				
Wexford				
Whiddy Island				
Wicklow				
Youghal				
	16	9	10	9/10 8/10

APPENDIX C

Appendix Ci – list of military sites NORTH – cataloguing the information from the Land and Tenements Returns

The military sites in Northern District during the nineteenth-century.		EXTENT OF LAND HOLDING BY WD IN 1862 - from the return of all military stations in the United Kingdom, and all lands, tenements, etc, held by the military or ordnance departments. ⁷	EXTENT OF LAND IN WD HOLDING IN 1878 – from the return of lands and tens 1878 ⁸	EXTENT OF LAND HOLDING BY WD IN 1900 – from the return of War Department Lands at home stations on 31 st March 1900. ⁹
LOCATION - COUNTY / TOWN	NATURE OF LAND USE			
		Acres/roods/perches Rood = ¼ acre and 40 perches = 1 rood		
NORTH EAST DISTRICT				
DERBYSHIRE				
Derby Normanton	Brigade Depot		10/0/0 + 5/0/0 drill ground and 300 yard rifle range	10/0/0 + 10/1/29
Chesterfield	Militia hospital	Size not given	No size given	
	Drill ground		11/0/0	
	Rifle range		850 yards	
	Chapel-en-le-Frith		No size given	
		?	26/0/0	20/1/29
DURHAM				
Durham	Militia hospital	No sizes given		
	Rifle range and drill ground		No size given	
Bernard Castle	Militia barracks		No size given	1/1/5
	Rifle range and drill ground		No size given	
South Shields	Land and battery	0/1/12	0/1/12	16/3/4 ^{3/4}
Frenchman's Point	4 batteries & foreshore	2/1/12	2/3/6	20/3/27 ^{1/2} includes 14 acres of foreshore
	Militia hospital		No size given	
Seaham Dalton-le-Dale	N&S battery	1/3/2	0/3/19	0/1/25
Sunderland	Barracks site	7/2/0	7/2/0	7/2/0
	batteries	1/3/11 (4 locs)	1/0/31	1/0/30 ^{3/4} (2 locs)
Whickham	Proof estab.	2/1/2	2/1/2	

⁷ PP, HOC 305 - (HOC038358) - Return of Names of Military Stations in United Kingdom and Lands, Tenements and Appurtenances held by Military or Ordnance Depts 1862.

⁸ PP, HC 402 - Return of all Lands and Tenements (including building rights) purchased or rented in the United Kingdom and Channel Islands by the War Department up to 30th June 1878.

⁹ NAM.2011-11-24 – 9 - Return of War Department Lands at home stations on 31st March 1900.

		15/3/39	14/3/30	48/0/13
LEICESTERSHIRE				
Leicester Parva	Site of brigade depot		20/0/24	20/0/24
	Militia hospital	No size given	No size given	
	Rifle range		600 yards	
		?	20/0/24	20/0/24
LINCOLNSHIRE				
Lincoln	Brigade depot	Hospitals X3	21/2/34	21/1/35
	Drill ground		10/0/25	
	Rifle range		13/0/24	
	Stallingborough battery	0/3/30	0/3/30	
		0/3/30	46/3/30	21/1/35
GRANTHAM	STORE		3/2/0	3/2/0
		0/3/30	50/1/30	23/3/35
NORTHUMBERLAND				
Alnwick	Militia barracks	No sizes given		0/1/13
	Rifle range + camp and drill ground		No size given	
Berwick-on-Tweed	Land and buildings		25/2/7	
Holy Island	Castle		0/1/5	1/0/3 ^{1/3}
Newcastle-on-Tyne	Barracks site and privy	10/3/21 ^{3/4}	11/2/16 + 8 houses	23/2/21
	Recreation ground		7/2/0	
Tynemouth	Castle	15/0/0	17/2/16 ^{1/2}	17/2/19 ^{1/4}
	Fort	1/2/38 ^{1/2}	1/2/37	1/2/25
Coquet Island			0/1/35	
Alnmouth and Warkworth	batteries	0/2/38 ^{1/4}	0/0/19	
		28/1/18	64/3/15	44/1/11/2
NOTTINGHAMSHIRE				
Newark	Militia barracks		No size given	2/0/0
	Militia drill ground + Rifle range		2/0/0 900 yards	
	Encampment ground		28/0/0	
	Barracks		3/0/13	
Basford	Land & barracks	23/0/33	21/0/20	
		23/0/33	54/0/33	2/0/0
YORKSHIRE				
Beverley	Brigade depot and cottages	No sizes given for hospital for E York militia	10/0/18	10/1/7
	Rifle range		No size given	
Bradford	Site of Barracks	6/0/10	6/0/0	8/2/4
Doncaster	Brigade office		No size given	
Halifax	Brigade depot barracks		9/1/9	8/5/8 ^{3/5}
	Rifle range		No size given	
	Brigade office and militia hospital		No size given	
Hull	Citadel and battery	38/1/0		
	Stores and offices		No size given	
Knaresborough	Militia hospital and rifle range		No size given	
Leeds	Site of barracks	11/0/8	12/0/0	12/0/0
Burley	Barracks		18/0/0	
St Clements	18 houses		No size given	

St Mathews	Militia hospital		No size given	
Middlesborough	SMM instructional estab.			5/3/27 0/1/17
	battery			6/0/35
Paull-on-Humber	Lands and buildings	117/0/32	132/0/1	132/0/15 ^{1/2}
Pontefract	Barrack site and 14 houses		14/0/15	15/2/0 ^{1/2}
	Hospital for W York Rifles	No sizes given	No size given	
Redcar (Coatham)	Encampment ground		No size given	
Richmond	Castle militia buildings	No sizes given for hospital for N York militia	No size given	2/3/1 ^{3/4}
	Rifle range		No size given	
	Brigade depot site		10/3/12	10/2/31 ^{1/2}
Scarborough	Land & buildings	53/0/0	53/2/0	30/1/0
	Militia barracks		No size given	3/0/0
	RA Depot		No size given	13/2/11 7/1/17
	Rifle range			25/3/1
	Firing rights			None specified
Selby	Magazine			4/3/21 ^{1/2}
Sheffield	Barracks	22/2/13	22/2/13	22/2/13
	Drill ground Ecclesfield + exercising and rifle practice ground		12/0/0 + 12/0/0	
	Recreation ground		1/2/0	
	Inspector of steel's office			0/0/6 ^{1/2}
	Rifle practice ground	12/0/0		
Strensall	Common - Land for tactical station		1,280/2/30	1,280/2/30
	Towthorpe - Land for tactical station		615/1/34	615/1/34
	Strensall - Land for tactical station			10/3/22
York (Fulford)	Cavalry barracks + drill field	12/1/2 ^{1/2} + 11/0/2	32/1/25	12/3/3 + 7/0/8
	Cavalry barracks hospital	No sizes given hospital for militia		10/0/36
	Ordnance store			9/1/26
	Infantry barracks		32/0/36	32/0/36
	Other land		0/3/6	
	Offices		No size given	
	Drill ground		No size given	
York St Lawrence	HQ	No sizes given		0/3/6
York St Michael le Belfry	Government House	No sizes given		1/1/21 ^{1/5}
		283/1/27	2274/1/39	2281/3/29^{1/2}
TOTAL NE DISTRICT		353/3/27	2,505/0/11	2448/3/12^{1/2}

KEY		Pre 1700	Land used occasionally					Full occupation					'Cardwell' Depot ownership
			1701 - 1799	1800 - 1809	1810 - 1819	1820 - 1829	1830 - 1839	1840 - 1849	1850 - 1859	1860 - 1869	1870 - 1879	1880 - 1889	
DERBYSHIRE													
Derby Normanton	Brigade Depot												1873 Additional land purchased 1893 from George Newdigate
Chesterfield	Militia hospital												Yearly from 1864
	Drill ground												Yearly from 1876
	Rifle range												Yearly from 1876
	Chapel-en-le-Friith												Yearly from 1877
DURHAM													
Durham	Militia hospital												Yearly as required from 1877
	Rifle range and drill ground												From 1877 for Durham Rifle Vol
Bernard Castle	Militia barracks												1884 Leased from clerk of peace
	Range and drill ground												Durham Rifle Vol & Duke of Northumberland
South Shields Frenchman's Point	Land and battery												Various owners one battery Dean & Chapter Durham
Hartlepool	4 batteries & foreshore												1859 leased larger battery installed 1890s
	Militia hospital												From 1864
Seaham Dalton-le-Dale	N&S battery												Earl Vane from 1861
Sunderland	Barracks site												Leased from Governors of Sunderland Orphan Asylum 1844
	batteries												1860
Whickham	Proof estab.												Yearly from 1860
LEICESTERSHIRE													
Leicester Parva	Brigade depot												1875 Goodchild and others
	Militia hospital												
	Rifle range												Yearly from 1860s
NORTHUMBERLAND													
Alnwick	Militia barracks												From 1884
	Rifle range + camp and drill ground												From 1877
Berwick-on-Tweed	Land and buildings												Early 18 th C
Holy Island	Castle												
Newcastle-on-Tyne	Barracks site and privy												1804 Corporation of Newcastle
	Recreation ground												From 1872
Tynemouth	Castle												Original 13 th / 14 ^t C fortifications leases from 1807, 1809, but Jure Coronae from pre
	Fort												From 1672

Coquet Island																					From 1859
Alnmouth and Warkworth	batteries																				1859 Duke of Northumberland
NOTTINGHAM-SHIRE																					
Newark	Militia barracks																				1883 Clerk of peace
	Militia drill ground + Rifle range																				1877
	Encampment ground																				1877
	Barracks																				1858
Basford	Land & barracks																				1860
YORKSHIRE																					
Beverley	Brigade depot and cottages																				1874 Whiting and various
	Rifle range																				
Bradford	Site of Barracks																				1843 Rawson and others additional land from Corporation in 1879
Doncaster	Brigade office																				1873
Halifax	Brigade depot barracks																				1874 Archdeacon Musgrave and others
	Rifle range																				1874
	Brigade office and militia hospital																				1874
Hull	Citadel and battery	Crown property																			Pre 17thC
	Stores and offices																				1864
Paull-on-Humber	Lands and buildings																				1861 Bannister, St John's Cambridge and others
Knaresborough	Militia hospital and rifle range																				1867
Leeds	Site of barracks																				1820 Holroyd and another
Burley	Barracks																				1874
St Clements	18 houses																				1876
St Mathews	Militia hospital																				1876
Middlesborough	SMM instructional estab.																				1886 Leased by Tees commissioners
	battery																				1890 Leased by Tees commissioners
Pontefract	Barrack site and 14 houses																				1873 Duchy of Lancaster and M Pearson yearly
	Hospital for W York Rifles																				
Redcar (Coatham)	Encampment ground																				1877

Richmond	Castle militia buildings																	1877 Clerk of Peace lease
	Rifle range																	1877
	Brigade depot site																	1874 Fitzwilliam, Stephenson and others including Trustees of Free Grammar School
Scarborough	Land & buildings	Crown property 12thC																Crown property from 12C with 18thC barracks
	Militia barracks																	1890 N Riding
	RA Depot																	1886 Lord Derwent & others additional land 1898 from Rev Robinson
	Rifle range																	1899 Duchy of Lancaster & Scarborough Corporation
	Firing rights																	1899 Granted Earl of Londesborough
Selby	Magazine																	1888
Sheffield	Barracks																	1847
	Drill ground Ecclesfield exercising and rifle practice ground																	1847
	Recreation ground																	1869
	Inspector of steel's office																	
	Rifle practice ground																	1859
Strensall	Common - Land for tactical station																	1876 L Thomson & others
	Towthorpe - Land for tactical station																	1878 R Briggs
	Land for tactical station																	1880 Extended 1890
York (Fulford)	Cavalry barracks + drill field																	1793 - Wolley & Hearne Drill Field 1888
	Cavalry barracks hospital																	1860 Backhouse
	Ordnance store																	1862
	Infantry barracks																	1876
	Other land																	1876
	Offices																	1882
	Drill ground																	
York St Lawrence	HQ																	1859

York St Michael le Belfry	Government House																		1882
		Pre 1700	1701 - 1799	1800 - 1809	1810 - 1819	1820 - 1829	1830 - 1839	1840 - 1849	1850 - 1859	1860 - 1869	1870 - 1879	1880 - 1889	1890 - 1899	1900 - 1909	1910 - 1919	1920 - 1929	1930 - 1939	1940 - 1949	ownership

CARNARVON																			
Beaumaris	Militia hospital																		1867
Carnarvon	Militia buildings																		99 year lease clerk of Peace from 1892
	Rifle range																		From 1876 Rented as needed Caernarvon Volunteers
CHESHIRE																			
Chester	Barracks																		Crown Property barracks from 1788
	Militia																		1874 Clerk of Peace
Wallasey	Batteries and camping ground																		1857 Corporation of Liverpool
Stockport	Barracks																		1820 - Sold in 1865
Bredbury	Exercise and rifle practice ground																		
Macclesfield	Militia barracks																		1883 Clerk of Peace
CUMBERLAND																			
Carlisle	Castle	Jure Coronae																	Crown Property Barracks from 1820s Married quarters in 1882
	Drill ground																		1874
Cummersdale	Rifle range																		1877 - 1 st & 7 th Cumberland Rifle Volunteers
Whitehaven	battery																		1862 Leased from Earl of Lonsdale
	Rifle range																		1877 2 nd Cumberland Vol.
	Drill ground																		
Maryport	battery																		Yearly rent from 1861
DENBIGHSHIRE																			
Wrexham	Brigade depot barracks																		1873 Corporation of Wrexham
	Camping ground																		1873 Lease for 40 years Sir Williams Wynn
	Exercising ground																		1873 Lease for 40 years Sir Williams Wynn
	Ruthin rifle range																		1 st Denbigh Rifle Vol from 1877
	Militia hospital																		Yearly rent from 1863 to 1877
FLINTSHIRE																			
Mold	Militia hospital																		1858
	Rifle range and drill ground																		From 1868
ISLE OF MAN																			

Castleton	Barracks and store (Kirkmalw)																			From 1834 transferred to Office of Woods in 1896 in exchange for Douglas
	Douglas Head																			
	Peel Kirkpatrick																			
	Rifle range (Malew)																			
LANCASHIRE																				
Altcar	Battery																			Yearly from 1867
Ashton-under-Lyne	Barracks																			1841 Earl of Stamford
Blackburn	Site for barracks																			From 1844
Bolton	Temporary barracks – finished 1850 after 6months																			1829
Burnley (Habbergham Eaves)	Barracks																			1822 R Parker
	Militia hospital																			
	Drill ground																			1854
	Rifle range																			1859
	Cricket ground																			
Bury (Elton)	Barracks																			1842 Earl of Derby
	Rifle range (Malmesbury) drill ground (Elton)																			1877 Yearly 8 th Lancs Vol
Burscough (Lathom)	Store buildings																			Land exchanged with Railway Company 1896
Chipping	Encampment and rifle ranges																			1897 Earl of Derby lease for 99 years
Fleetwood	Euston Barracks + Bellvue House																			1859 Sir H Fleetwood
	Hut encampment and rifle range																			1859 Lease from Trustees of Fleetwood Estate but over 80% bought from Sir H Fleetwood in 1861
	Extension of cemetery																			Given up in 1888 to Churchwardens
Walney Island	Battery																			1882 Lease Duke of Buccleuch 99 years
Lancaster Piel Is.	Battery																			
Lancaster	Brigade depot Barracks																			1875 Trustees of Lancaster Charity
	Drill ground																			Yearly 1877
	Encampment																			Yearly 1877
	Rifle range Quarrimor Ormskirk																			Yearly 1872
	Militia barracks																			Yearly 1856

	and hospital									5 6									
Liverpool	Battery																	1888 Lease from Mersey Docks & Harbour Board	
	Cavalry barracks																	1889 Tattersall & Musker	
	Barracks Everton																	1885	
	Pensioner recruiting office, and RE office																	1860 leased	
	Temporary barracks at Everton, Birchfield Liverpool.																	1858	
Manchester St George's Hulme	Cavalry barracks																	1799 Egerton Lord Egerton of Tatton	
	Staff and departmental offices																	1872 Lord Egerton	
Manchester Salford	Infantry barracks																	1820	
Manchester Stretford	Exercising ground / drill ground																	Yearly 1875	
Barton on Irwell , Clifton	Rifle ranges																	Yearly 1875	
Preston	Land for military exercises																	1896 Lease from Duchy of Lancaster	
	Drill ground																	1874	
	Barracks Fulwood									1 8 4 5								1845 Lease from Duchy of Lancaster and small part from Mr Alston and Mr Dixon	
	Militia hospital																		
Warrington	Brigade depot barracks																	1873 Extended in 1892 various owners	
	Drill ground and militia hospital																	Yearly from 1876	
SHROPSHIRE																			
Shrewsbury	Brigade depot barracks																	1875 R&M Keate	
	Militia hospital, drill ground and rifle range																		
STAFFORDSHIRE																			
Lichfield	Land and rifle range at Handsworth																	1849 Only kept for 1 to 4 years	
	Hospital for militia																		
	Drill ground and rifle range																	Extinction of Common Rights under Lands Clauses Consolidation Act 1845	
	Site for brigade depot																	Marquess of Anglesey, Commoners of manor of Langdon	

	Barracks Whittington 1876																			Over (1877) married Q in 1889 – leased from Hand in Hand Fire & Life
Newcastle-under-Lyme	Militia hospital, drill ground and rifle range																			1857
Stafford	Militia hospital, drill ground and rifle range																			1857
WARWICKSHIRE																				
Birmingham (Aston)	Barracks																			1872 Leased from Col Chester for 60 years
Bishop Ryders	Small arms estab. And RE office																			1806
Coventry (St Michael's)	Barracks																			G1794 ummon & Buck
Warwick	Site for Brigade Depot Barracks																			1874 Lord Dorner
	Hospital for militia Leamington Warwick Rifle range Milverton																			Yearly from 1856
WORCESTER-SHIRE																				
Worcester (Kempsey)	Lands and cottages																			1874 Lord Coventry Extended in 1887 lease from Selwood, Cook & Riddle Esq.

Appendix Cii – list of military sites EAST - cataloguing the information from the Land and Tenements Returns

The military sites in East Anglia during the nineteenth-century.		EXTENT OF LAND HOLDING BY WD IN 1862 - from the return of all military stations in the United Kingdom, and all lands, tenements, etc, held by the military or ordnance departments. ¹⁰	EXTENT OF LAND IN WD HOLDING IN 1878 – from the return of lands and tens 1878 ¹¹	EXTENT OF LAND HOLDING BY WD IN 1900 – from the return of War Department Lands at home stations on 31 st March 1900. ¹²
LOCATION - COUNTY / TOWN	NATURE OF LAND USE	Acres/roods/perches Rood = ¼ acre and 40 perches = 1 rood		
ESSEX				
COLCHESTER	Middlewick	167/2/38	292/1/22	834/1/19
	Drill Field	25/0/0 + 14/3/29	23/2/24	23/2/2 rec ground
	Camp Ground	32/2/12	32/3/0	32/3/0 now Napier Lines
	Chapel	0/3/0	0/3/0	0/3/22
	St Johns Abbey Gardens etc.	176/2/16	177/1/27	190/3/11
	Site for hospital & married quarters			27/3/6
	Site for Goojerat & Sobraon Barracks			19/1/35
	Martello Towers A-K	36/2/38	35/0/31	35/0/31
		448/2/13	572/0/24	1145/3/6
HARWICH	Redoubt	54/2/25	54/1/11	54/0/25
	Sea shore	88/1/37	88/1/37	88/3/17
		143/1/22	142/3/8	143/0/2
CHELMSFORD	Militia Drill Ground		16/0/0	
WARLEY	Barracks, drill ground etc		134/2/0	133/3/27
NORTH WEALD	Redoubt			8/3/4
SHOEBURYNESS p164	Lands and buildings	33/1/27	52/1/34	66/3/14
	Foreshore	157/1/22 +land in front of WD property	157/1/0	157/1/0
	Lands and foreshore to Maplin into the Thames etc.	<i>About 960 acres</i>	<i>Computed as 4662 acres</i>	<i>Computed as 4712 acres</i>
	Other land and buildings	17/3/10	52/0/34	355/1/29

¹⁰ HOC 305 - (HOC038358) - Return of Names of Military Stations in United Kingdom and Lands, Tenements and Appurtenances held by Military or Ordnance Depts 1862

¹¹ HC 402 - Return of all Lands and Tenements (including building rights) purchased or rented in the United Kingdom and Channel Islands by the War Department up to 30th June 1878.

¹² NAM.2011-11-24 – 9 - Return of War Department Lands at home stations on 31st March 1900.

	Land at Great Wakering			256/0/33.5
	Foreshore and Maplin Sands			15,850
		208/2/19	263/3/28 + 4662?	835/2/36 ^{1/2}
				+ 20,562 acres foreshore est.
TILBURYp64	Fort and lands	72/3/38	72/3/38	53/3/3 ^{1/2} + 62/1/24
				29/1/2
		72/3/38	72/3/38	145/1/39 ^{1/2}
COALHOUSE	Fort		14/1/3	14/1/3
	Surrounding lands clearance rights	?	162/0/20	431/0/6
		38/3/12	176/1/23	445/1/9
PURFLEET	Land and buildings	61/3/33	46/2/29	46/2/29
WALTHAM ABBEYp164	Land, meadow and islets	42/0/22	59/1/6	136/0/2 ^{1/2}
	Enfield Lock	163/3/19	26/2/ 1	
	Land and islets		74/2/25 ^{1/2}	159/3/11 ^{1/2}
	Powder mills		10/2/33	134/0/21
			111/3/19 ^{1/2}	
		206/0/1	283/0/4 ^{1/2}	429/3/35
PITSEA HALL 1891	'Wat Tyler park' explosives factory			
STANFORD-LE-HOPE	Kynoch Corringham			
ESSEX TOTAL		1,180.00	1,708.50 (+ 4662)	3,334.50 PLUS 4,712.00 Foreshore 15,854.00 Maplin
SUFFOLK				
IPSWICH	Cavalry	10/0/0	10/0/0	9/2/6 artillery now
	Militia	?	2/2/28	
	Exercise at Rushmere		13/0/0	
	Other lands		4/3/0	
		10/0/0	30/1/28	9/2/6
BURY ST EDMUNDS	Barracks		22/3/3	22/3/3
	Militia	?	6/2/0	
		0/0/0	29/1/3	22/3/3
LANDGUARD	Fort	54/1/21	5/2/0	5/2/0 about
	Common		202/1/35	202/0/35
	Martello Towers L-CC	95/1/9	106/2/8	83/0/4
	Artillery exercise		8/1/2	
	Sea shore		51/2/35	68 /1/28
		149/2/30	374/2/0	358/3/27
LOWESTOFT	Batteries	1/1/39	2/3/38	2/3/12
STOWMARKET	Explosives factory			
		161/0/29	437/0/29	393/0/8
CAMBRIDGESHIRE, HERTFORSHIRE AND BEDFORDSHIRE				

HUNTINGDON	Militia drill ground and range		16/2/0	0/3/7 barracks only
CAMBRIDGE / ELY	Militia drill ground and range		19/2/11	3/3/13 barracks only
HERTFORD	Militia drill ground and range	hospital	0/2/18	1/2/0
BEDFORD	Barracks		22/3/32	22/3/25
	Rifle range		30/0/0	Transfer to Middlewick
			55/3/32	22/3/25
NORFOLK				
GREAT YARMOUTH	Barracks and offices	4/0/1 ^{1/2} Temp.	3/2/38 ^{1/2}	
	Batteries	16/1/32 ^{3/4}	9/3/15	9/3/15
	Militia barracks etc.	?	29/2/13	28/2/8 now RA barracks
	Naval barracks / hospital			
		20/1/34 ^{1/4}	43/0/26 ^{1/2}	38/1/23
NORWICH	Drill ground	80/0/0 (training ground)	35/0/0	
	Rifle range	?	7/0/0	
	Barracks cavalry + hospital	10/1/3	10/1/17	18/3/34 (just over 8 acre extension)
	Regimental Depot			23/1/26
		90/1/3	52/1/17	42/1/20
		110/2/37.25	95/2/3.5	80/3/3
NORTHAMPTONSHIRE				
Northampton	Barracks (St Sepulchre)	9/0/29	9/0/29	9/0/29
	Weedon	160/0/32	167/0/0	173/2/8
	St. Andrew's	hospital		
	Rifle Range		800 yards	
		169/1/21	177/0/29	182/2/37
TOTAL acreage in WD hands in East Anglia / Eastern District +		1,621.25	1,982.25 + 4,662 foreshore	4,019 + over 20,000 at Maplin etc.
In Km²		6.6	8	16.3
			(just over 27 in total)	(97 in total)
MoD land in 2011	220,000 hectares	Or 543,000 acres	Or 2,200Km²	

		Pre 1700	1701 - 1799	1 8 0 9	1 8 1 9	1 8 2 9	1 8 3 9	1 8 4 9	1 8 5 9	1 8 6 9	1 8 7 9	1 8 8 9	1 8 9 9	2 0 2 3	ownership
ESSEX															
COLCHESTER	Middlewick								1 8 5 6						Variety of owners – purchased additions in 1874 and 1899
	Drill Field			1 8 0 5											
	Camp Ground			1 8 0 6											Given to Colchester
	Chapel			1 8 0 4											
	St Johns Abbey Gardens etc.								1 8 6 0						For cavalry and artillery barracks
	Site for hospital & married quarters											1 8 9 2			
	Site for Goojerat & Sobraon Barracks											1 8 9 9			Variety of owners - purchased
	Martello Towers A-K			1 8 1 0											
HARWICH	Redoubt		1714												Various owners
	Sea shore		1714												Lord of the manor
CHELMSFORD	Militia Drill Ground			1 8 0 6											
WARLEY	Barracks, drill ground etc			1 8 0 6											From E. India Co in 1858s Various owners
NORTH WEALD	Redoubt											1 8 9 0 s			Various owners
SHOEBURYNESS p164	Lands and buildings							1 8 4 9							Extended 1853, 1857, 1860, 1863

	Foreshore										1 8 5 1						Leased from Sir J Tyrrell
	Lands and foreshore to Maplin into the Thames etc.												1 8 8 6				Extended through 1890s
	Other land and buildings													1 8 9 0			
	Land at Great Wakering													1 8 9 2			
	Foreshore and Maplin Sands														1 9 0 0		Rented from Sir G Tyrrell Purchased from Bradford Building Soc & others
TILBURYp64	Fort and lands	A very ancient Crown property															Purchased 1853
COALHOUSE	Fort	A very ancient Crown property															Purchased 1861 / '62
	Surrounding lands clearance rights												1 8 6 1				Various purchases between 1861 and 1890 from variety of individuals and trusts
PURFLEET	Land and buildings		1761														5 owners paid varying amounts
WALTHAM ABBEY	Land, meadow and islets			1 8 0 9													Extended 1810, 1846, 1865, 1872, 1899
	Enfield Lock												1 8 6 2				
	Land and islets		1761														
	Powder mills																
PITSEA HALL 1891	'Wat Tyler park' explosives factory															1 8 9 1	

STANFORD-LE-HOPE	Kynoch Corringham															1897	
SUFFOLK																	
IPSWICH	Cavalry		1794 - 6														Durham, Gallant + Cobbold
	Militia												1867				
	Exercise at Rushmere													1872			Yearly hiring
	Other lands																
BURY ST EDMUNDS	Barracks													1876			Grammar school
	Militia																
LANDGUARD	Fort	1540	1718														Crown land from James 1
	Common													1876			Tomlins
	Martello Towers L-CC			1809													Various owners
	Artillery exercise																Probable dates hired yearly from W Garrett
	Sea shore																
	Shotley																RN training to 1973
LOWESTOFT	Batteries		1782'9														Transferred to Admiralty
STOWMARKET	Explosives factory																Explosion 1871 killed 28
CAMBRIDGESHIRE , HERTFORSHIRE AND BEDFORDSHIRE																	
HUNTINGDON	Militia drill ground and range														1882		Lease to 1981 from clerk of the peace
CAMBRIDGE / ELY	Militia drill ground and range														1883		Lease to 1982 from clerk to the peace
HERTFORD	Militia drill ground and range														1884		Herts Militia to 1983
BEDFORD	Barracks														188		Purser and mortgagees

																	7 3	
	Rifle range																	Hired yearly from Duke of Bedford
NORFOLK																		
GREAT YARMOUTH	Barracks and offices			1 8 0 5														Was naval property originally rented from Lord Vernon
	Batteries	1780-1795																
	Militia barracks etc.																1 8 7 5	
	Naval barracks / hospital			1 8 1 1														To NHS in 1958 closed 1993
NORWICH	Drill ground																1 8 8 8	
	Rifle range																	Hired yearly
	Barracks cavalry + hospital	1790s															1 8 7 2	Purchase from Dean & Chapter 1872 from lease Extended 1888
	Regimental Depot																1 8 8 4	From Ecclesiastical commissioners as gift
NORTHAMPTONS HIRE																		
Northampton	Barracks (St Sepulchre)	1797																
	St. Andrew's																	
	Rifle Range																	Hired annually
Weedon	Ordnance depot			1 8 0 3														Closed in 1965
	Barracks			1 8 0 0 s														Demolished in 1950s
		Pre 1700	1701 - 1799	1 8 0 9	1 8 1 9	1 8 2 9	1 8 3 9	1 8 4 9	1 8 5 9	1 8 6 9	1 8 7 9	1 8 8 9	1 8 9 9	1 9 0 9	1 9 0 9	2 0 1 8		ownership

Appendix Ciii – list of military sites Ireland - cataloguing the information from the Land and Tenements Returns

LOCATION - COUNTY / TOWN	NATURE OF LAND USE	Pre 1700	1701 - 1799	1800	1801	1802	1803	1804	1805	1806	1807	1808	1809	1810	1811	1812	1813	1814	1815	1816	1817	1818	1819	1820	ownership
Arklow WICKLOW	barrack																								1881 to Board of Works to RIC – start uncertain
Armagh ARMAGH	barrack		May be 1773					1848			1877														Part leased from 1848
	Temp. hospital																								yearly
	Hut / field										1874														
	DRILL FIELD										1875														
	RIFLE RANGE										1874														Town commissioners Only held for 1 year – transfer to Dundalk?
Athlone ROSCOMMON	Ball practice / exercising										1889														Fitzgerald & Percy
	battery			1803																					From 1803 – 1809 Surrendered in 1890s
	Land nr. Gallows Hill																								
	Kings meadow			1809																					
	Castle barrack					1827																			
	Main barrack		1702	18																					Added to and developed

				07														1807and again 1858
(Westmeath)	Exercise ground																	For 1 year
Athy KILDARE	barrack		May be as early as 1710 1770															Leased from Duke of Leinster To RIC in 1890
Ballaghadireen MAYO				1805														1898 sold became a school
Ballinamult WATERFORD	barrack		1714 built?	1809														1881 to RIC
Bagenbon WEXFORD	Tower & land		1795															Lease bought in 1841
Ballincollig CORK	Barrack & lands			1805														Sold in 1834 to Messrs Horsfall & Tobin
Ballinrobe MAYO	Cavalry & Infantry barracks		1715 extended lease 1776															
Ballyshannon DONEGAL	Barrack & house																	
	RIFLE RANGE																	Rep of Church body
Bandon CORK	barrack																	
	DRILL FIELD																	For 1 year
Bantry Bay Bere Island CORK	Towers, battery, barracks and store			1804														Land on Is. from 1894 from Lord Clinto but tenants rights not resolved yet (1900)
Bantry Bay Whiddy Island CORK CORK	E, W & Centre redoubts			1804														Earl of Bantry

Bantry Bay Garnish Island	Tower & land									1828													
Bantry Bay – Glengarriffe Is.	Garnish Hill																						
Belfast Cavalry & Infantry ANTRIM	barracks		1797																1857	J Torrens			
Belfast artillery ANTRIM	barracks																			1806	Marquis of Donegal		
Belfast ANTRIM	exercisi ng I recruitm ent barracks		1797																	1859	W Carson		
	DRILL FIELD Hollywo od RIFLE RANGE																				1890	Harrison Estate	
	Barrack site																				1879	Lepper and York St. Flax Co.	
	Hollywo od Eldon House & land																				1890	Church of Ireland	
Bellack DONEGAL	Old Fort		1797																		1863		
Belturbet CAVAN	barrack		1701																			Corporation of Belturbet	
Boyle ROSCOMMON	Barrack + fishing rights		1795																			Earl of Kingston	
	RIFLE RANGE																				1875	Col King- Harman yearly	
Buttevant CORK	barrack																				1810		
	Exercise & ball practice ground																					1850	Leased from McGarry renewed 1850 and 1881
	RIFLE RANGE																					1860	21 year lease

	EXERCISE / DRILL																		1897		
Cahir TIPPERARY	barrack			1809																Lord Cahir	
	Exercising ground			1809																	
	RIFLE RANGE																			1873	Lease half yearly
Carlow CARLOW	barrack		1781																		R Browne
	garden																				
Carrickfergus ANTRIM	Castle & parade + fishing rights	Crown				1828															Crown lands Added to 1876 and 1890 for submarine mining store
Carrick-on Shannon LEITRIM	Barrack + DRILL FIELD		1784																		
Carrick-on Suir TIPPERARY	barrack		1752																		
Cashel TIPPERARY	Barrack & drill ground		1784																	1870	1886 to RIC start date uncertain
Castlebar MAYO	Infantry barracks		1783																		1827 / '28 lease purchased from Earl of Lucan
	Artillery barracks		1799																		To 1995 from Earl of Lucan
Castlecomer KILKENNY	barrack					1829															Dowager Countess of Ormonde
Cavan CAVAN	barrack		1710 and 1794																		Brooke's
Charlemont ARMAGH	Fort and glacis + land	Crown 1602																			1858 to Office of Woods and Forests – castle to be razed to the ground
Clare Castle / Ennis CLARE	Castle		1769																		Sir Lucius O'Brien

	Woodcock Hill EXT TO RIFLE RANGE																			
Clogheen TIPPERARY	barrack		1769																	Confirmed 1851 Viscount Lismore
Clonakilty CORK	barrack																			1886 To RIC
Clonmel TIPPERARY	Artillery barracks			1 8 0 7																Major Kettlewell and others
	Ball practice									1 8 6 0										Lease 21 years
	Exercisi ng ground									1 8 6 0										
	Infantry barrack									1 8 5 3										Bagwell and others
	BRIGAD E DEPOT										1 8 7 4									Mary Coffey John Bagwell
	GROUND FOR RIFLE RANGE									1 8 6 0										Lease for 21 years
Cork CORK	Barrack s & paymast er office									1 8 5 9										Messrs Morton and others
	Military prison			1 8 0 1																Messrs Morton and others
	Burial ground									1 8 4 9										Dowager Viscount of Listowel
	Elizabeth Fort	Crown 1601	1798																	Prison and then garrison from late 1800s
	Cat Fort		1798																	Originally held for 500 years
	Exercisi ng ground																			yearly

	Lock Hospital										1 8 6 4						Trustees of Louth Infirmary
	Military Training quarter										1 8 6 8						400 years lease
	Lough Field		1795														Sold back to Sheehy family yearly
	DRILL FIELD											1 8 7 7					
	Site for married Q											1 8 6 8					
	Govt. House																
Blackrock CORK												1 8 5 6					Deane & Tanner
Cork Harbour	Camden Fort											1 8 4 9					Clearance rights 1862 - J Puxley lease Additions in 1890, 1892, 1898
	Carlisle Fort			1 8 0 4													1851, 1863, 1898 additions from Comm. Of Landed Estates and Sir RWP Fitzgerald
	Hawlbo wline Is.	Crown															
	Queenstown Hospital		1785														lease
	Rocky Island			1 8 0 6													Liet Col Pennefather
	Spike Island												1 8 9 7				Rent for 999 years
	Monkstown Quay																yearly
	Belvelly tower & land			1 8 1 2													Taken under Defence Act 44 Geo.

	Barrack site											91		
	Beggars Bush barracks + house						1827							Lord Palmerston
	Hoey's Court							1855						Sir George Foster, Public Works & Dublin Corporation
	Is. Bridge barracks + Cambridge Sq. Ground							1857						leases 1862, 1877 George Burrows reps. Various purchases Sir Arthur Vicars, Commissioners of Land Estates 1890s
	Linen Hall barrack & officers quarters							1848						By authority of his excellency The Lord Lieut. Extensions in 1879, 1881, 1883
	Magazine fort	Crown land	1735											
	Monpelier Hill stores							1846						Add 1881
	Mountjoy barracks Phoenix Park	Crown land	1728											Transferred to Bd of Works 1870
	Pigeon House fort Donnybrook							1813						Ended 1897 sold to Corp of Dublin
	Portobello barracks							1810						1860, 1867, 1893 and

	Exercise ground																		1898 additions
	Richmond barracks / Wellington				1812														Additions 1851, 1864, 1895, 1899
	Marshal sea barracks											1877							Major Bonham
	Royal barracks & esplanade in front											1871							1891 addition
	Royal military infirmary	Crown land	1786																
	Grange goram cemetery											1873							Rt Hon W Cowper-Temple
	Marlboro' barracks												1887						Lord Mount Temple
	Ship St barrack				1805														Additions in 1854, 1856, Corporation and Dean & Chapter Christ Church
	War Office	Crown land																	
Dublin Bay Towers North	Towers 1 Sutton 2 Howth 3 Ireland's Eye & fishing rights 4 Carrick Hill 5 Robb's Wall 6 Ballycreek / Ballycarrick - &				1806														1887 1879

	fishing rights 7 Portrairie 8 Rush 9 Drumanagh 10 Spennicks/Shenicks 11 Red Is. / Skerries & fishing rights 12 Ballybrigan											
Dublin Bay Towers South	Towers 1 Bray 2 Mountpark 3 Cork Abbey 4 Magherah Point & fishing rightsX 6 Loughlinstown & fishing rights 7 Tara Hill 8 Killiney 9 Dalky Is. & fishing rights 10 Bullock 11 Sandycove 14 Seapoint 15 Williams town 16 Sandymount			1806								1865
				1873								1873
												1848

	Kingston Battery																		
Duncannon WEXFORD	Fort and 2 towers and ball practice ground	A Kings Fort 1587/88	Shortly after 1798																
	Ball practice ground												1877						yearly
DUBLIN – Lusk Farm	Remount establishment																		Comm of General Works and General Prisons Board
Dundalk LOUTH	barrack																		Leased from Earl of Roden
	+ ground / exercising ground and RIFLE RANGE																		Not stated yearly
Dungarvan WATERFORD	barrack		From 1744																Duke of Devonshire
Dungannon TYRONE	Militia barracks																		Trustees of Lord Ranfurly
Dunmore GALWAY	barrack		1790																1883 to RIC
Ennis CLARE	Temp barracks / old fever hospital																		99 year lease
Enniskillen FERMANAGH	Castle barracks + fishing rights																		Earl of Enniskillen
	Main barrack + fishing rights																		Earl of Enniskillen
	Queen St																		

	School House								47									
	Redoubt fort																	
	RIFLE RANGE Plot of land	1618																yearly
Fermoy CORK	General hospital New hospital Military cemetery								1816									J Anderson
	New barracks								1809									
	New exercise ground								1809									
	Old barrack								1800									
	Caim Tierna – ball practice exercise ground																	leased
Fethard TIPPERARY	Barrack								1804									Thomas Barton
Foxford MAYO	barrack								1802									1881 to RIC
Galway GALWAY	Castle barracks		On 1763 list															
	Rinmore barrack ground RIFLE RANGE								1852									Rifle range 1878
	Shambles barracks		On 1763 list															
	Hare Is.								1861									
Galway Bay	Aughinish Point – tower & land								1811									

	Finnevara tower & road			1811															
	Hill of Rassaville, Caslch Bay tower & road			1811															
Gort GALWAY	Barrack									1851									Comm of Landed Estates
Granard LONGFORD	barrack		1740																J McCartney and others added to in 1813 to RIC in 1879
Kilkenny KILKENNY	Barrack & RE office Militia stores				1812														
	Exercise ground										1876								yearly
Kilworth CORK	RIFLE RANGE												1896						Kathleen Smith and others
Kilbride WICKLOW	RIFLE RANGE												1897						J Fletcher Moore and others
Kinsale CORK	barrack		1795																Added 1798 and 1877
	Ball practice exercising ground Prehane race course									1858									21 year lease from MC Cramer
	RIFLE RANGE									1858									yearly
Charles fort CORK	fort	Crown 1682																	Repaired after 1690 siege

LONGFORD treat as one				0 6																
	Cavalry barracks		From 1774	1 8 0 0																Earl of Longford
Lough Foyle DONEGAL	Greenca stle fort + fishing rights			1 8 1 0																Marquis of Donegal
LONDONDERR Y	Magilleg an tower + fishing rights			1 8 1 1																Lord Bishop of Derry
Loughrea GALWAY	barrack		?																	Possesso ry title
Lough Swilly DONEGAL	Down of Inch fort			1 8 1 0																Lord Templem ore
	Dunree Point fort land			1 8 1 0																Marquis of Donegal
	Knockall a fort			1 8 1 0																Nathaniel Stewart
	Land at Lenan																			Major Harvey
	Macamo ush / Mackam ish			1 8 1 0																Andrew Knox
	Ned's Point			1 8 1 0																Marquis of Donegal
	Rathmul len			1 8 1 0																Andrew Knox
Mallow CORK	barrack																			W Beecher
Maryborough / Portlaoise QUEENS COUNTY	Barrack Use of Marybor o' Heath by agreem ent																			
Mill-street CORK	Barrack																			Possesso ry title - to RIC

Michelstown CORK	Barrack					1 8 2 5												Earl of Kingston
Monaghan MONAGHAN	Barrack		1790															Earl of Clermont
Mullingar WEST MEATH	Barrack and Fair Green for exercise					1 8 0 7												Earl of Granard and Lord Greville added to 1886 qnd 1896
	Newdown – ball practice RIFLE RANGE												1 8 7 1					Lt. Col Cooper & Lord Creville
	Drill field														1 8 9 4			
Naas KILDARE	Barrack					1 8 1 0												P Lattin
	N moat					1 8 0 7												arl of Mayo
	S moat					1 8 0 7												Earl of Mayo
Navan MEATH	barrack		1702															Added 1780
Nenagh TIPPERARY	Barrack		1792															P Holmes
	field																	Expanded in 1846 T Abbott
Newbridge KILDARE	Barrack					1 8 1 2												Hannan family
	Temp barrack & stables Field for brick making														1 8 9 4			
New Inn TIPPERARY	barrack					1 8 0 9												1881 to RIC
New Ross WEXFORD	Barrack		1701															Corp of New Ross

Newry ARMAGH	linen-hall Barrack									1 8 5 5								Held from 1800 – Trustees of earl of Kilmorey
Newcastle LIMERICK	barrack																	Surrender ed 1851 to trustees of Devon Estates
Newtownards DOWN	RIFLE RANGE										1 8 6 0							Marquis of Londonderry
Omagh TYRONE	Barrack field				1 8 0 5													Sir J Stewart Field from 1875
Oughterarde GALWAY	barrack																	Possessor y title
Parsonstown KINGS COUNTY	Ball practice / exercise ground																	
	Barrack										1 8 5 4							Earl of Rosse
	Crinkle exercise ground						1 8 3 1											Supersed ed 1851
Philipstown KINGS COUNTY	Barrack s		1757															Lord Molesworth given to Irish Govet 1855 for prison
Portumna KINGS COUNTY	barrack																	Possessor y title
Roscommon ROSCOMMON	Barrack		1702															
Roscrea TIPPERARY	Barrack					1 8 2 8												Hon Lady Caroline Damer – purchase in 1893
Rutland DONEGAL	barrack				1 8 0 2													Earl of Conyngham
Shannon Lower KERRY	Carrig Is. Tower & batteries					1 8 1 1												Provost Trinity College

	+ fishing rights				1	8														
CLARE	Doonah a Point Tower & batteries + fishing rights				1	8														W Westby
CLARE	Kilcredan Tower & batteries + fish' rights New road				1	8														Hon Burton
CLARE	Kilkerrin Point Tower & batteries + fishing rights				1	8														J Westropp
CLARE	Scattery Is. Tower & batteries + fishing rights				1	8														Corp of Limerick
KERRY	Tarbert Is. Tower & batteries + house + fishing rights				1	8														Sir Edward Leslie
Shannon Upper KINGS COUNTY	Banagher barrack Fort Eliza Tower & batteries Bannagher				1	8														
KINGS COUNTY	Cromwell's Castle Tower & batteries				1	8	0	9												
KINGS COUNTY	Fanninaker Tower & batteries ??				1	8	1	4												
KINGS COUNTY	Keelogue Tower & batteries Meelick				1	8	0	3												

KINGS COUNTY	Shannon Bridge Barrack & land		1798															Viscount Ashbrooke HL'Estrange
ROSCOMMON	Lamb Is. Tete-du-Pont Tower & batteries			1809														Tete du Pont 1815
Sligo SLIGO	barrack					1829												
Templemore TIPPERARY	Barrack			1808														Sir J Carden
	Ball practice ground								1859									Lease for 21 years
	Exercise ground									1875								yearly
Tipperary TIPPERARY	Barrack						1845											Govs of Erasmus Smith's Schools
Tralee KERRY	Barrack				1810													Samuel Morris
	Military burial ground												1893					Hon John Ross
	Ball practice ground Drill field									1875								1875 drill field
	Brigade depot									1869								Lord Ventry
	RIFLE RANGE										1878							yearly
Trim MEATH	Barrack					1828												Corp of Trim
	For huts erection Fair Green									1855								Given up after just 6 years

Tullamore KINGS COUNTY	Barrack		1715																Lord Baron of Tullamore Riding school from 1856 1899 to RIC
	Old magazin e & stores			1 8 0 8															Sold 1861
Waterford WATERFORD	Artillery Barrack			1 8 0 9															T Wyse
	Infantry Barrack		1796																Corp of waterford
Westport MAYO	Barrack		1791																Earl of Altamount Marquis of Sligo
Wexford WEXFORD	Barrack	Crown																	
Wicklow WICKLOW	Rathne w Marine Hotel										1 8 7 9								F Wakefield
Youghal CORK	Infantry Barrack			1 8 0 8															Extended 1836 E Smith
	Old North barrack		1769																1820 to Youghal Free Schools WD ended interest in 1860
	Muckrid ge brick ground			1 8 1 0															Sold 1871
	Summer field ball practice ground										1 8 8 5	1 8 8 6							E G Foley
LOCATION - COUNTY / TOWN	NATURE OF LAND USE	Pre 1700	1701 - 1799	1 8 0 9	1 8 1 9	1 8 2 9	1 8 3 9	1 8 4 9	1 8 5 9	1 8 6 9	1 8 7 9	1 8 8 9	1 8 9 9	1 9 0 9	1 9 1 9	1 9 1 9	2 0 1 8	ownership	