

## **OSTEOLOGICAL DATA TABLES (XSM10)**

ASSOCIATED WITH THE PUBLICATION:

**‘THE NEW CHURCHYARD: FROM MOORFIELDS  
MARSH TO BETHLEM BURIAL GROUND, BROKERS  
ROW AND LIVERPOOL STREET’** (© Copyright  
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COMPILED BY:

**NIAMH CARTY, MICHAEL HENDERSON,  
ELIZABETH L KNOX AND DON WALKER**

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*The New Churchyard (XSM10): osteological data tables*

THE EXCAVATED SAMPLE AND DEMOGRAPHIC PROFILE

Category	No.	Previously recorded	Total
A	656	26	682
B	137	-	137
<b>Total</b>	<b>793</b>	<b>26</b>	<b>819</b>

*Table 1 Number of burials in final analysis*

	Category A			Category B		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Adult	503	209	41.6	102	59	57.8
Subadult	179	47	26.3	35	12	34.3
<b>Total</b>	<b>682</b>	<b>256</b>	<b>37.5</b>	<b>137</b>	<b>71</b>	<b>51.8</b>

*Table 2 Truncated burials*

Category	Age group	Description
Subadult	perinatal	inter-uterine/neonate
	1–6 months	early post-neonatal infant
	7–11 months	later post-neonatal infant
	1–5 years	early childhood
	6–11 years	later childhood
Adult	12–17 years	adolescence
	18–25 years	young adult
	26–35 years	early middle adult
	36–45 years	later middle adult
	≥46 years	mature adult
Unclassified	adult	≥18 years
	subadult	<18 years

*Table 3 Age categories*

*The New Churchyard (XSM10): osteological data tables*

<b>Age (years unless stated)</b>												
<b>Sex</b>	<b>Perinatal</b>	<b>1–6 months</b>	<b>7–11 months</b>	<b>1–5</b>	<b>6–11</b>	<b>12–17</b>	<b>18–25</b>	<b>26–35</b>	<b>36–45</b>	<b>≥46</b>	<b>Adult</b>	<b>Total</b>
Subadult	6	3	0	19	37	34	-	-	-	-	-	<b>99</b>
Male	-	-	-	-	-	-	38	33	44	11	1	<b>127</b>
Probable male	-	-	-	-	-	-	4	6	5	4	3	<b>22</b>
Female	-	-	-	-	-	-	21	22	21	10	5	<b>79</b>
Probable female	-	-	-	-	-	-	7	12	6	6	3	<b>34</b>
Intermediate	-	-	-	-	-	-	1	2	1	0	0	<b>4</b>
Undetermined	-	-	-	-	-	-	0	0	0	0	3	<b>3</b>
<b>Total</b>	<b>6</b>	<b>3</b>	<b>0</b>	<b>19</b>	<b>37</b>	<b>34</b>	<b>71</b>	<b>75</b>	<b>77</b>	<b>31</b>	<b>15</b>	<b>368</b>

*Table 4 Demographic profile of category A burials from phase 1*

<b>Age (years unless stated)</b>												
<b>Sex</b>	<b>Perinatal</b>	<b>1–6 months</b>	<b>7–11 months</b>	<b>1–5</b>	<b>6–11</b>	<b>12–17</b>	<b>18–25</b>	<b>26–35</b>	<b>36–45</b>	<b>≥46</b>	<b>Adult</b>	<b>Total</b>
Subadult	17	8	1	21	14	19	-	-	-	-	-	<b>80</b>
Male	-	-	-	-	-	-	17	31	33	17	3	<b>101</b>
Probable male	-	-	-	-	-	-	11	8	4	7	3	<b>33</b>
Female	-	-	-	-	-	-	22	22	11	8	0	<b>63</b>
Probable female	-	-	-	-	-	-	4	17	7	3	3	<b>34</b>
Intermediate	-	-	-	-	-	-	1	0	0	0	1	<b>2</b>
Undetermined	-	-	-	-	-	-	0	0	0	0	1	<b>1</b>
<b>Total</b>	<b>17</b>	<b>8</b>	<b>1</b>	<b>21</b>	<b>14</b>	<b>19</b>	<b>55</b>	<b>78</b>	<b>55</b>	<b>35</b>	<b>11</b>	<b>314</b>

*Table 5 Demographic profile of category A burials from phase 2*

*The New Churchyard (XSM10): osteological data tables*

		<b>Subadult</b>	<b>Male</b>	<b>Female</b>	<b>Adult</b>	<b>Total</b>
Frontal	right	141	206	149	366	504
	left	142	205	148	362	501
	total	283	411	297	772	1005
Parietal	right	148	211	153	371	519
	left	144	209	154	370	514
	total	292	420	307	741	1033
Supraoccipital		127	202	141	349	476
Basioccipital		133	190	123	318	451
Exoccipital	right	137	194	131	330	467
	left	134	194	132	331	465
	total	271	388	263	661	932
Petrous temporal	right	140	209	150	367	507
	left	145	206	150	363	508
	total	285	415	300	730	1015
Squamous temporal	right	131	209	146	363	494
	left	137	207	145	359	496
	total	268	416	291	722	990
Maxilla	right	115	182	116	303	418
	left	115	191	116	311	426
	total	230	373	232	614	844
Nasal	right	24	104	50	156	180
	left	23	105	21	159	182
	total	47	209	101	315	362
Mandible	right	152	214	163	385	537
	left	148	214	163	384	532
	total	300	428	362	769	1069
Zygomatic	right	96	160	109	274	370
	left	100	170	110	286	386
	total	196	330	219	560	756



*The New Churchyard (XSM10): osteological data tables*

Clavicle	right	130	216	86	175	210
	left	132	233	88	173	207
	total	262	449	174	348	417
Humerus	right	150	235	104	215	256
	left	174	238	101	211	248
	total	297	473	205	426	504
Radius	right	141	242	92	192	225
	left	136	237	95	196	223
	total	277	479	187	388	448
Ulna	right	140	242	96	200	233
	left	140	244	94	202	228
	total	280	486	190	402	463
Femur	right	153	257	106	218	266
	left	159	258	105	217	262
	total	312	515	211	435	528
Tibia	right	130	214	158	381	511
	left	123	222	161	392	515
	total	253	329	319	773	1026
Fibula	right	123	190	143	342	465
	left	120	205	140	353	473
	total	243	395	283	695	938
Sternum	manubrium	79	141	75	220	258
	body	39	142	74	219	292
	xyphoid	1	14	6	21	21
Scapula	right	143	225	165	398	541
	left	137	226	156	388	525
	total	280	451	321	786	1066
Ribs	right	1438	2249	1576	3882	5320
	left	1396	2232	1481	3767	5163
	unsided	0	3	1	4	4
	total	2834	4484	3058	7653	10487

*The New Churchyard (XSM10): osteological data tables*

Ilium	right	155	264	189	463	618
	left	151	266	190	464	615
	total	306	530	379	927	1233
Ischium	right	116	251	171	429	545
	left	131	254	181	441	572
	total	247	505	352	870	1117
Patella	right	24	114	54	197	221
	left	36	118	68	191	227
	total	60	232	122	388	448
R hand	scaphoid	25	131	89	223	248
	lunate	25	112	70	186	211
	triquatral	15	83	49	132	147
	pisiform	4	68	24	92	96
	trapezium	11	79	53	134	145
	trapezoid	11	78	53	132	143
	capitate	26	132	91	226	252
	hamate	16	119	78	198	214
	mc1	68	189	132	326	394
	mc2	93	205	153	365	458
	mc3	86	205	152	365	451
	mc4	81	191	152	350	431
	mc5	68	184	139	325	393
	prox phalanges	244	862	573	1453	1697
	int phalanges	81	428	286	728	809
	dist.phalanges	40	214	160	377	417
L hand	scaphoid	14	133	88	225	239
	lunate	14	112	64	179	193
	triquatral	10	78	43	122	132
	pisiform	6	48	19	67	73
	trapezium	8	92	46	140	148
	trapezoid	13	90	46	137	150
	capitate	22	130	83	216	238
	hamate	16	115	66	182	198
	mc1	54	185	127	319	373
	mc2	88	211	154	372	460

*The New Churchyard (XSM10): osteological data tables*

	mc3	83	207	148	361	444
	mc4	77	193	137	334	411
	mc5	61	173	124	300	361
	prox phalanges	202	815	569	1416	1618
	int phalanges	89	432	250	697	786
	dist phalanges	51	228	133	365	416
Unsided hand	prox phalanges	91	82	57	139	230
	int phalanges	52	71	31	102	154
	dist phalanges	16	45	14	59	75
R foot	talus	66	172	108	287	353
	calcaneus	75	168	122	296	371
	navicular	47	135	91	232	279
	cuboid	43	133	84	223	266
	medial cuneiform	37	135	83	221	258
	intermedial cuneiform	27	104	53	162	189
	lateral cuneiform	25	95	57	156	181
	mt1	67	162	115	284	351
	mt2	67	163	110	280	347
	mt3	68	158	114	280	348
	mt4	62	155	118	280	342
	mt5	53	148	107	261	314
	prox phalanges	76	426	308	752	828
	int phalanges	8	91	33	124	132
	dist phalanges	13	105	47	153	166
L foot	talus	64	167	115	288	352
	calcaneus	76	174	125	305	381
	navicular	46	137	91	231	277
	cuboid	47	137	92	235	282
	medial cuneiform	40	130	89	225	265
	intermedial cuneiform	25	101	65	170	195
	lateral cuneiform	29	103	72	179	208
	mt1	63	169	119	295	358
	mt2	65	156	120	283	348

*The New Churchyard (XSM10): osteological data tables*

	mt3	64	160	120	288	352
	mt4	63	151	116	275	338
	mt5	60	156	116	279	339
	prox phalanges	76	443	264	720	769
	int phalanges	1	85	31	116	117
	dist phalanges	7	102	49	151	158
Unsided foot	prox phalanges	22	68	43	111	133
	int phalanges	2	25	9	34	36
	dist phalanges	4	11	9	20	24

*Table 6 Category A bone catalogue*

*The New Churchyard (XSM10): osteological data tables*

		<b>Subadult</b>	<b>Male</b>	<b>Female</b>	<b>Adult</b>	<b>Total</b>
Frontal	right	20	36	20	56	76
	left	20	39	20	60	80
	total	40	75	40	116	156
Parietal	right	20	40	20	60	80
	left	20	38	20	59	79
	total	40	78	40	119	159
Supraoccipital	total	16	31	18	46	60
Basioccipital		18	31	18	46	67
Exoccipital	right	21	36	19	55	76
	left	20	36	19	55	75
	total	41	72	38	110	151
Petrous temporal	right	18	36	20	56	74
	left	17	38	20	59	76
	total	35	74	40	115	150
Squamous temporal	right	14	36	19	55	69
	left	15	38	19	57	72
	total	29	74	38	112	141
Maxilla	right	17	36	18	54	71
	left	15	34	18	52	67
	total	32	70	36	106	138
Nasal	right	3	19	10	29	32
	left	3	19	10	29	32
	total	6	38	20	58	64
Mandible	right	23	40	20	61	84
	left	22	40	20	62	84
	total	45	80	40	123	168
Zygomatic	right	16	31	15	46	62
	left	15	28	12	40	55
	total	31	59	27	86	117

*The New Churchyard (XSM10): osteological data tables*

Clavicle	right	24	39	20	60	84
	left	19	40	18	61	80
	total	43	79	38	121	164
Humerus	right	27	31	21	52	79
	left	23	40	22	67	90
	total	50	71	43	119	169
Radius	right	24	31	20	52	76
	left	20	40	26	70	90
	total	44	71	46	122	166
Ulna	right	22	31	21	53	75
	left	24	39	25	68	92
	total	46	70	46	121	167
Femur	right	28	35	24	61	89
	left	28	37	25	65	93
	total	56	72	49	126	182
Tibia	right	25	32	20	61	86
	left	24	33	21	62	86
	total	49	65	41	123	172
Fibula	right	20	31	17	56	76
	left	23	32	19	59	82
	total	43	63	36	115	158
Sternum	manubrium	13	23	15	38	51
	body	12	18	14	33	45
	xyphoid	0	3	1	4	4
R scapula	right total	20	37	22	59	79
	R glenoid	22	33	21	54	76
	R coracoid	7	28	17	45	52
	R acromion	15	34	20	55	70
	R blade	20	37	19	57	77
L scapula	left total	24	38	20	61	85
	L glenoid	26	37	20	60	86
	L coracoid	7	25	15	40	47

*The New Churchyard (XSM10): osteological data tables*

	L acromion	17	35	16	54	71
	L blade	23	35	21	60	73
Ribs	right	211	50	28	81	110
	left	214	47	25	77	107
	unsided	0	0	0	0	0
	total	425	97	53	158	217
Ilium	right	29	39	25	64	93
	left	30	40	24	64	95
	total	59	79	49	128	188
Ischium	right	22	37	20	57	79
	left	22	36	23	59	81
	total	44	73	43	116	160
Patella	right	7	16	10	27	34
	left	5	23	15	42	47
	total	12	39	25	69	81
R hand	scaphoid	4	14	7	21	25
	lunate	1	15	6	21	22
	triquatral	5	11	2	13	18
	pisiform	1	7	2	9	10
	trapezium	3	14	6	20	23
	trapezoid	3	12	4	16	19
	capitate	5	17	5	22	27
	hamate	6	19	7	26	32
	mc1	12	22	12	35	47
	mc2	13	29	15	46	59
	mc3	13	32	17	51	64
	mc4	10	28	15	43	53
	mc5	7	23	13	39	46
	prox phalanges	45	107	52	162	207
	int phalanges	16	64	26	93	109
	dist phalanges	13	41	8	50	63
L hand	scaphoid	5	15	10	26	31
	lunate	5	12	5	17	22
	triquatral	3	7	3	1	14

*The New Churchyard (XSM10): osteological data tables*

	pisiform	1	7	1	9	10
	trapezium	3	9	3	13	16
	trapezoid	1	9	2	12	13
	capitate	4	17	8	28	32
	hamate	5	12	2	15	20
	mc1	6	24	15	40	46
	mc2	8	29	15	47	55
	mc3	8	29	20	52	60
	mc4	10	24	14	40	50
	mc5	6	25	15	43	49
	prox phalanges	37	120	63	193	230
	int phalanges	13	70	27	104	117
	dist phalanges	11	27	13	41	52
Unsided hand	prox phalanges	4	6	8	14	18
	int phalanges	5	5	8	13	18
	dist phalanges	1	3	3	8	9
R foot	talus	11	23	16	46	57
	calcaneus	10	28	14	48	58
	navicular	4	21	11	37	41
	cuboid	4	19	9	33	37
	medial cuneiform	5	20	15	41	46
	intermedial cuneiform	3	18	7	31	34
	lateral cuneiform	3	16	9	30	33
	mt1	5	22	14	42	47
	mt2	7	21	14	41	48
	mt3	4	23	15	45	49
	mt4	5	20	15	43	48
	mt5	6	19	17	42	48
	prox phalanges	8	58	33	109	117
	int phalanges	3	6	6	15	18
	dist phalanges	1	13	6	24	25
L foot	talus	8	26	16	46	57
	calcaneus	11	26	16	49	60
	navicular	7	20	10	35	42



*The New Churchyard (XSM10): osteological data tables*

	cuboid	7	22	11	37	44
	medial cuneiform	6	20	9	35	41
	intermedial cuneiform	5	17	7	30	35
	lateral cuneiform	3	16	6	27	30
	mt1	8	25	13	45	53
	mt2	9	22	14	42	51
	mt3	9	21	16	42	51
	mt4	9	20	14	39	48
	mt5	8	20	15	40	48
	prox phalanges	12	50	40	102	114
	int phalanges	4	7	4	13	17
	dist phalanges	3	13	8	25	28
Unsided hand	prox phalanges	0	3	1	8	8
	int phalanges	0	0	0	0	0
	dist phalanges	2	4	1	9	11

*Table 7 Category B bone catalogue*

*The New Churchyard (XSM10): osteological data tables*

		<b>Subadult</b>	<b>Male</b>	<b>Female</b>	<b>Adult</b>	<b>Total</b>
Cervical	1	139	209	143	358	497
	2	130	210	152	368	498
	3	132	198	149	353	485
	4	138	203	151	360	498
	5	139	210	149	365	504
	6	141	220	158	384	525
	7	148	221	164	392	540
Thoracic	1	140	236	177	421	561
	2	141	232	172	413	554
	3	144	236	174	418	562
	4	146	241	173	421	567
	5	146	248	170	423	569
	6	142	244	176	426	568
	7	149	248	176	429	578
	8	150	249	179	435	585
	9	149	252	176	437	586
	10	148	253	179	438	586
	11	151	248	178	432	583
	12	153	257	170	434	587
Lumbar	1	146	261	178	444	590
	2	147	266	185	457	604
	3	147	262	176	446	593
	4	150	256	176	440	590
	5	144	255	176	438	582
Sacral	1	116	244	167	419	535
	2	96	208	130	342	438
	3	80	193	110	307	387
	4	61	168	99	270	331
	5	39	136	88	227	266
Coccyx	1	8	35	7	43	51
Coccyx	2-4		7	1	8	8

*Table 8 Category A vertebral catalogue*

*The New Churchyard (XSM10): osteological data tables*

		<b>Subadult</b>	<b>Male</b>	<b>Female</b>	<b>Adult</b>	<b>Total</b>
Cervical	1	21	33	17	50	71
	2	22	34	16	50	72
	3	20	33	17	50	70
	4	21	37	15	52	73
	5	21	38	14	52	73
	6	22	36	16	53	75
	7	24	38	18	57	81
Thoracic	1	23	38	21	60	83
	2	23	40	19	60	83
	3	23	41	19	61	84
	4	21	44	19	65	86
	5	23	39	21	62	85
	6	24	41	23	66	90
	7	24	41	24	67	91
	8	25	40	23	67	92
	9	23	39	22	65	88
	10	21	40	22	66	87
	11	23	40	21	65	88
	12	23	36	23	63	86
Lumbar	1	23	39	23	67	90
	2	24	40	23	66	90
	3	25	42	20	65	90
	4	25	43	21	65	90
	5	28	42	19	62	90
Sacral	1	21	39	19	59	80
	2	15	33	15	49	64
	3	14	32	13	46	60
	4	8	26	10	37	45
	5	5	21	8	30	35
Coccyx	1	0	9	1	10	10
Coccyx	2-4	0	2	0	2	2

*Table 9 Category B vertebral catalogue*

*The New Churchyard (XSM10): osteological data tables*

Cranial non-metric trait	No. present		No. absent		Total no. observable		% Prevalence	
	Left	Right	Left	Right	Left	Right	Left	Right
Metopism	38		291		329		11.6	
Lambdoid bone	26		259		285		9.1	
Inca bone	23		265		288		8.0	
Bregmatic bone	10		281		291		3.4	
Sagittal wormians	41		198		239		17.2	
Asterionic bone	15	20	186	183	201	203	7.5	9.9
Epipteric bone	14	13	170	176	184	189	7.6	6.9
Coronal wormians	71	73	185	194	256	267	27.7	27.3
Lambdoid wormians	125	124	133	134	258	258	48.4	48.1
Squamo-parietal wormians	28	32	181	180	209	212	13.4	15.1
Parietal notch bone	14	21	195	202	209	223	6.7	9.4
Torus auditivi	2	1	348	349	350	350	0.6	0.3
Torus maxillaris	4	4	278	266	282	270	1.4	1.5
Torus palatinus	13	20	255	239	268	259	4.9	7.7
Supraorbital foramen	91	108	229	218	320	326	28.4	33.1
Supraorbital groove	129	119	196	210	325	329	39.7	36.2
Mastoid foramen	81	88	230	215	311	303	26.0	29.0
Foramen of Huschke	23	18	306	312	329	330	7.0	5.5
Parietal foramen	114	119	200	199	314	318	36.3	37.4
Accessory infraorbital foramen	18	18	163	152	181	170	9.9	10.6
Posterior	62	54	168	173	230	227	27.0	23.8

*The New Churchyard (XSM10): osteological data tables*

condylar canal								
Multiple mental foramen	8	16	248	341	356	357	2.2	4.5
Torus mandibularis	6	7	357	361	363	368	1.7	1.9
Mylohyoid bridge	19	20	314	322	333	342	5.7	5.8

*Table 10 Cranial non-metric traits of category A burials*

*The New Churchyard (XSM10): osteological data tables*

Cranial non-metric trait	No. present		No. absent		Total no. observable		% Prevalence	
	Left	Right	Left	Right	Left	Right	Left	Right
Metopism	3		50		53		5.7	
Lambdoid bone	7		37		44		15.9	
Inca bone	2		44		46		4.3	
Bregmatic bone	0		43		43		-	
Sagittal wormians	8		29		37		21.6	
	Left	Right	Left	Right	Left	Right	Left	Right
Asterionic bone	2	4	36	35	38	39	5.3	10.3
Epipteric bone	1	1	34	35	35	36	2.9	2.8
Coronal wormians	11	14	29	29	40	43	27.5	32.6
Lambdoid wormians	16	19	24	26	40	45	40.0	42.2
Squamo-parietal wormians	4	3	34	37	38	40	10.5	7.5
Parietal notch bone	3	4	38	37	41	41	7.3	9.8
Torus auditivi	0	0	56	53	56	53	-	-
Torus maxillaris	0	0	50	50	50	50	-	-
Torus palatinus	5	5	45	45	50	50	10.0	10.0
Supraorbital foramen	14	15	40	34	54	49	25.9	30.6
Supraorbital groove	23	21	33	29	56	50	41.1	42.0
Mastoid foramen	8	9	44	39	52	48	15.4	18.8
Foramen of Huschke	3	2	50	48	53	50	5.7	4.0
Parietal foramen	12	18	36	32	48	50	25.0	36.0
Accessory infraorbital	4	1	34	33	38	34	10.5	2.9

*The New Churchyard (XSM10): osteological data tables*

foramen								
Posterior condylar canal	14	11	26	30	40	41	35.0	26.8
Multiple mental foramen	1	0	56	57	57	57	1.8	-
Torus mandibularis	0	0	56	55	56	55	-	-
Mylohyoid bridge	2	2	49	51	51	53	3.9	3.8

*Table 11 Cranial non-metric traits of category B burials*

Post-cranial non metric trait		No. present		No. absent		Total no. observable		% Prevalence	
		Left	Right	Left	Right	Left	Right	Left	Right
	sternal foramen	7		157		164		4.3	
	manubrio-corpaeal synostosis	8		232		240		3.3	
		Left	Right	Left	Right	Left	Right	Left	Right
Scapula	os acromiale	16	22	340	332	356	354	4.5	6.2
	acromial articular facet	23	23	261	262	284	285	8.1	8.1
Humerus	septal aperture	20	17	373	364	393	381	5.1	4.5
	supracondylar process	3	5	405	391	408	396	0.7	1.3
Atlas	posterior bridge	24	23	304	303	328	326	7.3	7.1
	lateral bridge	8	7	311	315	319	322	2.5	2.2
	transverse foramen bipartite	5	6	317	318	322	324	1.6	1.9
	double facet	29	33	312	305	341	338	8.5	9.8
Ilium	accessory sacral/Iliac facets	28	39	324	318	352	357	8.0	10.9
	acetabular crease	34	33	367	369	401	402	8.5	8.2
Femur	third trochanter	39	45	373	357	412	402	9.5	11.2
	allen's fossa	45	41	333	326	378	367	11.9	11.2
	hypotrochanteric fossa	16	22	340	332	356	354	4.5	6.2
Patella	vastus notch	2	3	184	191	186	194	1.1	1.5
	bipartite	2	3	184	191	186	194	1.1	1.5
Tibia	medial squatting facet	26	14	270	271	296	285	8.8	4.9
	lateral squatting facet	36	26	260	262	296	288	12.2	9.0
Calcaneus	facet absent	7	6	270	263	277	269	2.5	2.2
	facet double	103	102	173	163	276	265	37.3	38.5
Talus	os trigonum	18	15	254	255	272	270	6.6	5.6
	talar facet double	52	43	210	214	262	257	19.8	16.7
	squatting facet	13	15	251	254	264	269	4.9	5.6

*Table 12 Post-cranial non-metric traits of category A burials*



*The New Churchyard (XSM10): osteological data tables*

Post-cranial non-metric trait		No. present		No. absent		No. observable		% Prevalence	
		Left	Right	Left	Right	Left	Right	Left	Right
	sternal foramen	2		22		24		8.3	
	sanubrio-carpal synostosis	2		38		40		5.0	
		Left	Right	Left	Right	Left	Right	Left	Right
Scapula	os acromiale	2	3	38	43	40	46	5.0	6.5
	acromial articular facet	7	6	36	41	43	47	16.3	12.8
Humerus	septal aperture	3	1	55	42	58	43	5.2	2.3
	supracondylar process	2	1	56	44	58	45	3.4	2.2
Atlas	posterior bridge	5	3	39	43	44	46	11.4	6.5
	lateral bridge	1	1	40	45	41	46	2.4	2.2
	transverse foramen bipartite	2	1	42	41	44	42	4.5	2.4
	double facet	13	7	34	49	47	46	27.7	15.2
Ilium	accessory sacral/Iliac facets	6	6	42	40	48	46	12.5	13.0
	acetabular crease	2	1	56	55	58	56	3.4	1.8
Femur	third trochanter	4	4	54	50	58	54	6.9	7.4
	allen's fossa	5	4	49	45	54	49	9.3	8.2
	hypotrochanteric fossa	1	2	53	47	54	49	1.9	4.1
Patella	vastus notch	2	2	39	24	41	26	4.9	7.7
	bipartite	0	0	40	26	40	26	-	-
Tibia	medial squatting facet	2	4	49	45	51	49	3.9	8.2
	lateral squatting facet	5	3	46	47	51	50	9.8	6.0
Calcaneus	facet absent	0	2	47	42	47	44	-	4.5
	facet double	18	16	30	28	48	44	37.5	36.4
Talus	os trigonum	1	1	46	42	47	43	2.1	2.3

*The New Churchyard (XSM10): osteological data tables*

	talar facet double	9	9	32	32	41	41	22.0	22.0
	squatting facet	2	3	42	39	44	42	4.5	7.1

*Table 13 Post-cranial non-metric traits of category B burials*

EXTERNAL SAMPLING AND ANALYSES

<b>Context no. [...]</b>	<b>Sex</b>	<b>Age (years)</b>	<b>Yp positive</b>	<b>Isotope</b>	<b>Microbiome &amp; microscopy</b>
7980	subadult	12–17			
7982	female	18–25			x
8050	male	26–35			
8052	undetermined	18–25	x		
8097	probable male	adult			x
8099	subadult	6–11		x	
8101	probable female	18–25		x	
8103	female	18–25	x		x
8105	probable male	26–35			x
8127	subadult	6–11	x		
8145	subadult	12–17		x	
8147	male	26–35		x	x
8193	probable female	≥46		x	
8198	probable male	18–25	x	x	x
8200	subadult	12–17			
8204	probable male	26–35		x	x
8209	probable female	18–25			
8216	probable male	18–25	x	x	
8219	subadult	12–17		x	
8223	female	18–25		x	x

*Table 14 Concordance table of external sampling on mass burial, with Yersinia pestis positive individuals indicated*

*The New Churchyard (XSM10): osteological data tables*

<b>Phase</b>	<b>Land use</b>	<b>Context no. [...]</b>	<b>Sex</b>	<b>Age</b>	<b>Isotope</b>	<b>Microbiome &amp; microscopy</b>
1	OA105A	74	male	18–25 years	x	
1	OA105A	805	male	26–35 years	x	
1	OA105A	846	female	26–35 years		
1	OA105A	4501	female	18–25 years		
1	OA105A	5218	male	36–45 years	x	x
1	OA105A	5607	male	26–35 years		
1	OA105A	5695	female	18–25 years	x	
1	OA105A	7740	male	36–45 years	x	
1	OA105C	6085	subadult	12–17 years	x	
2	OA106	128	male	36–45 years		
2	OA106	403	male	26–35 years		
2	OA106	1194	female	18–25 years		
2	OA106	4307	female	26–35 years	x	x
2	OA106	5267	male	18–25 years		
2	OA106	5396	male	26–35 years	x	x
2	OA106	5586	male	36–45 years	x	x
2	OA106	5975	male	36–45 years		
2	OA106	7162	probable male	26–35 years	x	x
2	OA106	7425	male	26–35 years		
2	OA106	7589	male	26–35 years		x

*Table 15 Concordance table of external sampling on attritional sample*

<b>Phase</b>	<b>Land use</b>	<b>Context no. [...]</b>	<b>Sex</b>	<b>Age</b>
1	OA105A	175	female	36–45 years
1	OA105A	272	female	26–35 years
1	OA105A	592	female	36–45 years
1	OA105A	807	female	36–45 years
1	OA105E	1616	female	26–35 years
2	OA106	420	female	18–25 years

*Table 16 Additional female individuals selected for microbiome and microscopy analysis*

Context no. [...]	Total seq	nHuman <sup>a</sup>	% Human DNA	Average frag length <sup>b</sup>	nXY <sup>c</sup>	nY <sup>d</sup>	RY <sup>e</sup>	SE	95% CI <sup>f</sup>	Genetic sex assignment	Osteological sex
175	27,018,328	75,158	0.27%	48.92	1637	12	0.0073	0.0021	0.0032-0.0115	XX	female
272	22,342,098	49,259	0.22%	42.35	857	13	0.0152	0.0042	0.007-0.0234	Consistent with XX but not XY	female
420	19,347,516	160,323	0.81%	55.13	4694	39	0.0083	0.0013	0.0057-0.0109	XX	female
592	26,395,052	17,578	0.07%	33.89	199	5	0.0251	0.0111	0.0034-0.0469	consistent with XX but not XY	female
807	22,730,308	50,011	0.21%	44.54	888	10	0.0113	0.0035	0.0043-0.0182	consistent with XX but not XY	female
1616	27,497,268	42,236	0.15%	40.09	571	4	0.0070	0.0035	0.0002-0.0138	XX	female
4307	22,416,110	42,451	0.18%	49.47	869	20	0.0230	0.0051	0.013-0.033	consistent with XX but not XY	female
5218	19,438,416	76,563	0.38%	52.42	1057	73	0.0691	0.0078	0.0538-0.0843	consistent with XY but not XX	male
5396	10,940,634	44,252	0.40%	59.29	802	65	0.0810	0.0096	0.0622-0.0999	consistent with XY but not XX	male
5586	19,703,522	20,323	0.10%	45.65	220	12	0.0545	0.0153	0.0245-0.0846	consistent with XY but not XX	male
5586	15,364,096	529,758	2.70%	57.30	385	37	0.0961	0.0150	0.0667-0.1255	consistent with XY but not XX	male
7162	29,383,682	58,187	0.19%	36.78	513	25	0.0487	0.0095	0.0301-0.0674	Not Assigned	?male
7589	24,186,578	47,311	0.19%	37.37	473	16	0.0338	0.0083	0.0175-0.0501	Not Assigned	male
7982	16,630,991	21,592	0.13%	28.80	136	2	0.0147	0.0103	-0.0404	consistent with XX but not XY	female
8097	7,304,884	6,333	0.09%	56.98	102	10	0.0980	0.0294	0.0403-0.1557	consistent with XY but not XX	?male
8103	22,502,720	54,057	0.24%	52.48	1293	18	0.0139	0.0033	0.0075-0.0203	consistent with XX but not XY	female
8105	23,351,036	57,091	0.24%	42.61	569	42	0.0738	0.0110	0.0523-0.0953	consistent with XY but not XX	?male
8147	4,842,098	19,272	0.36%	52.50	262	18	0.0687	0.0156	0.0381-0.0993	consistent with XY but not XX	male
8147	5,256,328	20,121	0.35%	59.06	348	29	0.0833	0.0148	0.0543-0.1124	consistent with XY but not XX	male
8198	21,348,412	81,338	0.37%	54.89	1404	134	0.0954	0.0078	0.0801-0.1108	XY	?male
8204	24,887,268	21,731	0.08%	35.70	225	8	0.0356	0.0123	0.0114-0.0598	consistent with XX but not XY	?male
8223	21,938,510	37,390	0.17%	45.02	675	9	0.0133	0.0044	0.0047-0.022	consistent with XX but not XY	female

Table 17 Human DNA recovered from the dental calculus and bone samples and corresponding genetic and osteological sex identification (<sup>a</sup> number of sequences aligning to the human genome; <sup>b</sup> average fragment length of human DNA sequences; <sup>c</sup> number of alignments to both sex chromosomes; <sup>d</sup> number of alignments to the Y chromosome; <sup>e</sup> Ratio of Y chromosome alignments where  $R_Y = (n_Y / (n_X + n_Y))$ ; <sup>f</sup> 95% confidence interval computed by normal approximation as  $R_Y \pm 1.96 \times R_{YX} (1 - R_Y) / (n_X + n_Y)$ )

NB this table is Table 1.4 in the specialist report

Context no. [...]	Lab code	Species name	Common name	Number of sequences
175	XSM1	no dietary sequences identified		-
272	XSM2	Triticum aestivum	bread wheat	7
		Aegilops tauschii (likely Triticum sp)	cereal species	1
				-
420	XSM3	Bos taurus	cow	1
		Sus scrofa	pig/boar	1
		Triticum aestivum	bread wheat	10
592	XSM4	Aegilops tauschii	cereal species	4
		(likely Triticum sp)		-
		Triticum aestivum	bread wheat	69
		Triticum monococcum	einkorn wheat	3
807	XSM5	no dietary sequences identified		-
1616	XSM13	Vitis vinifera	grape	2
		Faboideae	legume	1
4307	XSM6	Bos taurus	cow	1
		Gallus gallus	chicken	1
		Allium cepa	onion	1
		Triticum aestivum	bread wheat	2
5218	XSM7	Triticum aestivum	bread wheat	2
5396	XSM8	Artemisia sp	herbaceous plant	1
		Rosmarinus officinalis	rosemary	1
		Triticum aestivum	bread wheat	1
5586	XSM9	Bos taurus	cow	1
		Triticum aestivum	bread wheat	2
		no dietary sequences identified		-
7162	XSM14	Triticum aestivum	bread wheat	1
7589	XSM15	Brassicaceae	cruciferous vegetable	1
7982	XSM10	Triticum sp.	wheat	1
		Sus scrofa	pig/boar	1
8097	XSM16	Bos taurus	cow	1
8103	XSM11		wheat and barley family	1
		Triticeae		
		Allium cepa	onion	1
8105	XSM17	Triticum aestivum	bread wheat	2
8147	XSM18	Cucurbitaceae sp	gourd/squash/melon	1
		Triticum aestivum	bread wheat	1
		no dietary sequences identified		-
8198	XSM19	Anser sp	goose	1
		Petroselinum crispum	parsley	1
		Triticum aestivum	bread wheat	3
8204	XSM20	Sus scrofa	pig/boar	3
		Brassica sp	cruciferous vegetable	1

*The New Churchyard (XSM10): osteological data tables*

		Triticum aestivum	bread wheat	8
8223	XSM12	no dietary sequences identified		-

*Table 18 Dietary DNA sequences identified in the dental calculus samples*

NB this table is Table 1.5 in the specialist report



Context no. [...]	Triticeae st	Fabaeae st	Aveneae st	Boraginaceae pl	Malva sp. pl	Betula sp. pl	Rosaceae pl	Artemisia sp. pl	cf. Linum/Cannabis sp. fb	Microcharcoal	Lepidoptera sc	Insect/Arcnida frg	Ovis sp. fb	Galliformes fbr	Silk? Fb	Soot	Mineral grit	Undiagnostic pl tis	Unidentified	Total
175	2	16	2							86		1	1			xx	x	x	x	108
272	2	14	17				2			3		1		1		x	x	x	x	40
420	9	14	17				1			6	2	1				x	x	x	x	50
592	6	11	8						1	4				1		x	x	x	x	31
807	12	9	12			1				4	1					x	xx	x	x	39
1616	13	3	3						23	2						x	x	x	x	44
4307	22	13	4		1					8	1		1			x	x	x	x	50
5218	5	6	12			1				21			1			xx	x	x	x	46
5396	4	14	12	11						23	1	1		1		x	x	x	xx	67
5586	11	13	12			1		4		1	1					x	x	x	x	43
7162	21	8	5		7					2	1					x	x	x	x	44
7589	4	8	11	4					1	2	1			1		xx	x	x	x	32
7982	6	21	4	10		3			1	3		1				x	xxx	x	x	49
8097	13	3	12							2	1					x	xxx	x	x	31
8103	12	12	13			7	1			23			1			x	x	x	x	69
8105	2	15	6			1				2						x	x	x	xx	26
8147	6	2	12			1				25				1	2	x	x	x	x	49
8198	5	1	4					1		11			13			x	x	x	x	35
8204	12	8	9				3			1		1				x	x	xx	x	34
8223	3	12	16							25	1					x	x	x	x	57

Table 19 Results of microscopic analysis of dental calculus samples (st = starch, pl = pollen, fb = fibre, fbr = feather barbule, x = low concentration, xx = moderate concentration, xxx = high concentration)

NB this table is Table 3.1 in the specialist report

NEOPLASTIC DISEASE

Age	Subadult			Male			Female			Adult			All		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	0	0	-	0	0	-	0	0	-	23	0	-
1-6 months	11	0	-	0	0	-	0	0	-	0	0	-	11	0	-
7-11 months	1	0	-	0	0	-	0	0	-	0	0	-	1	0	-
1-5 years	40	0	-	0	0	-	0	0	-	0	0	-	40	0	-
6-11 years	51	2	3.9	0	0	-	0	0	-	0	0	-	51	2	3.9
12-17 years	53	1	1.9	0	0	-	0	0	-	0	0	-	53	1	1.9
18-25 years	0	0	-	70	5	7.1	54	2	3.7	126	7	5.6	126	7	5.6
26-35 years	0	0	-	78	2	2.6	73	4	5.5	153	7	4.6	153	7	4.6
36-45 years	0	0	-	86	4	4.7	45	1	2.2	132	5	3.8	132	5	3.8
≥46	0	0	-	39	2	5.1	27	2	7.4	66	4	6.1	66	4	6.1
Adult	0	0	-	10	1	10.0	11	0	-	26	1	3.8	26	1	3.8
<b>Total</b>	<b>179</b>	<b>3</b>	<b>1.7</b>	<b>283</b>	<b>14</b>	<b>4.9</b>	<b>210</b>	<b>9</b>	<b>4.3</b>	<b>503</b>	<b>24</b>	<b>4.8</b>	<b>682</b>	<b>27</b>	<b>4.0</b>

Table 20 Crude prevalence of neoplastic disease for category A burials

Age	Male		
	No. of individuals	No. affected	%
18-25 years	11	1	9.1
26-35 years	16	3	18.8
36-45 years	13	1	7.7
≥46 years	10	1	10.0
Adult	4	0	-
<b>Total</b>	<b>54</b>	<b>6</b>	<b>11.1</b>

Table 21 Crude prevalence of neoplastic disease for category B burials

Neoplastic pathology	Subadult			Male			Female			Adult			All		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Osteoma (incl button osteoma)	179	0	-	283	6	2.1	210	5	2.4	503	12	2.4	683	12	1.8
Osteoid osteoma		0	-		2	0.7		0	-		2	0.4		2	0.3
Osteochondroma		1	0.6		2	0.7		0	-		2	0.4		3	0.4
Meningioma		1	0.6		0	-		0	-		0	-		1	0.1
Bone cyst		1	0.6		4	1.4		2	1.0		6	1.2		7	1.0
Metastatic carcinoma (osteoblastic)		0	-		0	-		1	0.5		0	-		1	0.1
General		0	-		0	0		1	0.5		0	0		1	0.1

Table 22 Neoplastic disease present in category A burials

*The New Churchyard (XSM10): osteological data tables*

	<b>No. of individuals</b>	<b>No. affected</b>	<b>%</b>
All adults	503	12	4.2
Male	283	6	5.3
Female	210	5	2.4
All individuals	682	12	3.3

*Table 23 Crude prevalence of osteomas in category A burials*

	<b>No. of individuals</b>	<b>No. affected</b>	<b>%</b>
Subadults	179	1	0.6
All adults	503	6	1.2
Male	283	4	1.4
Female	210	2	1
All individuals	682	7	1

*Table 24 Crude prevalence of bone cysts in category A burials*

INFECTIOUS DISEASE

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	1	4.3	0	0	-	0	0	-	-	0	-	23	1	4.3
1-6 months	11	0	-	0	0	-	0	0	-	-	0	-	11	0	-
7-11 months	1	0	-	0	0	-	0	0	-	-	0	-	1	0	-
1-5 years	40	1	2.5	0	0	-	0	0	-	-	0	-	40	1	2.5
6-11 years	51	13	25.5	0	0	-	0	0	-	-	0	-	51	13	25.5
12-17 years	53	10	18.9	0	0	-	0	0	-	-	0	-	53	10	18.9
18-25 years	0	0	-	70	15	21.4	54	16	29.6	126	31	24.6	126	31	24.6
26-35 years	0	0	-	78	24	30.8	73	22	30.1	153	47	30.7	153	47	30.7
36-45 years	0	0	-	86	27	31.4	45	8	17.8	132	35	26.5	132	35	26.5
≥46 years	0	0	-	39	14	35.9	27	5	18.5	66	19	28.8	66	19	28.8
Adult	0	0	-	10	2	20.0	11	5	45.5	26	8	30.8	26	8	30.8
<b>Total</b>	<b>179</b>	<b>19</b>	<b>10.6</b>	<b>283</b>	<b>82</b>	<b>29.0</b>	<b>210</b>	<b>56</b>	<b>26.7</b>	<b>503</b>	<b>131</b>	<b>26.0</b>	<b>682</b>	<b>165</b>	<b>24.2</b>

Table 25 Crude prevalence of infectious disease for category A burials

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	4	0	-	0	-	-	-	-	-	-	-	-	4	0	-
1-6 months	0	0	-	0	-	-	-	-	-	-	-	-	0	0	-
7-11 months	0	0	-	0	-	-	-	-	-	-	-	-	0	0	-
1-5 years	12	0	-	0	-	-	-	-	-	-	-	-	12	0	-
6-11 years	6	0	-	0	-	-	-	-	-	-	-	-	6	0	-
12-17 years	13	6	46.2	0	-	-	-	-	-	-	-	-	13	6	46.2
18-25 years	0	0	-	11	3	27.3	15	3	20.0	27	6	22.2	27	6	22.2
26-35 years	0	0	-	16	4	25.0	8	1	12.5	24	5	20.8	24	5	20.8
36-45 years	0	0	-	13	8	61.5	3	0	-	16	8	50.0	16	8	50.0
≥46 years	0	0	-	10	5	50.0	5	2	40.0	16	7	43.8	16	7	43.8
Adult	0	0	-	4	2	50.0	1	0	-	19	7	36.8	19	7	36.8
<b>Total</b>	<b>35</b>	<b>6</b>	<b>17.1</b>	<b>54</b>	<b>22</b>	<b>40.7</b>	<b>32</b>	<b>6</b>	<b>18.8</b>	<b>102</b>	<b>33</b>	<b>32.4</b>	<b>137</b>	<b>39</b>	<b>28.5</b>

Table 26 Crude prevalence of infectious disease for category B burials

Type	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
	179			283			210			503			682		
Non-specific infection (general)		19	10.6		77	27.2		52	24.8		131	26.0		150	22.0
Non-specific periostitis		18	10.1		69	24.4		49	23.3		120	23.9		138	20.2
Non-specific osteomyelitis		1	0.6		3	1.1		1	0.5		4	0.8		5	0.7
Non-specific osteitis		0	-		4	1.4		1	0.5		5	1.0		5	0.7
Tuberculosis		5	2.8		2	0.7		2	1.0		4	0.8		7	1.0
Treponemal disease		0	-		3	1.1		2	1.0		2	0.4		5	0.7

Table 27 Crude prevalence of infectious disease types for category A burials

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
<b>Phase 1</b>															
Perinatal	6	0	-	0	0	-	0	0	-	0	0	-	6	0	-
1-6 months	3	0	-	0	0	-	0	0	-	0	0	-	3	0	-
7-11 months	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
1-5 years	19	0	-	0	0	-	0	0	-	0	0	-	19	0	-
6-11 years	37	11	29.7	0	0	-	0	0	-	0	0	-	37	11	29.7
12-17 years	34	9	26.5	0	0	-	0	0	-	0	0	-	34	9	26.5
18-25 years	0	0	-	42	12	28.6	28	8	28.6	71	20	28.2	71	20	28.2
26-35 years	0	0	-	39	10	25.6	34	11	32.4	75	22	29.3	75	22	29.3
36-45 years	0	0	-	49	22	44.9	27	5	18.5	77	27	35.1	77	27	35.1
≥46 years	0	0	-	15	7	46.7	16	3	18.8	31	10	32.3	31	10	32.3
Adult	0	0	-	4	2	50.0	8	3	37.5	15	10	66.7	15	10	66.7
<b>Total</b>	<b>99</b>	<b>20</b>	<b>20.2</b>	<b>149</b>	<b>53</b>	<b>35.6</b>	<b>113</b>	<b>30</b>	<b>26.5</b>	<b>269</b>	<b>89</b>	<b>33.1</b>	<b>368</b>	<b>109</b>	<b>29.6</b>
<b>Phase 2</b>															
Perinatal	17	1	5.9	0	0	-	0	0	-	0	0	-	17	1	5.9
1-6 months	8	0	-	0	0	-	0	0	-	0	0	-	8	0	-
7-11 months	1	0	-	0	0	-	0	0	-	0	0	-	1	0	-
1-5 years	21	1	4.8	0	0	-	0	0	-	0	0	-	21	1	4.8
6-11 years	14	2	14.3	0	0	-	0	0	-	0	0	-	14	2	14.3
12-17 years	19	7	36.8	0	0	-	0	0	-	0	0	-	19	7	36.8
18-25 years	0	0	-	28	6	21.4	26	11	42.3	55	17	30.9	55	17	30.9
26-35 years	0	0	-	39	18	46.2	39	12	30.8	78	30	38.5	78	30	38.5
36-45 years	0	0	-	37	13	35.1	18	3	16.7	55	16	29.1	55	16	29.1
≥46 years	0	0	-	24	12	50.0	11	4	36.4	35	16	45.7	35	16	45.7
Adult	0	0	-	6	2	33.3	3	2	66.7	11	5	45.5	11	5	45.5
<b>Total</b>	<b>80</b>	<b>11</b>	<b>13.8</b>	<b>134</b>	<b>51</b>	<b>38.1</b>	<b>97</b>	<b>32</b>	<b>33.0</b>	<b>234</b>	<b>84</b>	<b>35.9</b>	<b>314</b>	<b>95</b>	<b>30.3</b>

Table 28 Comparison of infectious disease (excluding Yersinia pestis) crude prevalence between phase 1 and phase 2

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	-	-	-	-	-	-	-	-	-	23	0	-
1–6 months	11	0	-	-	-	-	-	-	-	-	-	-	11	0	-
7–11 months	1	0	-	-	-	-	-	-	-	-	-	-	1	0	-
1–5 years	40	1	2.5	-	-	-	-	-	-	-	-	-	40	1	2.5
6–11 years	51	11	21.6	-	-	-	-	-	-	-	-	-	51	11	21.6
12–17 years	53	7	13.2	-	-	-	-	-	-	-	-	-	53	7	13.2
18–25 years	0	0	-	70	15	21.4	54	15	27.8	126	30	23.8	126	30	23.8
26–35 years	0	0	-	78	23	29.5	73	20	27.4	153	44	28.8	153	44	28.8
36–45 years	0	0	-	86	24	27.9	45	8	17.8	132	32	24.2	132	32	24.2
≥46 years	0	0	-	39	13	33.3	27	4	14.8	66	17	25.8	66	17	25.8
Adult	0	0	-	10	2	20.0	11	5	45.5	26	8	30.8	26	8	30.8
<b>Total</b>	<b>179</b>	<b>19</b>	<b>10.6</b>	<b>283</b>	<b>77</b>	<b>27.2</b>	<b>210</b>	<b>52</b>	<b>24.8</b>	<b>503</b>	<b>131</b>	<b>26.0</b>	<b>682</b>	<b>150</b>	<b>22.0</b>

Table 29 Crude prevalence of non-specific infectious disease for category A burials

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	4	0	-	-	-	-	-	-	-	-	-	-	4	0	-
1–6 months	0	0	-	-	-	-	-	-	-	-	-	-	0	0	-
7–11 months	0	0	-	-	-	-	-	-	-	-	-	-	0	0	-
1–5 years	12	0	-	-	-	-	-	-	-	-	-	-	0	0	-
6–11 years	6	0	-	-	-	-	-	-	-	-	-	-	6	0	-
12–17 years	13	4	30.8	-	-	-	-	-	-	-	-	-	13	4	30.8
18–25 years	0	0	-	11	1	9.1	15	2	13.3	27	3	11.1	27	3	11.1
26–35 years	0	0	-	16	3	18.8	8	0	-	24	3	12.5	24	3	12.5
36–45 years	0	0	-	13	6	46.2	3	0	-	16	6	37.5	16	6	37.5
≥46 years	0	0	-	10	4	40.0	5	1	20.0	16	5	31.3	16	5	31.3
Adult	0	0	-	4	1	25.0	1	0	-	19	4	21.1	19	4	21.1
<b>Total</b>	<b>35</b>	<b>4</b>	<b>11.4</b>	<b>54</b>	<b>15</b>	<b>27.8</b>	<b>32</b>	<b>3</b>	<b>9.4</b>	<b>102</b>	<b>25</b>	<b>24.5</b>	<b>137</b>	<b>25</b>	<b>18.2</b>

Table 30 Crude prevalence of non-specific infectious disease for category B burials



Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	0	0	-	0	0	-	0	0	-	23	0	-
1–6 months	11	0	-	0	0	-	0	0	-	0	0	-	11	0	-
7–11 months	1	0	-	0	0	-	0	0	-	0	0	-	1	0	-
1–5 years	40	1	2.5	0	0	-	0	0	-	0	0	-	40	1	2.5
6–11 years	51	10	19.6	0	0	-	0	0	-	0	0	-	51	10	19.6
12–17 years	53	7	13.2	0	0	-	0	0	-	0	0	-	53	7	13.2
18–25 years	0	0	-	70	14	20.0	54	14	25.9	126	28	22.2	126	28	22.2
26–35 years	0	0	-	78	20	23.1	73	18	24.7	153	39	25.5	153	39	25.5
36–45 years	0	0	-	86	21	9.3	45	8	17.8	132	29	22.0	132	29	22.0
≥46 years	0	0	-	39	12	10.3	27	4	14.8	66	16	24.2	66	16	24.2
Adult	0	0	-	10	2	50.0	11	5	45.5	26	8	30.8	26	8	30.8
<b>Total</b>	<b>179</b>	<b>18</b>	<b>10.1</b>	<b>283</b>	<b>69</b>	<b>17.3</b>	<b>210</b>	<b>49</b>	<b>23.3</b>	<b>503</b>	<b>120</b>	<b>23.9</b>	<b>682</b>	<b>138</b>	<b>20.2</b>

Table 31 Crude prevalence of non-specific periosteal lesions for category A burials

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	4	0	-	0	0	-	0	0	-	0	0	-	4	0	-
1–6 months	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
7–11 months	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
1–5 years	12	0	-	0	0	-	0	0	-	0	0	-	12	0	-
6–11 years	6	0	-	0	0	-	0	0	-	0	0	-	6	0	-
12–17 years	13	1	7.7	0	0	-	0	0	-	0	0	-	13	2	15.4
18–25 years	0	0	-	11	1	9.1	15	2	13.3	27	3	11.1	27	3	11.1
26–35 years	0	0	-	16	3	18.8	8	0	-	24	3	12.5	24	3	12.5
36–45 years	0	0	-	13	6	46.2	3	0	-	16	6	37.5	16	6	37.5
≥46 years	0	0	-	10	4	40.0	5	1	20.0	16	5	31.3	16	5	31.3
Adult	0	0	-	4	1	25.0	1	0	-	19	1	5.3	19	1	5.3
<b>Total</b>	<b>35</b>	<b>1</b>	<b>2.9</b>	<b>54</b>	<b>15</b>	<b>27.8</b>	<b>32</b>	<b>3</b>	<b>9.4</b>	<b>102</b>	<b>20</b>	<b>19.6</b>	<b>137</b>	<b>20</b>	<b>14.6</b>

Table 32 Crude prevalence of non-specific periosteal lesions for category B burials

Bone		Subadult			Male			Female			Adult			Total		
		No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
Frontal	right	141	1	0.7	206	2	1.0	149	0	-	366	2	0.5	504	3	0.6
	left	142	0	-	205	2	1.0	148	0	-	362	2	0.6	501	2	0.4
	total	283	1	0.4	411	4	1.0	297	0	-	772	4	0.5	1005	5	0.5
Parietal	right	148	1	0.7	211	1	0.5	153	0	-	371	2	0.5	519	2	0.4
	left	144	0	-	209	1	0.5	154	0	-	370	1	0.3	514	1	0.2
	total	292	1	0.3	420	2	0.5	307	0	-	741	3	0.4	1033	3	0.3
Maxilla	right	115	4	3.5	182	10	5.5	116	7	6.0	303	17	5.6	418	21	5.0
	left	115	5	4.3	191	11	5.8	116	6	5.2	311	17	5.5	426	22	5.2
	total	230	9	3.9	373	21	5.6	232	13	5.6	614	34	5.5	844	43	5.1
Supraoccipital	total	127	0	-	202	2	1.0	141	0	-	349	2	0.6	476	2	0.4
	right	140	0	-	209	1	0.5	150	0	-	367	1	0.3	507	2	0.4
	left	145	1	0.7	206	0	-	150	0	-	363	0	-	508	1	0.2
Petrous temporal	total	285	1	0.4	415	1	0.2	300	0	-	730	0	-	1015	3	0.3
	right	131	0	-	209	0	-	146	0	-	363	1	0.3	494	1	0.2
	left	137	1	0.7	207	0	-	145	0	-	359	0	-	496	1	0.2
Squamous temporal	total	268	1	0.4	416	0	-	291	0	-	722	0	-	990	2	0.2
	right	96	0	-	160	1	0.6	109	1	0.9	274	2	0.7	370	2	0.5
	left	100	0	-	170	0	-	110	1	0.9	286	1	0.3	386	1	0.3
Zygomatic	total	196	0	-	330	1	0.3	219	2	0.9	560	3	0.5	756	3	0.4
	right	152	2	1.3	214	4	1.9	163	0	-	385	4	1.0	537	6	1.1
	left	148	0	-	214	0	-	163	1	0.6	384	1	0.3	532	1	0.2
Mandible	total	300	2	0.7	428	4	0.9	362	1	0.3	769	5	0.7	1069	7	0.7

Table 33 True prevalence of cranial non-specific periosteal lesions for category A burials

Bone		Subadult			Male			Female			Adult			Total		
		No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
Clavicle	right	130	0	-	216	1	0.5	86	0	-	175	1	0.6	210	1	0.5
	left	132	0	-	233	1	0.4	88	0	-	173	1	0.6	207	1	0.5
	total	262	0	-	449	2	0.4	174	0	-	348	2	0.6	417	2	0.5
Humerus	right	150	1	0.7	235	0	-	104	1	1.0	215	2	0.9	256	2	0.8
	left	174	1	0.6	238	1	0.4	101	1	1.0	211	3	1.4	248	3	1.2
	total	297	2	0.7	473	1	0.2	205	2	1.0	426	5	1.2	504	5	1.0
Radius	right	141	0	-	242	2	0.8	92	1	1.1	192	3	1.6	225	3	1.3
	left	136	0	-	237	2	0.8	95	0	-	196	2	1.0	223	2	0.9
	total	277	0	-	479	4	0.8	187	1	0.5	388	5	1.3	448	5	1.1
Ulna	right	140	0	-	242	3	1.2	96	1	1.0	200	4	2.0	233	4	1.7
	left	140	0	-	244	2	0.8	94	0	-	202	2	1.0	228	2	0.9
	total	280	0	-	486	5	1.0	190	1	0.5	402	6	1.5	463	6	1.3
Femur	right	153	1	0.7	257	12	4.7	106	4	3.8	218	16	7.3	266	17	6.4
	left	159	2	1.3	258	13	5.0	105	6	5.7	217	19	8.8	262	21	8.0
	total	312	3	1.0	515	25	4.9	211	10	4.7	435	35	8.0	528	38	7.2
Tibia	right	130	9	6.9	107	33	30.8	158	24	15.2	381	59	15.5	511	68	13.3
	left	123	7	5.7	222	35	15.8	161	33	20.5	392	70	17.9	515	77	15.0
	total	253	16	6.3	329	68	20.7	319	57	17.9	773	129	16.7	1026	145	14.1
Fibula	right	123	3	2.4	190	13	6.8	143	6	4.2	342	21	6.1	465	24	5.2
	left	120	4	3.3	205	11	5.4	140	6	4.3	353	19	5.4	473	23	4.9
	total	243	7	2.9	395	24	6.1	283	12	4.2	695	40	5.8	938	47	5.0

Table 34 True prevalence of long bone non-specific periosteal lesions for category A burials

Bone		Subadult			Male			Female			Adult			Total		
		No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
R scapula	right total	143	0	-	225	3	1.3	165	0	-	398	3	0.8	541	3	0.6
	R glenoid	142	0	-	220	0	-	158	0	-	158	0	-	527	0	-
	R coracoid	44	0	-	179	0	-	122	0	-	306	0	-	350	0	-
	R acromion	109	0	-	199	0	-	146	0	-	351	0	-	460	0	-
	R blade	141	0	-	223	3	1.3	164	0	-	393	3	0.8	534	3	0.6
L scapula	left total	137	0	-	226	1	0.4	156	0	-	388	1	0.3	525	1	0.2
	L glenoid	142	0	-	223	0	-	155	0	-	382	0	-	524	0	-
	L coracoid	44	0	-	182	0	-	132	0	-	318	0	-	362	0	-
	L acromion	109	0	-	207	0	-	133	0	-	346	0	-	455	0	-
	L blade	133	0	-	225	1	0.4	159	0	-	390	1	0.3	523	1	0.2
Ilium	right	155	1	0.6	264	1	0.4	189	0	-	463	1	0.2	618	2	0.3
	left	151	1	0.7	266	0	-	190	0	-	464	0	-	615	1	0.2
R foot	talus	66	0	-	172	0	-	108	0	-	287	0	-	353	0	-
	calcaneus	75	0	-	168	0	-	122	0	-	296	0	-	371	0	-
	navicular	47	0	-	135	0	-	91	0	-	232	0	-	279	0	-
	cuboid	43	0	-	133	0	-	84	0	-	223	0	-	266	0	-
	medial cuneiform	37	0	-	135	0	-	83	0	-	221	0	-	258	0	-
	intermedial cuneiform	27	0	-	104	0	-	53	0	-	162	0	-	189	0	-
	lateral cuneiform	25	0	-	95	0	-	57	0	-	156	0	-	181	0	-
	mt1	67	0	-	162	1	0.6	115	0	-	284	1	0.4	351	1	0.3
	mt2	67	0	-	163	0	-	110	0	-	280	0	-	347	0	-
	mt3	68	0	-	158	0	-	114	0	-	280	0	-	348	0	-
	mt4	62	0	-	155	2	1.3	118	0	-	280	2	0.7	342	2	
	mt5	53	1	1.9	148	2	1.4	107	0	-	261	2	0.8	314	2	

	P prox phalanges	76	0	-	426	1	0.2	308	0	-	752	1	0.1	828	1	0.1
	P int phalanges	8	0	-	91	0	-	33	0	-	124	0	-	132	0	-
	P dist phalanges	13	0	-	105	0	-	47	0	-	153	0	-	166	0	-

*Table 35 True prevalence for appendages and other bones non-specific periosteal lesions for category A burials*

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	0	0	-	0	0	-	0	0	-	23	0	-
1–6 months	11	0	-	0	0	-	0	0	-	0	0	-	11	0	-
7–11 months	1	0	-	0	0	-	0	0	-	0	0	-	1	0	-
1–5 years	40	0	-	0	0	-	0	0	-	0	0	-	40	0	-
6–11 years	51	2	3.9	0	0	-	0	0	-	0	0	-	51	0	-
12–17 years	53	0	-	0	0	-	0	0	-	0	0	-	53	2	3.8
18–25 years	0	0	-	70	2	2.9	54	3	5.6	126	5	4.0	126	5	4.0
26–35 years	0	0	-	78	3	3.8	73	4	5.5	153	7	4.6	153	7	4.6
36–45 years	0	0	-	86	3	3.5	45	1	2.2	132	4	3.0	132	4	3.0
≥46 years	0	0	-	39	1	2.6	27	0	-	66	1	1.5	66	1	1.5
Adult	0	0	-	10	0	-	11	1	9.1	26	1	3.8	26	1	3.8
<b>Total</b>	<b>179</b>	<b>2</b>	<b>1.1</b>	<b>283</b>	<b>9</b>	<b>3.2</b>	<b>210</b>	<b>9</b>	<b>4.3</b>	<b>503</b>	<b>18</b>	<b>3.6</b>	<b>682</b>	<b>20</b>	<b>2.9</b>

Table 36 Crude prevalence of maxillary sinusitis for category A burials

Bone		Subadult			Male			Female			Adult			Total		
		No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
Maxilla	right	115	0	-	182	6	3.3	116	7	6.0	303	14	4.6	418	14	3.3
	left	115	0	-	191	6	3.1	116	6	5.2	311	14	4.5	426	14	3.3
	total	230	0	-	373	12	3.2	232	13	5.6	614	28	4.6	844	28	3.3

Table 37 True prevalence of maxillary sinusitis for category A burials

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	0	0	-	-	-	-	-	-	-	23	0	-
1–6 months	11	0	-	0	0	-	-	-	-	-	-	-	11	0	-
7–11 months	1	0	-	0	0	-	-	-	-	-	-	-	1	0	-
1–5 years	40	1	2.5	0	0	-	-	-	-	-	-	-	40	1	2.5
6–11 years	51	2	3.9	0	0	-	-	-	-	-	-	-	51	0	-
12–17 years	53	0	-	0	0	-	-	-	-	-	-	-	53	2	3.8
18–25 years	0	0	-	70	3	4.3	54	1	1.9	126	4	3.2	126	4	3.2
26–35 years	0	0	-	78	5	6.4	73	3	4.1	153	8	5.2	153	8	5.2
36–45 years	0	0	-	86	4	4.7	45	1	2.2	132	5	3.8	132	5	3.8
≥46 years	0	0	-	39	0	-	27	2	7.4	66	2	3.0	66	2	3.0
Adult	0	0	-	10	0	-	11	1	9.1	26	1	3.8	26	1	3.8
<b>Total</b>	<b>179</b>	<b>3</b>	<b>1.7</b>	<b>283</b>	<b>12</b>	<b>4.2</b>	<b>210</b>	<b>8</b>	<b>3.8</b>	<b>503</b>	<b>20</b>	<b>4.0</b>	<b>682</b>	<b>23</b>	<b>3.4</b>

Table 38 Crude prevalence of rib lesions for category A burials

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	4	0	-	0	0	-	0	0	-	0	0	-	4	0	-
1–6 months	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
7–11 months	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
1–5 years	12	0	-	0	0	-	0	0	-	0	0	-	12	0	-
6–11 years	6	0	-	0	0	-	0	0	-	0	0	-	6	0	-
12–17 years	13	1	7.7	0	0	-	0	0	-	0	0	-	13	1	7.7
18–25 years	0	0	-	11	0	-	15	0	-	27	0	-	27	0	-
26–35 years	0	0	-	16	0	-	8	1	12.5	24	1	4.2	24	1	4.2
36–45 years	0	0	-	13	1	7.7	3	0	-	16	1	6.3	16	1	6.3
≥46 years	0	0	-	10	1	10.0	5	0	-	16	1	6.3	16	1	6.3
Adult	0	0	-	4	0	-	1	0	-	19	0	-	19	0	-
<b>Total</b>	<b>35</b>	<b>1</b>	<b>2.9</b>	<b>54</b>	<b>2</b>	<b>3.7</b>	<b>32</b>	<b>1</b>	<b>3.1</b>	<b>102</b>	<b>3</b>	<b>2.9</b>	<b>137</b>	<b>4</b>	<b>2.9</b>

Table 39 Crude prevalence of rib lesions for category B burials

Bone		Subadult			Male			Female			Adult			Total		
		No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
Ribs	right	1438	0	-	2249	12	0.5	1576	7	0.4	3882	19	0.5	5320	19	0.4
	left	1396	1	0.1	2232	13	0.6	1481	24	1.6	3767	37	1.0	5163	38	0.7
	unsided	0	0	-	3	0	-	1	0	-	4	0	-	4	0	-

Table 40 True prevalence of rib lesions for category A burials



Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
<b>Phase 1</b>															
Perinatal	6	0	-	0	0	-	0	0	-	0	0	-	6	0	-
1-6 months	3	0	-	0	0	-	0	0	-	0	0	-	3	0	-
7-11 months	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
1-5 years	19	0	-	0	0	-	0	0	-	0	0	-	19	0	-
6-11 years	37	0	-	0	0	-	0	0	-	0	0	-	37	0	-
12-17 years	34	1	2.9	0	0	-	0	0	-	0	0	-	34	1	2.9
18-25 years	0	0	-	42	2	4.8	28	0	-	71	2	2.8	71	2	2.8
26-35 years	0	0	-	39	3	7.7	34	2	5.9	75	5	6.7	75	5	6.7
36-45 years	0	0	-	49	2	4.1	27	1	3.7	77	3	3.9	77	3	3.9
≥46 years	0	0	-	15	0	-	16	0	-	31	0	-	31	0	-
Adult	0	0	-	4	0	-	8	0	-	15	0	-	15	0	-
<b>Total</b>	<b>99</b>	<b>1</b>	<b>1.0</b>	<b>149</b>	<b>7</b>	<b>4.7</b>	<b>113</b>	<b>3</b>	<b>2.7</b>	<b>269</b>	<b>10</b>	<b>3.7</b>	<b>368</b>	<b>11</b>	<b>3.0</b>
<b>Phase 2</b>															
Perinatal	17	0	-	0	0	-	0		-	0	0	-	17	0	-
1-6 months	8	0	-	0	0	-	0		-	0	0	-	8	0	-
7-11 months	1	0	-	0	0	-	0		-	0	0	-	1	0	-
1-5 years	21	1	4.8	0	0	-	0		-	0	0	-	21	1	4.8
6-11 years	14	0	-	0	0	-	0		-	0	0	-	14	0	-
12-17 years	19	2	10.5	0	0	-	0		-	0	0	-	19	2	10.5
18-25 years	0	0	-	28	1	3.6	26	1	3.8	55	2	3.6	55	2	3.6
26-35 years	0	0	-	39	2	5.1	39	2	5.1	78	4	5.1	78	4	5.1
36-45 years	0	0	-	37	3	8.1	18	0	-	55	3	5.5	55	3	5.5
≥46 years	0	0	-	24	1	4.2	11	2	18.2	35	3	8.6	35	3	8.6
Adult	0	0	-	6	0	-	3	1	33.3	11	1	9.1	11	1	9.1
<b>Total</b>	<b>80</b>	<b>3</b>	<b>3.8</b>	<b>134</b>	<b>7</b>	<b>5.2</b>	<b>97</b>	<b>6</b>	<b>6.2</b>	<b>234</b>	<b>13</b>	<b>5.6</b>	<b>314</b>	<b>16</b>	<b>5.1</b>

Table 41 Comparison of rib lesion crude prevalence between phase 1 and phase 2

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	0	0	-	0	0	-	0	0	-	23	0	-
1–6 months	11	0	-	0	0	-	0	0	-	0	0	-	11	0	-
7–11 months	1	0	-	0	0	-	0	0	-	0	0	-	1	0	-
1–5 years	40	0	-	0	0	-	0	0	-	0	0	-	40	0	-
6–11 years	51	1	2.0	0	0	-	0	0	-	0	0	-	51	1	2.0
12–17 years	53	0	-	0	0	-	0	0	-	0	0	-	53	0	-
18–25 years	0	0	-	70	0	-	54	1	1.9	126	1	0.8	126	1	0.8
26–35 years	0	0	-	78	0	-	73	0	-	153	0	-	153	0	-
36–45 years	0	0	-	86	2	2.3	45	0	-	132	2	1.5	132	2	1.5
≥46 years	0	0	-	39	1	2.6	27	0	-	66	1	1.5	66	1	1.5
Adult	0	0	-	10	0	-	11	0	-	26	0	-	26	0	-
<b>Total</b>	<b>179</b>	<b>1</b>	<b>0.6</b>	<b>283</b>	<b>3</b>	<b>1.1</b>	<b>210</b>	<b>1</b>	<b>0.5</b>	<b>503</b>	<b>4</b>	<b>0.8</b>	<b>682</b>	<b>5</b>	<b>0.7</b>

Table 42 Crude prevalence of osteomyelitis for category A burials

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	4	0	-	0	0	-	0	0	-	0	0	-	4	0	-
1-6 months	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
7-11 months	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
1-5 years	12	0	-	0	0	-	0	0	-	0	0	-	12	0	-
6-11 years	6	0	-	0	0	-	0	0	-	0	0	-	6	0	-
12-17 years	13	2	15.4	0	0	-	0	0	-	0	0	-	13	2	15.4
18-25 years	0	0	-	11	0	-	15	0	-	0	0	-	27	0	-
26-35 years	0	0	-	16	0	-	8	0	-	0	0	-	24	0	-
36-45 years	0	0	-	13	0	-	3	0	-	0	0	-	16	0	-
≥46 years	0	0	-	10	0	-	5	0	-	0	0	-	16	0	-
Adult	0	0	-	4	0	-	1	0	-	0	0	-	19	0	-
<b>Total</b>	<b>35</b>	<b>2</b>	<b>5.7</b>	<b>54</b>	<b>0</b>	<b>-</b>	<b>32</b>	<b>0</b>	<b>-</b>	<b>102</b>	<b>0</b>	<b>-</b>	<b>137</b>	<b>2</b>	<b>1.5</b>

Table 43 Crude prevalence of osteomyelitis for category B burials

Bone		Subadult			Male			Female			Adult			Total		
		No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
Humerus	right	150	0	-	235	0	-	104	0	-	215	0	-	256	0	-
	left	174	1	0.6	238	0	-	101	0	-	211	0	-	248	1	0.4
	total	297	1	0.3	473	0	-	205	0	-	426	0	-	504	1	0.2
Radius	right	141	0	-	242	0	-	92	0	-	192	0	-	225	0	-
	left	136	1	0.7	237	1	0.4	95	0	-	196	1	0.5	223	2	0.9
	total	277	1	0.4	479	1	0.2	187	0	-	388	1	0.3	448	2	0.4
Ulna	right	140	0	-	242	0	-	96	0	-	200	0	-	233	0	-
	left	140	1	0.7	244	0	-	94	0	-	202	0	-	228	1	0.4
	total	280	1	0.4	486	0	-	190	0	-	402	0	-	463	1	0.2
Femur	right	153	0	-	257	1	0.4	106	0	-	218	1	0.5	266	1	0.4
	left	159	0	-	258	1	0.4	105	1	1.0	217	2	0.9	262	2	0.8
	total	312	0	-	515	2	0.4	211	1	0.5	435	3	0.7	528	3	0.6

Table 44 True prevalence of non-specific osteomyelitis for category A burials

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	0	0	-	0	0	-	0	0	-	23	0	-
1–6 months	11	0	-	0	0	-	0	0	-	0	0	-	11	0	-
7–11 months	1	0	-	0	0	-	0	0	-	0	0	-	1	0	-
1–5 years	40	0	-	0	0	-	0	0	-	0	0	-	40	0	-
6–11 years	51	0	-	0	0	-	0	0	-	0	0	-	51	0	-
12–17 years	53	0	-	0	0	-	0	0	-	0	0	-	53	0	-
18–25 years	0	0	-	70	0	-	54	0	-	126	0	-	126	0	-
26–35 years	0	0	-	78	3	3.8	73	1	1.4	153	4	2.6	153	4	2.6
36–45 years	0	0	-	86	1	1.2	45	0	-	132	1	0.8	132	1	0.8
≥46 years	0	0	-	39	0	-	27	0	-	66	0	-	66	0	-
Adult	0	0	-	10	0	-	11	0	-	26	0	-	26	0	-
<b>Total</b>	<b>179</b>	<b>0</b>	<b>-</b>	<b>283</b>	<b>4</b>	<b>1.4</b>	<b>210</b>	<b>1</b>	<b>0.5</b>	<b>503</b>	<b>5</b>	<b>1.0</b>	<b>682</b>	<b>5</b>	<b>0.7</b>

Table 45 Crude prevalence of osteitis for category A burials

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	4	0	-	0	0	-	0	0	-	0	0	-	4	0	-
1–6 months	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
7–11 months	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
1–5 years	12	0	-	0	0	-	0	0	-	0	0	-	12	0	-
6–11 years	6	0	-	0	0	-	0	0	-	0	0	-	6	0	-
12–17 years	13	0	-	0	0	-	0	0	-	0	0	-	13	0	-
18–25 years	0	0	-	11	0	-	15	0	-	27	0	-	27	0	-
26–35 years	0	0	-	16	0	-	8	0	-	24	0	-	24	0	-
36–45 years	0	0	-	13	0	-	3	0	-	16	0	-	16	0	-
≥46 years	0	0	-	10	0	-	5	0	-	16	0	-	16	0	-
Adult	0	0	-	4	0	-	1	0	-	19	2	10.5	19	2	10.5
<b>Total</b>	<b>35</b>	<b>0</b>	-	<b>54</b>	<b>0</b>	-	<b>32</b>	<b>0</b>	-	<b>102</b>	<b>2</b>	<b>2.0</b>	<b>137</b>	<b>2</b>	<b>1.5</b>

Table 46 Crude prevalence of osteitis for category B burials

Bone		Subadult			Male			Female			Adult			Total		
		No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
Frontal	right	141	0	-	206	0	-	149	1	0.7	366	1	0.3	504	1	0.2
	left	142	0	-	205	0	-	148	1	0.7	362	1	0.3	501	1	0.2
	total	283	0	-	411	0	-	297	2	0.7	772	2	0.3	1005	2	0.2
Parietal	right	148	0	-	211	0	-	153	1	0.7	371	1	0.3	519	1	0.2
	left	144	0	-	209	0	-	154	1	0.6	370	1	0.3	514	1	0.2
	total	292	0	-	420	0	-	307	2	0.7	741	2	0.3	1033	2	0.2
Ribs	right	1438	0	-	2249	0	-	1576	0	-	3882	0	-	5320	0	-
	left	1396	0	-	2232	1	-	1481	0	-	3767	1	-	5163	1	-
	unsided	0	0	-	3	0	-	1	0	-	4	0	-	4	0	-
Tibia	right	130	0	-	107	3	2.8	158	1	0.6	381	4	1.0	511	4	0.8
	left	123	0	-	222	2	0.9	161	1	0.6	392	3	0.8	515	3	0.6
	total	253	0	-	329	5	1.5	319	2	0.6	773	7	0.9	1026	7	0.7
Fibula	right	123	0	-	190	2	1.1	143	0	-	342	2	0.6	465	2	0.4
	left	120	0	-	205	2	1.0	140	0	-	353	2	0.6	473	2	0.4
	total	243	0	-	395	4	1.0	283	0	-	695	4	0.6	938	4	0.4

Table 47 True prevalence of osteitis for category A burials

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	0	0	-	0	0	-	0	0	-	23	0	-
1–6 months	11	0	-	0	0	-	0	0	-	0	0	-	11	0	-
7–11 months	1	0	-	0	0	-	0	0	-	0	0	-	1	0	-
1–5 years	40	0	-	0	0	-	0	0	-	0	0	-	40	0	-
6–11 years	51	1	2.0	0	0	-	0	0	-	0	0	-	51	1	2.0
12–17 years	53	2	3.8	0	0	-	0	0	-	0	0	-	53	2	3.8
18–25 years	0	0	-	70	0	-	54	0	-	126	0	-	126	0	-
26–35 years	0	0	-	78	0	-	73	1	1.4	153	1	0.7	153	1	0.7
36–45 years	0	0	-	86	1	1.2	45	0	-	132	1	0.8	132	1	0.8
≥46 years	0	0	-	39	1	2.6	27	1	3.7	66	2	3.0	66	1	1.5
Adult	0	0	-	10	0	-	11	0	-	26	0	-	26	0	-
<b>Total</b>	<b>179</b>	<b>3</b>	<b>1.7</b>	<b>283</b>	<b>2</b>	<b>0.7</b>	<b>210</b>	<b>2</b>	<b>1.0</b>	<b>503</b>	<b>4</b>	<b>0.8</b>	<b>682</b>	<b>7</b>	<b>1.0</b>

Table 48 Crude prevalence of tuberculosis for category A burials



Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	4	0	-	0	0	-	0	0	-	0	0	-	4	0	-
1–6 months	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
7–11 months	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
1–5 years	12	0	-	0	0	-	0	0	-	0	0	-	12	0	-
6–11 years	6	0	-	0	0	-	0	0	-	0	0	-	6	0	-
12–17 years	13	2	15.4	0	0	-	0	0	-	0	0	-	13	2	15.4
18–25 years	0	0	-	11	1	9.1	15	1	6.7	27	2	7.4	27	2	7.4
26–35 years	0	0	-	16	1	6.3	8	1	12.5	24	2	8.3	24	2	8.3
36–45 years	0	0	-	13	1	7.7	3	0	-	16	1	6.3	16	1	6.3
≥46 years	0	0	-	10	0	-	5	0	-	16	0	-	16	0	-
Adult	0	0	-	4	0	-	1	0	-	19	0	-	19	0	-
<b>Total</b>	<b>35</b>	<b>2</b>	<b>5.7</b>	<b>54</b>	<b>3</b>	<b>5.6</b>	<b>32</b>	<b>2</b>	<b>6.3</b>	<b>102</b>	<b>5</b>	<b>4.9</b>	<b>137</b>	<b>7</b>	<b>5.1</b>

Table 49 Crude prevalence of tuberculosis for category B burials

Bone		Subadult			Male			Female			Adult			Total		
		No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
Frontal	right	141	1	0.7	206	0	-	149	0	-	366	0	-	504	1	0.2
	left	142	1	0.7	205	0	-	148	0	-	362	0	-	501	1	0.2
	total	283	2	0.7	411	0	-	297	0	-	772	0	-	1005	2	0.2
Parietal	right	148	1	0.7	211	0	-	153	0	-	371	0	-	519	1	0.2
	left	144	1	0.7	209	0	-	154	0	-	370	0	-	514	1	0.2
	total	292	2	0.7	420	0	-	307	0	-	741	0	-	1033	2	0.2
Exoccipital	right	137	1	0.7	194	0	-	131	0	-	330	0	-	467	1	0.2
	left	134	1	0.7	194	0	-	132	0	-	331	0	-	465	1	0.2
	total	271	2	0.7	388	0	-	263	0	-	661	0	-	932	2	0.2
Ribs	right	1438	0	-	2249	1	-	1576	0	-	3882	1	-	5320	1	-
	left	1396	0	-	2232	1	-	1481	0	-	3767	1	-	5163	1	-
	unsided	0	0	-	3	0	-	1	0	-	4	0	-	4	0	-
Sternum	manubrium	79	0	-	141	1	0.7	75	0	-	220	1	0.5	258	1	0.4
	body	39	0	-	142	0	-	74	0	-	219	0	-	292	0	-
	xyphoid	1	0	-	14	0	-	6	0	-	21	0	-	21	0	-
R scapula	right total	143	0	-	225	1	0.4	165	0	-	398	1	0.3	541	1	0.2
	R glenoid	142	0	-	220	0	-	158	0	-	158	0	-	527	0	-
	R coracoid	44	0	-	179	0	-	122	0	-	306	0	-	350	0	-
	R acromion	109	0	-	199	0	-	146	0	-	351	0	-	460	0	-
	R blade	141	0	-	223	1	0.4	164	0	-	393	1	0.3	534	1	0.2
Clavicle	right	130	0	-	216	1	0.5	86	0	-	175	1	0.6	210	1	0.5
	left	132	0	-	233	0	-	88	0	-	173	0	-	207	0	-
	total	262	0	-	449	1	0.2	174	0	-	348	1	0.3	417	1	0.2

*The New Churchyard (XSM10): osteological data tables*

Humerus	right	150	0	-	235	0	-	104	1	1.0	215	1	0.5	256	1	0.4
	left	174	0	-	238	1	0.4	101	1	1.0	211	2	0.9	248	2	0.8
	total	297	0	-	473	1	0.2	205	2	1.0	426	3	0.7	504	3	0.6
Ulna	right	140	0	-	242	1	0.4	96	0	-	200	1	0.5	233	1	0.4
	left	140	0	-	244	1	0.4	94	0	-	202	1	0.5	228	1	0.4
	total	280	0	-	486	2	0.4	190	0	-	402	2	0.5	463	2	0.4
Ilium	right	155	0	-	264	2	0.8	189	1	0.5	463	3	0.6	618	3	0.5
	left	151	0	-	266	2	0.8	190	1	0.5	464	3	0.6	615	3	0.5
Ischium	right	116	0	-	251	0	-	171	1	0.6	429	1	0.2	545	1	0.2
	left	131	0	-	254	0	-	181	1	0.6	441	1	0.2	572	1	0.2
Femur	right	153	0	-	257	0	-	106	0	-	218	0	-	266	0	-
	left	159	1	0.6	258	0	-	105	1	1.0	217	1	0.5	262	2	0.8
	total	312	1	0.3	515	0	-	211	1	0.5	435	1	0.2	528	2	0.4
Cervical	1	139	0	-	209	0	-	143	0	-	358	0	-	497	0	-
	2	130	0	-	210	0	-	152	0	-	368	0	-	498	0	-
	3	132	0	-	198	0	-	149	0	-	353	0	-	485	0	-
	4	138	0	-	203	0	-	151	0	-	360	0	-	498	0	-
	5	139	0	-	210	0	-	149	0	-	365	0	-	504	0	-
	6	141	1	0.7	220	0	-	158	0	-	384	0	-	525	1	0.2
	7	148	1	0.7	221	0	-	164	0	-	392	0	-	540	1	0.2
Thoracic	1	140	1	0.7	236	0	-	177	0	-	421	0	-	561	1	0.2
	2	141	1	0.7	232	0	-	172	0	-	413	0	-	554	1	0.2
	3	144	1	0.7	236	0	-	174	0	-	418	0	-	562	1	0.2
	4	146	1	0.7	241	0	-	173	0	-	421	0	-	567	1	0.2
	5	146	1	0.7	248	0	-	170	0	-	423	0	-	569	1	0.2
	6	142	1	0.7	244	0	-	176	0	-	426	0	-	568	1	0.2
	7	149	1	0.7	248	0	-	176	0	-	429	0	-	578	1	0.2
	8	150	1	0.7	249	0	-	179	1	0.6	435	1	0.2	585	2	0.3

*The New Churchyard (XSM10): osteological data tables*

	9	149	0	-	252	0	-	176	1	0.6	437	1	0.2	586	1	0.2
	10	148	0	-	253	0	-	179	1	0.6	438	1	0.2	586	1	0.2
	11	151	1	0.7	248	0	-	178	1	0.6	432	1	0.2	583	2	0.3
	12	153	1	0.7	257	2	0.8	170	1	0.6	434	3	0.7	587	4	0.7
Lumbar	1	146	1	0.7	261	1	0.4	178	1	0.6	444	2	0.5	590	3	0.5
	2	147	2	1.4	266	1	0.4	185	1	0.5	457	2	0.4	604	4	0.7
	3	147	1	0.7	262	2	0.8	176	1	0.6	446	3	0.7	593	4	0.7
	4	150	1	0.7	256	0	-	176	1	0.6	440	1	0.2	590	2	0.3
	5	144	0	-	255	2	0.8	176	2	1.1	438	4	0.9	582	4	0.7
Sacral	1	116	0	-	244	2	0.8	167	1	0.6	419	3	0.7	535	3	0.6
	2	96	0	-	208	1	0.5	130	0	-	342	1	0.3	438	1	0.2
	3	80	0	-	193	0	-	110	0	-	307	0	-	387	0	-
	4	61	0	-	168	0	-	99	0	-	270	0	-	331	0	-
	5	39	0	-	136	0	-	88	0	-	227	0	-	266	0	-

*Table 50 True prevalence of tuberculosis for category A burials*

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
<b>Phase 1</b>															
Perinatal	6	0	-	0	0	-	0	0	-	0	0	-	6	0	-
1-6 months	3	0	-	0	0	-	0	0	-	0	0	-	3	0	-
7-11 months	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
1-5 years	19	0	-	0	0	-	0	0	-	0	0	-	19	0	-
6-11 years	37	1	2.7	0	0	-	0	0	-	0	0	-	37	1	2.7
12-17 years	34	1	2.9	0	0	-	0	0	-	0	0	-	34	1	2.9
18-25 years	0	0	-	42	0	-	28	0	-	71	0	-	71	0	-
26-35 years	0	0	-	39	1	2.6	34	1	2.9	75	2	2.7	75	2	2.7
36-45 years	0	0	-	49	0	-	27	0	-	77	0	-	77	0	-
≥46 years	0	0	-	15	0	-	16	0	-	31	0	-	31	0	-
Adult	0	0	-	4	0	-	8	0	-	15	0	-	15	0	-
<b>Total</b>	<b>99</b>	<b>2</b>	<b>2.0</b>	<b>149</b>	<b>1</b>	<b>0.7</b>	<b>113</b>	<b>1</b>	<b>0.9</b>	<b>269</b>	<b>2</b>	<b>0.7</b>	<b>368</b>	<b>4</b>	<b>1.1</b>
<b>Phase 2</b>															
Perinatal	17	0	-	0	0	-	0	0	-	0	0	-	17	0	-
1-6 months	8	0	-	0	0	-	0	0	-	0	0	-	8	0	-
7-11 months	1	0	-	0	0	-	0	0	-	0	0	-	1	0	-
1-5 years	21	0	-	0	0	-	0	0	-	0	0	-	21	0	-
6-11 years	14	0	-	0	0	-	0	0	-	0	0	-	14	0	-
12-17 years	19	3	15.8	0	0	-	0	0	-	0	0	-	19	3	15.8
18-25 years	0	0	-	28	1	3.6	26	1	3.8	55	2	3.6	55	2	3.6
26-35 years	0	0	-	39	0	-	39	1	2.6	78	1	1.3	78	1	1.3
36-45 years	0	0	-	37	2	5.4	18	0	-	55	2	3.6	55	2	3.6
≥46 years	0	0	-	24	1	4.2	11	1	9.1	35	2	5.7	35	2	5.7
Adult	0	0	-	6	0	-	3	0	-	11	0	-	11	0	-
<b>Total</b>	<b>80</b>	<b>3</b>	<b>3.8</b>	<b>134</b>	<b>4</b>	<b>3.0</b>	<b>97</b>	<b>3</b>	<b>3.1</b>	<b>234</b>	<b>7</b>	<b>3.0</b>	<b>314</b>	<b>10</b>	<b>3.2</b>

Table 51 Comparison of tuberculosis crude prevalence between phase 1 and phase 2

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	0	0	-	0	0	-	0	0	-	23	0	-
1–6 months	11	0	-	0	0	-	0	0	-	0	0	-	11	0	-
7–11 months	1	0	-	0	0	-	0	0	-	0	0	-	1	0	-
1–5 years	40	0	-	0	0	-	0	0	-	0	0	-	40	0	-
6–11 years	51	0	-	0	0	-	0	0	-	0	0	-	51	0	-
12–17 years	53	0	-	0	0	-	0	0	-	0	0	-	53	0	-
18–25 years	0	0	-	70	0	-	54	1	1.9	126	1	0.8	126	1	0.8
26–35 years	0	0	-	78	1	1.0	73	1	1.4	153	2	1.3	153	2	1.3
36–45 years	0	0	-	86	2	2.0	45	0	-	132	2	1.5	132	2	1.5
≥46 years	0	0	-	39	0	-	27	0	-	66	0	-	66	0	-
Adult	0	0	-	10	0	-	11	0	-	26	0	-	26	0	-
<b>Total</b>	<b>179</b>	<b>0</b>	<b>-</b>	<b>283</b>	<b>3</b>	<b>1.1</b>	<b>210</b>	<b>2</b>	<b>1.0</b>	<b>503</b>	<b>5</b>	<b>1.0</b>	<b>682</b>	<b>5</b>	<b>0.7</b>

Table 52 Crude prevalence of venereal syphilis for category A burials

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	4	0	-	0	0	-	0	0	-	0	0	-	4	0	-
1–6 months	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
7–11 months	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
1–5 years	12	0	-	0	0	-	0	0	-	0	0	-	12	0	-
6–11 years	6	0	-	0	0	-	0	0	-	0	0	-	6	0	-
12–17 years	13	0	-	0	0	-	0	0	-	0	0	-	13	0	-
18–25 years	0	0	-	11	1	9.1	15	0	-	27	1	3.7	27	1	3.7
26–35 years	0	0	-	16	0	-	8	0	-	24	0	-	24	0	-
36–45 years	0	0	-	13	1	7.7	3	0	-	16	1	6.3	16	1	6.3
≥46 years	0	0	-	10	1	10.0	5	1	20.0	16	2	12.5	16	2	12.5
Adult	0	0	-	4	1	25.0	1	0	-	19	3	15.8	19	3	15.8
<b>Total</b>	<b>35</b>	<b>0</b>	<b>-</b>	<b>54</b>	<b>4</b>	<b>7.4</b>	<b>32</b>	<b>1</b>	<b>3.1</b>	<b>102</b>	<b>7</b>	<b>6.9</b>	<b>137</b>	<b>7</b>	<b>5.1</b>

Table 53 Crude prevalence of venereal syphilis for category B burials

Bone		Subadult			Male			Female			Adult			Total		
		No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
Frontal	right	141	0	-	206	2	1.0	149	1	0.7	366	3	0.8	504	3	0.6
	left	142	0	-	205	2	1.0	148	1	0.7	362	3	0.8	501	3	0.6
	total	283	0	-	411	4	1.0	297	2	0.7	772	6	0.8	1005	6	0.6
Parietal	right	148	0	-	211	2	0.9	153	2	1.3	371	4	1.1	519	4	0.8
	left	144	0	-	209	1	0.5	154	2	1.3	370	3	0.8	514	3	0.6
	total	292	0	-	420	3	0.7	307	4	1.3	741	7	0.9	1033	7	0.7
Supraoccipital	total	127	0	-	202	1	0.5	141	0	-	349	1	0.3	476	1	0.2
Basioccipital	total	133	0	-	190	1	0.5	123	0	-	318	1	0.3	451	1	0.2
Mandible	right	152	0	-	214	0	-	163	1	0.6	385	1	0.3	537	1	0.2
	left	148	0	-	214	0	-	163	1	0.6	384	1	0.3	532	1	0.2
	total	300	0	-	428	0	-	362	2	0.6	769	2	0.3	1069	2	0.2
R scapula	right total	143	0	-	225	1	0.4	165	0	-	398	1	0.3	541	1	0.2
	R glenoid	142	0	-	220	0	-	158	0	-	158	0	-	527	0	-
	R coracoid	44	0	-	179	0	-	122	0	-	306	0	-	350	0	-
	R acromion	109	0	-	199	1	0.5	146	0	-	351	1	0.3	460	1	0.2
	R blade	141	0	-	223	0	-	164	0	-	393	0	-	534	0	-
L scapula	left total	137	0	-	226	1	0.4	156	0	-	388	1	0.3	525	1	0.2
	L glenoid	142	0	-	223	0	-	155	0	-	382	0	-	524	0	-
	L coracoid	44	0	-	182	0	-	132	0	-	318	0	-	362	0	-
	L acromion	109	0	-	207	0	-	133	0	-	346	0	-	455	0	-
	L blade	133	0	-	225	1	0.4	159	0	-	390	1	0.3	523	1	0.2
Clavicle	right	130	0	-	216	1	0.5	86	0	-	175	1	0.6	210	1	0.5
	left	132	0	-	233	1	0.4	88	0	-	173	1	0.6	207	1	0.5



*The New Churchyard (XSM10): osteological data tables*

	total	262	0	-	449	2	0.4	174	0	-	348	2	0.6	417	2	0.5
Humerus	right	150	0	-	235	1	0.4	104	1	1.0	215	2	0.9	256	2	0.8
	left	174	0	-	238	3	1.3	101	0	-	211	3	1.4	248	3	1.2
	total	297	0	-	473	4	0.8	205	1	0.5	426	5	1.2	504	5	1.0
Radius	right	141	0	-	242	1	0.4	92	1	1.1	192	2	1.0	225	2	0.9
	left	136	0	-	237	2	0.8	95	0	-	196	2	1.0	223	2	0.9
	total	277	0	-	479	3	0.6	187	1	0.5	388	4	1.0	448	4	0.9
Ulna	right	140	0	-	242	1	0.4	96	0	-	200	1	0.5	233	1	0.4
	left	140	0	-	244	2	0.8	94	0	-	202	2	1.0	228	2	0.9
	total	280	0	-	486	3	0.6	190	0	-	402	3	0.7	463	3	0.6
Femur	right	153	0	-	257	2	0.8	106	2	1.9	218	4	1.8	266	4	1.5
	left	159	0	-	258	3	1.2	105	2	1.9	217	5	2.3	262	5	1.9
	total	312	0	-	515	5	1.0	211	4	1.9	435	9	2.1	528	9	1.7
Tibia	right	130	0	-	107	2	1.9	158	2	1.3	381	4	1.0	511	4	0.8
	left	123	0	-	222	2	0.9	161	2	1.2	392	4	1.0	515	4	0.8
	total	253	0	-	329	4	1.2	319	4	1.3	773	8	1.0	1026	8	0.8
Fibula	right	123	0	-	190	3	1.6	143	2	1.4	342	5	1.5	465	5	1.1
	left	120	0	-	205	0	-	140	1	0.7	353	1	0.3	473	1	0.2
	total	243	0	-	395	3	0.8	283	3	1.1	695	6	0.9	938	6	0.6

*Table 54 True prevalence of venereal syphilis for category A burials*

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
<b>Phase 1</b>															
Perinatal	6	0	-	0	0	-	0	0	-	0	0	-	6	0	-
1-6 months	3	0	-	0	0	-	0	0	-	0	0	-	3	0	-
7-11 months	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
1-5 years	19	0	-	0	0	-	0	0	-	0	0	-	19	0	-
6-11 years	37	0	-	0	0	-	0	0	-	0	0	-	37	0	-
12-17 years	34	0	-	0	0	-	0	0	-	0	0	-	34	0	-
18-25 years	0	0	-	42	1	2.4	28	1	3.6	71	2	2.8	71	2	2.8
26-35 years	0	0	-	39	1	2.6	34	0	-	75	1	1.3	75	1	1.3
36-45 years	0	0	-	49	2	4.1	27	0	-	77	2	2.6	77	2	2.6
≥46 years	0	0	-	15	1	6.7	16	1	6.3	31	2	6.5	31	2	6.5
Adult	0	0	-	4	1	25.0	8	0	-	15	3	20.0	15	3	20.0
<b>Total</b>	<b>99</b>	<b>0</b>	<b>-</b>	<b>149</b>	<b>6</b>	<b>4.0</b>	<b>113</b>	<b>2</b>	<b>1.8</b>	<b>269</b>	<b>10</b>	<b>3.7</b>	<b>368</b>	<b>10</b>	<b>2.7</b>
<b>Phase 2</b>															
Perinatal	17	0	-	0	0	-	0	0	-	0	0	-	17	0	-
1-6 months	8	0	-	0	0	-	0	0	-	0	0	-	8	0	-
7-11 months	1	0	-	0	0	-	0	0	-	0	0	-	1	0	-
1-5 years	21	0	-	0	0	-	0	0	-	0	0	-	21	0	-
6-11 years	14	0	-	0	0	-	0	0	-	0	0	-	14	0	-
12-17 years	19	0	-	0	0	-	0	0	-	0	0	-	19	0	-
18-25 years	0	0	-	28	0	-	26	0	-	55	0	-	55	0	-
26-35 years	0	0	-	39	0	-	39	1	2.6	78	1	1.3	78	1	1.3
36-45 years	0	0	-	37	1	2.7	18	0	-	55	1	1.8	55	1	1.8
≥46 years	0	0	-	24	0	-	11	0	-	35	0	-	35	0	-
Adult	0	0	-	6	0	-	3	0	-	11	0	-	11	0	-
<b>Total</b>	<b>80</b>	<b>0</b>	<b>-</b>	<b>134</b>	<b>1</b>	<b>0.7</b>	<b>97</b>	<b>1</b>	<b>1.0</b>	<b>234</b>	<b>2</b>	<b>0.9</b>	<b>314</b>	<b>2</b>	<b>0.6</b>

Table 55 Comparison of venereal syphilis prevalence between phase 1 and phase 2

DIET

Age	Subadult			Male			Female			Adult			Total		
Category A	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	1	4.3	-	-	-	-	-	-	-	-	-	23	1	4.3
1-6 months	11	0	-	-	-	-	-	-	-	-	-	-	11	0	-
7-11 months	1	0	-	-	-	-	-	-	-	-	-	-	1	0	-
1-5 years	40	6	15.0	-	-	-	-	-	-	-	-	-	40	6	15.0
6-11 years	51	8	15.7	-	-	-	-	-	-	-	-	-	51	8	15.7
12-17 years	53	10	18.9	-	-	-	-	-	-	-	-	-	53	10	18.9
18-25 years	-	-	-	70	13	18.6	54	8	14.8	126	22	17.5	126	22	17.5
26-35 years	-	-	-	78	11	14.1	73	9	12.3	153	21	13.7	153	21	13.7
36-45 years	-	-	-	86	16	18.6	45	3	6.7	132	19	14.4	132	19	14.4
≥46 years	-	-	-	39	6	15.4	27	3	11.1	66	9	13.6	66	9	13.6
Adult	-	-	-	10	1	10.0	11	2	18.2	26	3	11.5	26	3	11.5
<b>Total</b>	<b>179</b>	<b>25</b>	<b>14.0</b>	<b>283</b>	<b>47</b>	<b>16.6</b>	<b>210</b>	<b>25</b>	<b>11.9</b>	<b>503</b>	<b>74</b>	<b>14.7</b>	<b>682</b>	<b>99</b>	<b>14.5</b>
<b>Category B</b>															
Perinatal	4	0	-	-	-	-	-	-	-	-	-	-	4	0	-
1-6 months	0	0	-	-	-	-	-	-	-	-	-	-	0	0	-
7-11 months	0	0	-	-	-	-	-	-	-	-	-	-	0	0	-
1-5 years	12	0	-	-	-	-	-	-	-	-	-	-	12	0	-
6-11 years	6	0	-	-	-	-	-	-	-	-	-	-	6	0	-
12-17 years	13	0	-	-	-	-	-	-	-	-	-	-	13	0	-
18-25 years	-	-	-	11	1	9.1	15	0	-	27	1	3.7	27	1	3.7
26-35 years	-	-	-	16	4	25.0	8	0	-	24	4	16.7	24	4	16.7
36-45 years	-	-	-	13	2	15.4	3	0	-	16	2	12.5	16	2	12.5
≥46 years	-	-	-	10	1	10.0	5	0	-	16	1	6.3	16	1	6.3
Adult	-	-	-	4	0	-	1	1	100.0	19	1	5.3	19	1	5.3
<b>Total</b>	<b>35</b>		<b>6.6</b>	<b>54</b>	<b>8</b>	<b>14.8</b>	<b>32</b>	<b>1</b>	<b>3.1</b>	<b>102</b>	<b>9</b>	<b>8.8</b>	<b>137</b>	<b>9</b>	<b>6.6</b>

Table 56 Crude prevalence of cribra orbitalia for category A and category B burials

Grade	Subadult						Adult						All individuals					
Category A	Left			Right			Left			Right			Left			Right		
	No. observed	No. affected	%	No. observed	No. affected	%	No.	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
1		5	4.3		5	4.5		31	9.4		30	9.3		36	8.1		35	8.1
2		10	8.5		9	8.2		14	4.2		14	4.3		24	5.4		23	5.3
3		5	4.3		6	5.5		13	3.9		14	4.3		18	4.0		20	4.6
4		3	2.6		2	1.8		4	1.2		3	0.9		7	1.6		5	1.2
5		1	0.9		1	0.9		0	-		0	-		1	0.2		1	0.2
<b>Total</b>	<b>117</b>	<b>24</b>	<b>20.5</b>	<b>110</b>	<b>23</b>	<b>20.9</b>	<b>330</b>	<b>62</b>	<b>18.8</b>	<b>322</b>	<b>61</b>	<b>18.9</b>	<b>447</b>	<b>86</b>	<b>19.2</b>	<b>432</b>	<b>84</b>	<b>19.4</b>
<b>Category B</b>																		
1		0	-		0	-		7	12.3		5	9.8		7	9.1		5	7.4
2		0	-		0	-		1	1.8		0	-		1	1.3		0	-
3		0	-		0	-		0	-		0	-		0	-		0	-
4		0	-		0	-		0	-		0	-		0	-		0	-
5		0	-		0	-		0	-		0	-		0	-		0	-
<b>Total</b>	<b>20</b>	<b>0</b>	<b>-</b>	<b>17</b>	<b>0</b>	<b>-</b>	<b>57</b>	<b>8</b>	<b>14.0</b>	<b>51</b>	<b>5</b>	<b>9.8</b>	<b>77</b>	<b>8</b>	<b>10.4</b>	<b>68</b>	<b>5</b>	<b>7.4</b>

Table 57 True prevalence of cribra orbitalia by severity (grades 1–5; after Stuart-Macadam 1991) for category A and category B burials

Age	Subadult			Male			Female			Adult			Total		
Category A	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	-	-	-	-	-	-	-	-	-	23	0	-
1-6 months	11	0	-	-	-	-	-	-	-	-	-	-	11	0	-
7-11 months	1	0	-	-	-	-	-	-	-	-	-	-	1	0	-
1-5 years	40	1	2.5	-	-	-	-	-	-	-	-	-	40	1	2.5
6-11 years	51	2	3.9	-	-	-	-	-	-	-	-	-	51	2	3.9
12-17 years	53	1	1.9	-	-	-	-	-	-	-	-	-	53	1	1.9
18-25 years	-	-	-	70	6	8.6	54	5	9.3	126	12	9.5	126	12	9.5
26-35 years	-	-	-	78	6	7.7	73	3	4.1	153	9	5.9	153	9	5.9
36-45 years	-	-	-	86	6	7.0	45	1	2.2	132	7	5.3	132	7	5.3
≥46 years	-	-	-	39	2	5.1	27	1	3.7	66	3	4.5	66	3	4.5
Adult	-	-	-	10	2	20.0	11	0	-	26	2	7.7	26	2	7.7
<b>Total</b>	<b>179</b>	<b>4</b>	<b>2.2</b>	<b>283</b>	<b>22</b>	<b>7.8</b>	<b>210</b>	<b>10</b>	<b>4.8</b>	<b>503</b>	<b>33</b>	<b>6.6</b>	<b>682</b>	<b>37</b>	<b>5.4</b>
<b>Category B</b>															
Perinatal	4	0	-	-	-	-	-	-	-	-	-	-	4	0	-
1-6 months	0	0	-	-	-	-	-	-	-	-	-	-	0	0	-
7-11 months	0	0	-	-	-	-	-	-	-	-	-	-	0	0	-
1-5 years	12	0	-	-	-	-	-	-	-	-	-	-	12	0	-
6-11 years	6	0	-	-	-	-	-	-	-	-	-	-	6	0	-
12-17 years	13	0	-	-	-	-	-	-	-	-	-	-	13	0	-
18-25 years	-	-	-	11	0	-	15	1	6.7	27	1	3.7	27	1	3.7
26-35 years	-	-	-	16	1	6.3	8	0	-	24	1	4.2	24	1	4.2
36-45 years	-	-	-	13	0	-	3	0	-	16	0	-	16	0	-
≥46 years	-	-	-	10	1	10.0	5	0	-	16	1	6.3	16	1	6.3
Adult	-	-	-	4	0	-	1	0	-	19	0	-	19	0	-
<b>Total</b>	<b>35</b>	<b>0</b>	<b>-</b>	<b>54</b>	<b>2</b>	<b>3.7</b>	<b>32</b>	<b>1</b>	<b>3.1</b>	<b>102</b>	<b>3</b>	<b>2.9</b>	<b>137</b>	<b>3</b>	<b>2.2</b>

Table 58 Crude prevalence of porotic hyperostosis for category A and category B burials

Category A		Subadult			Male			Female			Adult			Total		
		No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
Frontal	right	141	1	0.7	206	10	4.9	149	2	1.3	366	13	3.6	504	14	2.8
	left	142	1	0.7	205	11	5.4	148	2	1.4	362	14	3.9	501	15	3.0
	total	283	2	0.7	411	21	5.1	297	4	1.3	772	27	3.5	1005	29	2.9
Parietal	right	148	4	2.7	211	20	9.5	153	8	5.2	371	29	7.8	519	33	6.4
	left	144	4	2.8	209	20	9.6	154	8	5.2	370	29	7.8	514	33	6.4
	total	292	8	2.7	420	40	9.5	307	16	5.2	741	58	7.8	1033	66	6.4
Supraoccipital	total	127	2	1.6	202	12	5.9	141	7	5.0	349	20	5.7	476	22	4.6
Exoccipital	right	137	1	0.7	194	3	1.5	131	0	-	330	3	0.9	467	4	0.9
	left	134	1	0.7	194	3	1.5	132	0	-	331	3	0.9	465	4	0.9
	total	271	2	0.7	388	6	1.5	263	0	-	661	6	0.9	932	8	0.9
<b>Category B</b>																
Frontal	right	20	0	-	36	1	2.8	20	0	-	56	1	1.8	76	1	1.3
	left	20	0	-	39	1	2.6	20	0	-	60	1	1.7	80	1	1.3
	total	40	0	-	75	2	2.7	40	0	-	116	2	1.7	156	2	1.3
Parietal	right	20	0	-	40	2	5.0	20	1	5.0	60	3	5.0	80	3	3.8
	left	20	0	-	38	2	5.3	20	1	5.0	59	3	5.1	79	3	3.8
	total	40	0	-	78	4	5.1	40	2	5.0	119	6	5.0	159	6	3.8
Supraoccipital	total	16	0	-	31	2	6.5	18	1	5.6	46	3	6.5	60	3	5.0

Table 59 True prevalence of porotic hyperostosis for Category A and Category B burials

Age	Subadult			Male			Female			Adult			Total		
Category A	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	2	8.7	-	-	-	-	-	-	-	-	-	23	2	8.7
1-6 months	11	0	-	-	-	-	-	-	-	-	-	-	11	0	-
7-11 months	1	0	-	-	-	-	-	-	-	-	-	-	1	0	-
1-5 years	40	2	5.0	-	-	-	-	-	-	-	-	-	40	2	5.0
6-11 years	51	1	2.0	-	-	-	-	-	-	-	-	-	51	1	2.0
12-17 years	53	0	-	-	-	-	-	-	-	-	-	-	53	0	-
18-25 years	-	-	-	70	0	-	54	2	3.7	126	2	1.6	126	2	1.6
26-35 years	-	-	-	78	1	1.3	73	0	-	153	1	0.7	153	1	0.7
36-45 years	-	-	-	86	0	-	45	1	2.2	132	1	0.8	132	1	0.8
≥46 years	-	-	-	39	0	-	27	2	7.4	66	2	3.0	66	2	3.0
Adult	-	-	-	10	1	10.0	11	0	-	26	1	3.8	26	1	3.8
<b>Total</b>	<b>179</b>	<b>5</b>	<b>2.8</b>	<b>283</b>	<b>2</b>	<b>0.7</b>	<b>210</b>	<b>5</b>	<b>2.4</b>	<b>503</b>	<b>7</b>	<b>1.4</b>	<b>682</b>	<b>12</b>	<b>1.8</b>
<b>Category B</b>															
Perinatal	4	0	-	-	-	-	-	-	-	-	-	-	4	0	-
1-6 months	0	0	-	-	-	-	-	-	-	-	-	-	0	0	-
7-11 months	0	0	-	-	-	-	-	-	-	-	-	-	0	0	-
1-5 years	12	0	-	-	-	-	-	-	-	-	-	-	12	0	-
6-11 years	6	0	-	-	-	-	-	-	-	-	-	-	6	0	-
12-17 years	13	1	7.7	-	-	-	-	-	-	-	-	-	13	1	7.7
18-25 years	-	-	-	11	1	9.1	15	0	-	27	1	3.7	27	1	3.7
26-35 years	-	-	-	16	1	6.3	8	0	-	24	1	4.2	24	1	4.2
36-45 years	-	-	-	13	0	-	3	0	-	16	0	-	16	0	-
≥46 years	-	-	-	10	0	-	5	0	-	16	0	-	16	0	-
Adult	-	-	-	4	0	-	1	0	-	19	0	-	19	0	-
<b>Total</b>	<b>35</b>	<b>1</b>	<b>6.6</b>	<b>54</b>	<b>2</b>	<b>3.7</b>	<b>32</b>	<b>0</b>	<b>-</b>	<b>102</b>	<b>2</b>	<b>2.0</b>	<b>137</b>	<b>3</b>	<b>2.2</b>

Table 60 Crude prevalence of endocranial lesions for category A and category B burials

Category A		Subadult			Male			Female			Adult			Total		
		No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
Frontal	right	141	2	1.4	206	2	1.0	149	1	0.7	366	3	0.8	504	5	1.0
	left	142	2	1.4	205	1	0.5	148	1	0.7	362	2	0.6	501	4	0.8
	total	283	4	1.4	411	3	0.7	297	2	0.7	772	5	0.6	1005	9	0.9
Parietal	right	148	1	0.7	211	0	-	153	3	2.0	371	3	0.8	519	4	0.8
	left	144	1	0.7	209	0	-	154	3	1.9	370	3	0.8	514	4	0.8
	total	292	2	0.7	420	0	-	307	6	2.0	741	6	0.8	1033	8	0.8
Supraoccipital	total	127	2	1.6	202	0	-	141	4	2.8	349	4	1.1	476	6	1.3
Exoccipital	right	137	1	0.7	194	0	-	131	0	-	330	0	-	467	1	0.2
	left	134	1	0.7	194	0	-	132	0	-	331	0	-	465	1	0.2
	total	271	2	0.7	388	0	-	263	0	-	661	0	-	932	2	0.2
Sphenoid	left	105	1	1.0	161	0	-	105	0	-	270	0	-	355	1	0.3
<b>Category B</b>																
Frontal	right	20	0	-	36	2	5.6	20	0	-	56	2	3.6	76	2	2.6
	left	20	0	-	39	2	5.1	20	0	-	60	2	3.3	80	2	2.5
	total	40	0	-	75	4	5.3	40	0	-	116	4	3.4	156	4	2.6
Parietal	right	20	0	-	40	2	5.0	20	0	-	60	2	3.3	80	2	2.5
	left	20	0	-	38	2	5.3	20	0	-	59	2	3.4	79	2	2.5
	total	40	0	-	78	4	5.1	40	0	-	119	4	3.4	159	4	2.5
Supraoccipital	total	16	1	6.3	31	1	3.2	18	0	-	46	1	2.2	60	2	3.3
Exoccipital	right	21	0	-	36	1	2.8	19	0	-	55	1	1.8	76	1	1.3
	left	20	0	-	36	1	2.8	19	0	-	55	1	1.8	75	1	1.3
	total	41	0	-	72	2	2.8	38	0	-	110	2	1.8	151	2	1.3

Table 61 True prevalence of endocranial lesions for category A and category B burials



Age	Subadult			Male			Female			Adult			Total		
Category A	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	-	-	-	-	-	-	-	-	-	23	0	-
1–6 months	11	1	9.1	-	-	-	-	-	-	-	-	-	11	1	9.1
7–11 months	1	0	-	-	-	-	-	-	-	-	-	-	1	0	-
1–5 years	40	14	35.0	-	-	-	-	-	-	-	-	-	40	14	35.0
6–11 years	51	5	9.8	-	-	-	-	-	-	-	-	-	51	5	9.8
12–17 years	53	1	1.9	-	-	-	-	-	-	-	-	-	53	1	1.9
18–25 years	-	-	-	70	7	10.0	54	3	5.6	126	11	8.7	126	11	8.7
26–35 years	-	-	-	78	2	2.6	73	4	5.5	153	6	3.9	153	6	3.9
36–45 years	-	-	-	86	4	4.7	45	1	2.2	132	5	3.8	132	5	3.8
≥46 years	-	-	-	39	3	7.7	27	1	3.7	66	4	6.1	66	4	6.1
Adult	-	-	-	10	1	10.0	11	1	9.1	26	5	19.2	26	5	19.2
<b>Total</b>	<b>179</b>	<b>21</b>	<b>11.7</b>	<b>283</b>	<b>17</b>	<b>6.0</b>	<b>210</b>	<b>10</b>	<b>4.8</b>	<b>503</b>	<b>31</b>	<b>6.2</b>	<b>682</b>	<b>52</b>	<b>7.6</b>
<b>Category B</b>															
Perinatal	4	0	-	-	-	-	-	-	-	-	-	-	4	0	-
1–6 months	0	0	-	-	-	-	-	-	-	-	-	-	0	0	-
7–11 months	0	0	-	-	-	-	-	-	-	-	-	-	0	0	-
1–5 years	12	8	66.7	-	-	-	-	-	-	-	-	-	12	8	66.7
6–11 years	6	1	16.7	-	-	-	-	-	-	-	-	-	6	1	16.7
12–17 years	13	3	23.1	-	-	-	-	-	-	-	-	-	13	3	23.1
18–25 years	-	-	-	11	1	9.1	15	2	13.3	27	3	11.1	27	3	11.1
26–35 years	-	-	-	16	0	-	8	1	12.5	24	1	4.2	24	1	4.2
36–45 years	-	-	-	13	0	-	3	0	-	16	0	-	16	0	-
≥46 years	-	-	-	10	0	-	5	1	20.0	16	1	6.3	16	1	6.3
Adult	-	-	-	4	1	25.0	1	0	-	19	3	15.8	19	3	15.8
<b>Total</b>	<b>35</b>	<b>12</b>	<b>6.6</b>	<b>54</b>	<b>2</b>	<b>3.7</b>	<b>32</b>	<b>4</b>	<b>12.5</b>	<b>102</b>	<b>8</b>	<b>7.8</b>	<b>137</b>	<b>20</b>	<b>14.6</b>

Table 62 Crude prevalence of scurvy for category A and category B burials

Age	Subadult			Male			Female			Adult			Total		
Category A	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	-	-	-	-	-	-	-	-	-	23	0	-
1-6 months	11	1	9.1	-	-	-	-	-	-	-	-	-	11	1	9.1
7-11 months	1	0	-	-	-	-	-	-	-	-	-	-	1	0	-
1-5 years	40	14	35.0	-	-	-	-	-	-	-	-	-	40	14	35.0
6-11 years	51	5	9.8	-	-	-	-	-	-	-	-	-	51	5	9.8
12-17 years	53	1	1.9	-	-	-	-	-	-	-	-	-	53	1	1.9
18-25 years	-	-	-	70	7	10.0	54	3	5.6	126	11	8.7	126	11	8.7
26-35 years	-	-	-	78	2	2.6	73	4	5.5	153	6	3.9	153	6	3.9
36-45 years	-	-	-	86	4	4.7	45	1	2.2	132	5	3.8	132	5	3.8
≥46 years	-	-	-	39	3	7.7	27	1	3.7	66	4	6.1	66	4	6.1
Adult	-	-	-	10	1	10.0	11	1	9.1	26	5	19.2	26	5	19.2
<b>Total</b>	<b>179</b>	<b>21</b>	<b>11.7</b>	<b>283</b>	<b>17</b>	<b>6.0</b>	<b>210</b>	<b>10</b>	<b>4.8</b>	<b>503</b>	<b>31</b>	<b>6.2</b>	<b>682</b>	<b>52</b>	<b>7.6</b>
<b>Category B</b>															
Perinatal	4	0	-	-	-	-	-	-	-	-	-	-	4	0	-
1-6 months	0	0	-	-	-	-	-	-	-	-	-	-	0	0	-
7-11 months	0	0	-	-	-	-	-	-	-	-	-	-	0	0	-
1-5 years	12	8	66.7	-	-	-	-	-	-	-	-	-	12	8	66.7
6-11 years	6	1	16.7	-	-	-	-	-	-	-	-	-	6	1	16.7
12-17 years	13	3	23.1	-	-	-	-	-	-	-	-	-	13	3	23.1
18-25 years	-	-	-	11	1	9.1	15	2	13.3	27	3	11.1	27	3	11.1
26-35 years	-	-	-	16	0	-	8	1	12.5	24	1	4.2	24	1	4.2
36-45 years	-	-	-	13	0	-	3	0	-	16	0	-	16	0	-
≥46 years	-	-	-	10	0	-	5	1	20.0	16	1	6.3	16	1	6.3
Adult	-	-	-	4	1	25.0	1	0	-	19	3	15.8	19	3	15.8
<b>Total</b>	<b>35</b>	<b>12</b>	<b>34.3</b>	<b>54</b>	<b>2</b>	<b>3.7</b>	<b>32</b>	<b>4</b>	<b>12.5</b>	<b>102</b>	<b>8</b>	<b>7.8</b>	<b>137</b>	<b>20</b>	<b>14.6</b>

Table 63 Crude prevalence of rickets for category A and category B burials

*The New Churchyard (XSM10): osteological data tables*

Burial type		Age (years)	Enamel hypoplasia			Non-specific periostitis		Cribra orbitalia		Porotic hyperostosis	
			No. individuals	No. affected	%	No. affected	%	No. affected	%	No. affected	%
<b>Category A</b>	<b>phase 1</b>	1–5	19	3	15.8	0	-	3	15.8	1	5.3
		6–11	37	14	37.8	8	21.6	6	16.2	2	5.4
		12–17	34	21	61.8	6	17.6	7	20.6	1	2.9
	<b>phase 2</b>	1–5	21	4	19.0	1	4.8	3	14.3	0	-
		6–11	14	10	71.4	2	14.3	2	14.3	0	-
		12–17	19	7	36.8	3	15.8	3	15.8	0	-
	<b>total</b>	1–5	40	7	17.5	1	2.5	6	15.0	1	2.5
		6–11	51	24	47.1	10	19.6	8	15.7	2	3.9
		12–17	53	28	52.8	9*	17.0*	10	18.9	1	1.9
<b>Category B</b>	1–5	12	2	16.7	0	-	0	-	0	-	
	6–11	6	3	50.0	0	-	0	-	0	-	
	12–17	13	6	46.2	1	7.7	0	-	0	-	
<b>Mass pit</b>	1–5	6	1	16.7	0	-	0	-	0	-	
	6–11	3	2	66.7	0	-	0	-	0	-	
	12–17	6	2	33.3	1	16.7	0	-	0	-	

*Table 64 Crude prevalence of stress indicators in subadults from category A, category B, phase 1, phase 2 and mass burial pit [7482]/[8473]*

\* This figure is given incorrectly in *The New Churchyard* publication text (p 213, ‘Periostitis’ paragraph 1, line 3) as No. affected 7/53, % 13.2

DENTAL HEALTH

	Deciduous		Permanent		Total	
	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth
Subadults	1131	710	2311	1578	3442	2288
Adults	11	6	9901	7020	9912	7026
<b>Total</b>	<b>1142</b>	<b>716</b>	<b>12212</b>	<b>8598</b>	<b>13354</b>	<b>9314</b>

*Table 65 Category A dental catalogue summary*

	Deciduous		Permanent		Total	
	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth
Subadults	144	91	375	259	519	350
Adults	4	1	1677	1242	1681	1243
<b>Total</b>	<b>148</b>	<b>92</b>	<b>2052</b>	<b>1501</b>	<b>2200</b>	<b>1593</b>

*Table 66 Category B dental catalogue summary*

Age	Deciduous		Permanent		Total	
	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth
Perinate	214	0	0	0	214	0
1–6 months	99	4	0	0	99	4
7–11 months	9	5	0	0	9	5
1–5 years	519	433	210	12	729	445
6–11 years	282	260	871	543	1153	803
12–17 years	8	8	1230	1023	1238	1031
<b>Total</b>	<b>1131</b>	<b>710</b>	<b>2311</b>	<b>1578</b>	<b>3442</b>	<b>2288</b>

*Table 67 Category A subadult dental catalogue*

Age	Deciduous		Permanent		Total	
	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth
Perinate	18	0	0	0	18	0
1–6 months	0	0	0	0	0	0
7–11 months	0	0	0	0	0	0
1–5 years	103	71	63	0	166	71
6–11 years	20	17	76	50	96	67
12–17 years	3	3	236	209	239	212
<b>Total</b>	<b>144</b>	<b>91</b>	<b>375</b>	<b>259</b>	<b>519</b>	<b>350</b>

*Table 68 Category B subadult dental catalogue*

Age	Female						Male						Intermediate		Undetermined		Total					
	Deciduous		Permanent		Total		Deciduous		Permanent		Total		Permanent		Permanent		Deciduous		Permanent		Total	
	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth
18–25 years	2	1	1057	850	1059	851	1	0	1502	1341	1503	1341	57	52	0	0	3	1	2616	2243	2619	2244
26–35 years	1	1	1465	993	1466	994	1	0	1617	1365	1618	1365	39	31	0	0	2	1	3121	2389	3123	2390
36–45 years	0	0	807	389	807	389	6	4	1695	1247	1701	1251	16	6	0	0	6	4	2518	1642	2524	1646
≥46 years	0	0	496	189	496	189	0	0	764	386	764	386	0	0	0	0	0	0	1260	575	1260	575
Adult	0	0	177	79	177	79	0	0	155	73	155	73	24	12	30	7	0	0	386	171	386	171
<b>Total</b>	<b>3</b>	<b>2</b>	<b>4002</b>	<b>2500</b>	<b>4005</b>	<b>2502</b>	<b>8</b>	<b>4</b>	<b>5733</b>	<b>4412</b>	<b>5741</b>	<b>4416</b>	<b>136</b>	<b>101</b>	<b>30</b>	<b>7</b>	<b>11</b>	<b>6</b>	<b>9901</b>	<b>7020</b>	<b>9912</b>	<b>7026</b>

Table 69 Category A adult dental catalogue

Age	Female						Male						Intermediate		Undetermined		Total					
	Deciduous		Permanent		Total		Deciduous		Permanent		Total		Permanent		Permanent		Deciduous		Permanent		Total	
	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth	Tooth sockets	Teeth
18–25 years	0	0	273	235	273	235	0	0	291	258	291	258	0	0	16	14	0	0	580	507	580	507
26–35 years	4	1	140	92	144	93	0	0	308	252	308	252	0	0	0	0	4	1	448	344	452	345
36–45 years	0	0	0	0	0	0	0	0	226	179	226	179	0	0	0	0	0	0	226	179	226	179
≥46 years	0	0	118	34	118	34	0	0	215	140	215	140	0	0	14	4	0	0	347	178	347	178
Adult	0	0	32	2	32	2	0	0	44	32	44	32	0	0	0	0	0	0	76	34	76	34
<b>Total</b>	<b>4</b>	<b>1</b>	<b>563</b>	<b>363</b>	<b>567</b>	<b>364</b>	<b>0</b>	<b>0</b>	<b>1084</b>	<b>861</b>	<b>1084</b>	<b>861</b>	<b>0</b>	<b>0</b>	<b>30</b>	<b>18</b>	<b>4</b>	<b>1</b>	<b>1677</b>	<b>1242</b>	<b>1681</b>	<b>1243</b>

Table 70 Category B adult dental catalogue

*The New Churchyard (XSM10): osteological data tables*

<b>Dental pathology</b>	<b>Subadult</b>			<b>Adult</b>			<b>Total</b>		
	<b>No. of individuals</b>	<b>No. affected</b>	<b>%</b>	<b>No. of individuals</b>	<b>No. affected</b>	<b>%</b>	<b>No. of individuals</b>	<b>No. affected</b>	<b>%</b>
Caries	179	65	36.3	503	320	63.6	682	385	56.5
Calculus		80	44.7		365	72.6		445	65.2
Enamel hypoplasia		59	33.0		200	39.8		259	38.0
Periapical abscess		13	7.3		148	29.4		161	23.6
Periodontal disease		6	3.4		187	37.2		193	28.3
Ante-mortem loss		16	8.9		295	58.6		311	45.6

*Table 71 Crude prevalence of dental pathology for category A burials*

Dental pathology	Subadult			Males			Females			Adults			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Caries	35	13	37.1	54	34	63.0	32	17	53.1	102	53	52.0	137	66	48.2
Calculus		11	31.4		40	74.1		19	59.4		61	59.8		72	52.6
Enamel hypoplasia		11	31.4		33	61.1		12	37.5		46	45.1		57	41.6
Periapical abscess		3	8.6		13	24.1		4	12.5		17	16.7		20	14.6
Periodontal disease		0	-		18	33.3		8	25.0		26	25.5		26	19.0
Ante-mortem loss		3	8.6		27	50.0		16	50.0		44	43.1		47	34.3

Table 72 Crude prevalence of dental pathology for category B burials

Dental pathology	Deciduous			Permanent			Total		
	No. teeth	No. affected	%	No. teeth	No. affected	%	No. teeth	No. affected	%
Caries	716	83	11.6	8598	1531	17.8	9314	1614	17.3
Calculus		103	14.4		5610	65.2		5713	61.3
Enamel hypoplasia		34	4.7		1406	16.4		1440	15.5
Periapical abscess	1142	3	0.3	12212	301	2.5	13354	304	2.3
Periodontal disease		4	0.4		1294	10.6		1298	9.7
Ante-mortem loss		9	0.8		1868	15.3		1877	14.1

Table 73 True prevalence of dental pathology for category A burials

Dental pathology	Deciduous			Permanent			Total		
	No. teeth	No. affected	%	No. teeth	No. affected	%	No. teeth	No. affected	%
Caries	710	83	11.7	1578	138	8.7	2288	221	9.7
Calculus		99	13.9		673	42.6		772	33.7
Enamel hypoplasia		34	4.8		294	18.6		328	14.3
Periapical abscess	1131	3	0.3	2311	12	0.5	3442	15	0.4
Periodontal disease		4	0.4		12	0.5		16	0.5
Ante-mortem loss		7	0.6		18	0.8		25	0.7

Table 74 True prevalence of subadult dental pathology for category A burials

Dental pathology	Deciduous			Permanent			Total		
	No. teeth	No. affected	%	No. teeth	No. affected	%	No. teeth	No. affected	%
Caries	6	0	-	7020	1393	19.8	7026	1393	19.8
Calculus		4	66.7		4937	70.3		4941	70.3
Enamel hypoplasia		0	-		1112	15.8		1112	15.8
Periapical abscess	11	0	-	9901	289	2.9	9912	289	2.9
Periodontal disease		0	-		1282	12.9		1282	12.9
Ante-mortem loss		2	18.2		1850	18.7		1852	18.7

Table 75 True prevalence of adult dental pathology for category A burials

Age	Subadult			Adult			All		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	0		-	23	0	-
1-6 months	11	0	-	0		-	11	0	-
7-11 months	1	0	-	0		-	1	0	-
1-5 years	40	14	35.0	0		-	40	14	35.0
6-11 years	51	24	47.1	0		-	51	24	47.1
12-17 years	53	27	50.9	0		-	53	27	50.9
18-25 years	0	0	-	126	86	68.3	126	86	68.3
26-35 years	0	0	-	153	106	69.3	153	106	69.3
36-45 years	0	0	-	132	77	58.3	132	77	58.3
≥46 years	0	0	-	66	38	57.6	66	38	57.6
Adult	0	0	-	26	13	50.0	26	13	50.0
<b>Total</b>	<b>179</b>	<b>65</b>	<b>36.3</b>	<b>503</b>	<b>320</b>	<b>63.6</b>	<b>682</b>	<b>385</b>	<b>56.5</b>

Table 76 Crude prevalence of dental caries for category A burials



	Subadult			Adult		
	No. teeth	No. affected	%	No. teeth	No. affected	%
Deciduous	710	83	11.7	6	0	-
Permanent	1578	138	8.7	7020	1393	19.8
<b>Total</b>	<b>2288</b>	<b>221</b>	<b>9.7</b>	<b>7026</b>	<b>1393</b>	<b>19.8</b>

Table 77 True prevalence of dental caries for category A burials

Age	Caries			No. sockets	Ante-mortem loss		Corrected caries %
	No. teeth	No. affected	%		No. affected	%	
1–5 years	445	57	12.8	729	7	1.0	13.0
6–11 years	803	57	7.1	1153	7	0.6	7.2
12–17 years	1031	107	10.4	1238	11	0.9	10.5
18–25 years	2244	411	18.3	2619	174	6.6	19.7
26–35 years	2390	484	20.3	3123	417	13.4	23.8
36–45 years	1646	320	19.4	2524	556	22.0	26.0
≥46 years	575	145	25.2	1260	556	44.1	49.6

Table 78 Corrected caries prevalence for category A burials

Age	Subadult			Adult			All		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	0	0	-	23	0	-
1–6 months	11	0	-	0	0	-	11	0	-
7–11 months	1	0	-	0	0	-	1	0	-
1–5 years	40	4	10.0	0	0	-	40	4	10.0
6–11 years	51	34	66.7	0	0	-	51	34	66.7
12–17 years	53	42	79.2	0	0	-	53	42	79.2
18–25 years	0	0	-	126	96	76.2	126	96	76.2
26–35 years	0	0	-	153	113	73.9	153	113	73.9
36–45 years	0	0	-	132	96	72.7	132	96	72.7
≥46 years	0	0	-	66	45	68.2	66	45	68.2
Adult	0	0	-	26	15	57.7	26	15	57.7
<b>Total</b>	<b>179</b>	<b>80</b>	<b>44.7</b>	<b>503</b>	<b>365</b>	<b>72.6</b>	<b>682</b>	<b>445</b>	<b>65.2</b>

Table 79 Crude prevalence of calculus for category A burials

	Subadult			Adult			All		
	No. teeth	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Deciduous	710	99	13.9	6	4	66.7	716	103	14.4
Permanent	1578	673	42.6	7020	4937	70.3	8598	5610	65.2
<b>Total</b>	<b>2288</b>	<b>772</b>	<b>33.7</b>	<b>7026</b>	<b>4941</b>	<b>70.3</b>	<b>9314</b>	<b>5713</b>	<b>61.3</b>

Table 80 True prevalence of calculus for category A burials

Severity	Subadult			Male			Female			Adult			All				
	No. teeth	No. affected	%	No. teeth	No. affected	%	No. teeth	No. affected	%	No. teeth	No. affected	%	No. teeth	No. affected	%		
Code 1	772	670	86.8	3146	1850	58.8	2505	981	39.2	4941	2850	57.7	5713	3520	61.6		
Code 2		65	8.4		463	14.7		264	10.5		733	14.8		798	14.0		
Code 3		15	1.9		127	4.0		34	1.4		163	3.3		178	3.1		
<b>Sub-gingival</b>																	
Code 1		18	2.3		580	18.4		379	15.1		979	19.8		997	17.5		
Code 2		3	0.4		113	3.6		70	2.8		188	3.8		191	3.3		
Code 3		1	0.1		13	0.4		15	0.6		28	0.6		29	0.5		
<b>Total</b>		<b>772</b>	<b>100</b>		<b>3146</b>	<b>100</b>		<b>1743</b>	<b>69.6</b>		<b>4941</b>	<b>100.0</b>		<b>5713</b>	<b>100</b>		

Table 81 True prevalence of calculus (supra-gingival and sub-gingival) for category A burials

Age	Subadult			Adult			All		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	0	0	-	23	0	-
1-6 months	11	0	-	0	0	-	11	0	-
7-11 months	1	0	-	0	0	-	1	0	-
1-5 years	40	7	17.5	0	0	-	40	7	17.5
6-11 years	51	24	47.1	0	0	-	51	24	47.1
12-17 years	53	28	52.8	0	0	-	53	28	52.8
18-25 years	0	0	-	126	62	49.2	126	62	49.2
26-35 years	0	0	-	153	63	41.2	153	63	41.2
36-45 years	0	0	-	132	50	37.9	132	50	37.9
≥46 years	0	0	-	66	19	28.8	66	19	28.8
Adult	0	0	-	26	6	23.1	26	6	23.1
<b>Total</b>	<b>179</b>	<b>59</b>	<b>33.0</b>	<b>503</b>	<b>200</b>	<b>39.8</b>	<b>682</b>	<b>259</b>	<b>38.0</b>

Table 82 Crude prevalence of enamel hypoplasia for category A burials

	Subadult			Adult			All		
	No. teeth	No. affected	%	No. teeth	No. affected	%	No. teeth	No. affected	%
Deciduous	710	34	4.8	6	0	-	716	34	4.7
Permanent	1578	294	18.6	7020	1112	15.8	8598	1406	16.4
<b>Total</b>	<b>2288</b>	<b>328</b>	<b>14.3</b>	<b>7026</b>	<b>1112</b>	<b>15.8</b>	<b>9314</b>	<b>1440</b>	<b>15.5</b>

Table 83 True prevalence of enamel hypoplasia for category A burials

	Subadult			Adults			Total		
	No. teeth	No. affected	%	No. teeth	No. affected	%	No. teeth	No. affected	%
Just discernible	328	205	62.5	1112	708	63.7	1440	913	63.4
Clear grooves		65	19.8		346	31.1		411	28.5
Gross defects		25	7.6		31	2.8		56	3.9
Circular defect		33	10.1		27	2.4		60	4.2

Table 84 Severity of enamel hypoplasia for category A burials

Age	Subadult			Adult			All		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	0	0	-	23	0	-
1-6 months	11	0	-	0	0	-	11	0	-
7-11 months	1	0	-	0	0	-	1	0	-
1-5 years	40	0	-	0	0	-	40	0	-
6-11 years	51	3	5.9	0	0	-	51	3	5.9
12-17 years	53	3	5.7	0	0	-	53	3	5.7
18-25 years	0	0	-	126	24	19.0	126	24	19.0
26-35 years	0	0	-	153	51	33.3	153	51	33.3
36-45 years	0	0	-	132	68	51.5	132	68	51.5
≥46 years	0	0	-	66	34	51.5	66	34	51.5
Adult	0	0	-	26	10	38.5	26	10	38.5
<b>Total</b>	<b>179</b>	<b>6</b>	<b>3.4</b>	<b>503</b>	<b>187</b>	<b>37.2</b>	<b>682</b>	<b>193</b>	<b>28.3</b>

Table 85 Crude prevalence of periodontal disease for category A burials

	Subadult			Adult			All		
	No. teeth	No. affected	%	No. teeth	No. affected	%	No. teeth	No. affected	%
Deciduous	1131	4	0.4	11	0	-	1142	4	0.4
Permanent	2311	12	0.5	9901	1282	12.9	12212	1294	10.6
<b>Total</b>	<b>3442</b>	<b>16</b>	<b>0.5</b>	<b>9912</b>	<b>1282</b>	<b>12.9</b>	<b>13354</b>	<b>1298</b>	<b>9.7</b>

Table 86 True prevalence of periodontal disease for category A burials

Age	Subadult			Adult			All		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	0	0	-	23	0	-
1-6 months	11	0	-	0	0	-	11	0	-
7-11 months	1	0	-	0	0	-	1	0	-
1-5 years	40	1	2.5	0	0	-	40	1	2.5
6-11 years	51	5	9.8	0	0	-	51	5	9.8
12-17 years	53	7	13.2	0	0	-	53	7	13.2
18-25 years	0	0	-	126	33	26.2	126	33	26.2
26-35 years	0	0	-	153	44	28.8	153	44	28.8
36-45 years	0	0	-	132	40	30.3	132	40	30.3
≥46 years	0	0	-	66	24	36.4	66	24	36.4
Adult	0	0	-	26	7	26.9	26	7	26.9
<b>Total</b>	<b>179</b>	<b>13</b>	<b>7.3</b>	<b>503</b>	<b>148</b>	<b>29.4</b>	<b>682</b>	<b>161</b>	<b>23.6</b>

Table 87 Crude prevalence of periapical lesions for category A burials

	Subadult			Adult			All		
	No. teeth	No. affected	%	No. teeth	No. affected	%	No. teeth	No. affected	%
Deciduous	1131	3	0.3	11	0	-	1142	3	0.3
Permanent	2311	12	0.5	9901	289	2.9	12212	301	2.5
<b>Total</b>	<b>3442</b>	<b>15</b>	<b>0.4</b>	<b>9912</b>	<b>289</b>	<b>2.9</b>	<b>13354</b>	<b>304</b>	<b>2.3</b>

Table 88 True prevalence of periapical lesions for category A burials

Age	Subadult			Adult			All		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	0	0	-	23	0	-
1-6 months	11	0	-	0	0	-	11	0	-
7-11 months	1	0	-	0	0	-	1	0	-
1-5 years	40	3	7.5	0	0	-	40	3	-
6-11 years	51	6	11.8	0	0	-	51	6	11.8
12-17 years	53	7	13.2	0	0	-	53	7	13.2
18-25 years	0	0	-	126	51	40.5	126	51	40.5
26-35 years	0	0	-	153	91	59.5	153	91	59.5
36-45 years	0	0	-	132	85	64.4	132	85	64.4
≥46 years	0	0	-	66	52	78.8	66	52	78.8
Adult	0	0	-	26	16	61.5	26	16	61.5
<b>Total</b>	<b>179</b>	<b>16</b>	<b>8.9</b>	<b>503</b>	<b>295</b>	<b>58.6</b>	<b>682</b>	<b>311</b>	<b>45.6</b>

Table 89 Crude prevalence of ante-mortem tooth loss for category A burials

	Subadult			Adult			All		
	No. teeth	No. affected	%	No. teeth	No. affected	%	No. teeth	No. affected	%
Deciduous	1131	7	0.6	11	2	18.2	1142	9	0.8
Permanent	2311	18	0.8	9901	1850	18.7	12212	1868	15.3
<b>Total</b>	<b>3442</b>	<b>25</b>	<b>0.7</b>	<b>9912</b>	<b>1852</b>	<b>18.7</b>	<b>13354</b>	<b>1877</b>	<b>14.1</b>

Table 90 True prevalence of ante-mortem tooth loss for category A burials

Male			Female			Adult		
No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
332	22	6.6	248	11	4.4	595	34	5.7

Table 91 Crude prevalence of adult congenital absence of teeth for category A burials

Anomaly	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Carabelli's cusp	179	2	1.1	283	5	1.8	210	1	0.5	503	6	1.2	682	8	1.2
Crowding		9	5.0		40	14.1		12	5.7		53	10.5		62	9.1
Enamel pearls		2	1.1		4	1.4		1	0.5		5	1.0		7	1.0
Impacted		4	2.2		16	5.7		18	8.6		34	6.8		38	5.6
Peg-shaped		0	-		3	1.1		5	2.4		8	1.6		8	1.2
Rotation		14	7.8		63	22.3		39	18.6		105	20.9		119	17.4
Shovel-shaped		1	0.6		8	2.8		0	-		8	1.6		9	1.3
Protostylid		0	-		3	1.1		1	0.5		5	1.0		5	0.7
Transposition		0	-		1	0.4		0	-		1	0.2		1	0.1

Table 92 Crude prevalence of dental anomalies for category A burials

Anomaly	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Carabelli's cusp	35	0	-	54	1	1.9	32	0	-	102	1	1.0	137	1	0.7
Crowding		2	5.7		3	5.6		1	3.1		4	3.9		6	4.4
Enamel pearls		0	-		1	1.9		0	-		1	1.0		1	0.7
Impacted		0	-		1	1.9		2	6.3		3	2.9		3	2.2
Peg-shaped		0	-		0	-		1	3.1		1	1.0		1	0.7
Rotation		2	5.7		7	13.0		4	12.5		12	11.8		14	10.2
Shovel-shaped		0	-		0	-		0	-		0	-		0	-
Protostylid		0	-		0	-		0	-		0	-		0	-
Transposition		0	-		0	-		0	-		0	-		0	-

Table 93 Crude prevalence of dental anomalies for category B burials

Anomaly	Deciduous			Permanent			Total		
	No. teeth	No. affected	%	No. teeth	No. affected	%	No. teeth	No. affected	%
Carabelli's cusp	710	0	-	1578	3	0.2	2288	3	0.1
Crowding		2	0.3		12	0.8		14	0.6
Enamel pearls		0	-		5	0.3		5	0.2
Impacted		1	0.1		4	0.3		5	0.2
Rotation		0	-		16	1.0		16	0.7
Shovel-shaped		0	-		1	0.1		1	-

Table 94 True prevalence of subadult dental anomalies for category A burials

Anomaly	Male			Female			Adult		
	No. teeth	No. affected	%	No. teeth	No. affected	%	No. teeth	No. affected	%
Carabelli's cusp	4416	6	0.1	2502	1	-	7026	7	0.1
Crowding		94	2.1		23	0.9		120	1.7
Enamel pearls		4	0.1		1	-		5	0.1
Impacted		22	0.5		18	0.7		40	0.6
Peg-shaped		4	0.1		6	0.2		10	0.1
Rotation		103	2.3		67	2.7		174	2.5
Shovel-shaped		14	0.3		0	-		14	0.2
Protostylid		6	0.1		1	-		8	0.1
Transposition		2	-		0	-		2	-

Table 95 True prevalence of adult dental anomalies for category A burials



Dental	Subadult			Male			Female			Adult			All		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Pipe notches	179	0	-	283	41	14.5	210	10	4.8	503	51	10.1	683	51	7.5
Dental staining		0	-		7	2.5		2	1.0		9	1.8			
Wear		4	2.2		4	1.4		2	1.0		8	1.6			
Trauma		0	-		4	1.4		4	1.9		8	1.6			
Other		10	5.6		21	7.4		12	5.7		34	6.8		44	6.4

Table 96 Crude prevalence of miscellaneous dental pathology for category A burials

Age	Male			Female			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
18–25 years	70	4	5.7	54	2	3.7	126	6	4.8
26–35 years	78	15	19.2	73	3	4.1	153	18	11.8
36–45 years	86	15	17.4	45	2	4.4	132	17	12.9
≥46 years	39	6	15.4	27	2	7.4	66	8	12.1
Adult	10	1	10.0	11	1	9.1	26	2	7.7
<b>Total</b>	<b>283</b>	<b>41</b>	<b>14.5</b>	<b>210</b>	<b>10</b>	<b>4.8</b>	<b>503</b>	<b>51</b>	<b>10.1</b>

Table 97 Crude prevalence of pipe notches for category A adults

INJURY, DISABILITY AND CARE: TRAUMA

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	-	-	-	-	-	-	-	-	-	23	0	-
1-6 months	11	0	-	-	-	-	-	-	-	-	-	-	11	0	-
7-11 months	1	0	-	-	-	-	-	-	-	-	-	-	1	0	-
1-5 years	40	0	-	-	-	-	-	-	-	-	-	-	40	0	-
6-11 years	51	3	5.9	-	-	-	-	-	-	-	-	-	51	3	5.9
12-17 years	53	3	5.7	-	-	-	-	-	-	-	-	-	53	3	5.7
18-25 years	-	-	-	70	20	28.6	54	8	14.8	126	29	23.0	126	29	23.0
26-35 years	-	-	-	78	30	38.5	73	16	21.9	153	46	30.1	153	46	30.1
36-45 years	-	-	-	86	39	45.3	45	10	22.2	132	50	37.9	132	50	37.9
≥46 years	-	-	-	39	18	46.2	27	9	33.3	66	27	40.9	66	27	40.9
Adult	-	-	-	10	3	30.0	11	3	27.3	26	7	26.9	26	7	26.9
<b>Total</b>	<b>179</b>	<b>6</b>	<b>3.4</b>	<b>283</b>	<b>110</b>	<b>38.9</b>	<b>210</b>	<b>46</b>	<b>21.9</b>	<b>503</b>	<b>159</b>	<b>31.6</b>	<b>682</b>	<b>165</b>	<b>24.2</b>
<b>Category B</b>															
Perinatal	4	0	-	-	-	-	-	-	-	-	-	-	4	0	-
1-6 months	0	0	-	-	-	-	-	-	-	-	-	-	0	0	-
7-11 months	0	0	-	-	-	-	-	-	-	-	-	-	0	0	-
1-5 years	12	2	16.7	-	-	-	-	-	-	-	-	-	12	2	16.7
6-11 years	6	0	-	-	-	-	-	-	-	-	-	-	6	0	-
12-17 years	13	2	15.4	-	-	-	-	-	-	-	-	-	13	2	15.4
18-25 years	-	-	-	11	2	18.2	15	3	20.0	27	5	18.5	27	5	18.5
26-35 years	-	-	-	16	8	50.0	8	2	25.0	24	10	41.7	24	10	41.7
36-45 years	-	-	-	13	7	53.8	3	0	-	16	7	43.8	16	7	43.8
≥46 years	-	-	-	10	8	80.0	5	1	20.0	16	10	62.5	16	10	62.5
Adult	-	-	-	4	2	50.0	1	0	-	19	6	31.6	19	6	31.6
<b>Total</b>	<b>35</b>	<b>4</b>	<b>11.4</b>	<b>54</b>	<b>27</b>	<b>50.0</b>	<b>32</b>	<b>6</b>	<b>18.8</b>	<b>102</b>	<b>38</b>	<b>37.3</b>	<b>137</b>	<b>42</b>	<b>30.7</b>

Table 98 Crude prevalence of trauma for category A and category B burials

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	-	-	-	-	-	-	-	-	-	23	0	-
1-6 months	11	0	-	-	-	-	-	-	-	-	-	-	11	0	-
7-11 months	1	0	-	-	-	-	-	-	-	-	-	-	1	0	-
1-5 years	40	0	-	-	-	-	-	-	-	-	-	-	40	0	-
6-11 years	51	2	3.9	-	-	-	-	-	-	-	-	-	51	2	3.9
12-17 years	53	3	5.7	-	-	-	-	-	-	-	-	-	53	3	5.7
18-25 years	-	-	-	70	18	25.7	54	6	11.1	126	24	19.0	126	24	19.0
26-35 years	-	-	-	78	25	32.1	73	14	19.2	153	39	25.5	153	39	25.5
36-45 years	-	-	-	86	32	37.2	45	9	20.0	132	42	31.8	132	42	31.8
≥46 years	-	-	-	39	14	35.9	27	9	33.3	66	23	34.8	66	23	34.8
Adult	-	-	-	10	1	10.0	11	3	27.3	26	5	19.2	26	5	19.2
<b>Total</b>	<b>179</b>	<b>5</b>	<b>2.8</b>	<b>283</b>	<b>90</b>	<b>31.8</b>	<b>210</b>	<b>41</b>	<b>19.5</b>	<b>503</b>	<b>133</b>	<b>26.4</b>	<b>682</b>	<b>138</b>	<b>20.2</b>
<b>Category B</b>															
Perinatal	4	0	-	-	-	-	-	-	-	-	-	-	4	0	-
1-6 months	0	0	-	-	-	-	-	-	-	-	-	-	0	0	-
7-11 months	0	0	-	-	-	-	-	-	-	-	-	-	0	0	-
1-5 years	12	2	16.7	-	-	-	-	-	-	-	-	-	12	2	16.7
6-11 years	6	0	-	-	-	-	-	-	-	-	-	-	6	0	-
12-17 years	13	2	15.4	-	-	-	-	-	-	-	-	-	13	2	15.4
18-25 years	-	-	-	11	2	18.2	15	2	13.3	27	4	14.8	27	4	14.8
26-35 years	-	-	-	16	6	37.5	8	2	25.0	24	8	33.3	24	8	33.3
36-45 years	-	-	-	13	6	46.2	3	-	-	16	6	37.5	16	6	37.5
≥46 years	-	-	-	10	7	70.0	5	1	20.0	16	8	50.0	16	8	50.0
Adult	-	-	-	4	1	25.0	1	-	-	19	3	15.8	19	3	15.8
<b>Total</b>	<b>35</b>	<b>4</b>	<b>11.4</b>	<b>54</b>	<b>22</b>	<b>40.7</b>	<b>32</b>	<b>5</b>	<b>15.6</b>	<b>102</b>	<b>29</b>	<b>28.4</b>	<b>137</b>	<b>33</b>	<b>24.1</b>

Table 99 Crude prevalence of fractures for category A and category B burials

Category A		Subadult			Male			Female			Adult			Total		
		No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
Frontal	right	141	0	-	206	1	0.5	149	3	2.0	366	4	1.1	504	4	0.8
	left	142	0	-	205	1	0.5	148	1	0.7	362	2	0.6	501	2	0.4
	total	283	0	-	411	2	0.5	297	4	1.3	772	6	0.8	1005	6	0.6
Parietal	right	148	0	-	211	1	0.5	153	0	-	371	1	0.3	519	1	0.2
	left	144	0	-	209	2	1.0	154	0	-	370	2	0.5	514	2	0.4
	total	292	0	-	420	3	0.7	307	0	-	741	3	0.4	1033	3	0.3
Petrous temporal	right	140	0	-	209	0	-	150	0	-	367	0	-	507	0	-
	left	145	0	-	206	1	0.5	150	0	-	363	1	0.3	508	1	0.2
	total	285	0	-	415	1	0.2	300	0	-	730	1	0.1	1015	1	0.1
Nasal	right	24	0	-	104	3	2.9	50	1	2.0	156	4	2.6	180	4	2.2
	left	23	0	-	105	3	2.9	21	1	4.8	159	4	2.5	182	4	2.2
	total	47	0	-	209	6	2.9	101	2	2.0	315	8	2.5	362	8	2.2
Zygomatic	right	96	0	-	160	1	0.6	109	0	-	274	1	0.4	370	1	0.3
	left	100	0	-	170	0	-	110	0	-	286	0	-	386	0	-
	total	196	0	-	330	1	0.3	219	0	-	560	1	0.2	756	1	0.1
<b>Category B</b>																
		Subadult			Male			Female			Adult			Total		
		No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
Frontal	right	20	0	-	36	0	-	20	0	-	56	0	-	76	0	-
	left	20	0	-	39	3	7.7	20	0	-	60	3	5.0	80	3	3.8
	total	40	0	-	75	3	4.0	40	0	-	116	3	2.6	156	3	1.9
Parietal	right	20	1	5.0	40	2	5.0	20	0	-	60	2	3.3	80	3	3.8
	left	20	0	-	38	4	10.5	20	0	-	59	4	6.8	79	4	5.1

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	total	40	1	2.5	78	6	7.7	40	0	-	119	6	5.0	159	7	4.4
Nasal	right	3	0	-	19	0	-	10	0	-	29	0	-	32	0	-
	left	3	0	-	19	1	5.3	10	0	-	29	1	3.4	32	1	3.1
	total	6	0	-	38	1	2.6	20	0	-	58	1	1.7	64	1	1.6

*Table 100 True prevalence of skull fractures for category A and category B burials*

		Subadult			Male			Female			Adult			Total		
Category A		No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
Rib cage	right	170	0	-	270	12	4.4	197	5	2.5	476	17	3.6	646	17	2.6
	left	168	0	-	266	12	4.5	186	4	2.2	461	16	3.5	629	16	2.5
	unsided	0	0	-	3	0	-	1	0	-	4	0	-	4	0	-
Category B																
Rib cage	right	29	1	3.4	50	2	4.0	28	0	-	81	2	2.5	110	3	2.7
	left	30	0	-	47	3	6.4	25	0	-	77	3	3.9	107	3	2.8
	unsided	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-

Table 101 Crude prevalence of category A and category B rib fractures by rib cage

Category A		Subadult			Male			Female			Adult			Total		
Cervical		No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
	5	139	0	-	210	1	0.5	149	0	-	365	1	0.3	504	1	0.2
	7	148	0	-	221	0	-	164	1	0.6	392	1	0.3	540	1	0.2
				-												
<b>Thoracic</b>	1	140	0	-	236	0	-	177	1	0.6	421	1	0.2	561	1	0.2
	4	146	0	-	241	1	0.4	173	0	-	421	1	0.2	567	1	0.2
	5	146	0	-	248	3	1.2	170	2	1.2	423	5	1.2	569	5	0.9
	6	142	0	-	244	10	4.1	176	5	2.8	426	15	3.5	568	15	2.6
	7	149	0	-	248	14	5.6	176	3	1.7	429	17	4.0	578	17	2.9
	8	150	0	-	249	14	5.6	179	7	3.9	435	21	4.8	585	21	3.6
	9	149	0	-	252	13	5.2	176	4	2.3	437	17	3.9	586	17	2.9
	10	148	0	-	253	11	4.3	179	2	1.1	438	13	3.0	586	13	2.2
	11	151	0	-	248	13	5.2	178	3	1.7	432	16	3.7	583	16	2.7
	12	153	0	-	257	10	3.9	170	3	1.8	434	13	3.0	587	13	2.2
<b>Lumbar</b>	1	146	0	-	261	5	1.9	178	1	0.6	444	6	1.4	590	6	1.0
	2	147	0	-	266	2	0.8	185	1	0.5	457	3	0.7	604	3	0.5
	3	147	1	0.7	262	3	1.1	176	1	0.6	446	4	0.9	593	5	0.8
	4	150	0	-	256	2	0.8	176	1	0.6	440	3	0.7	590	3	0.5
	5	144	0	-	255	1	0.4	176	2	1.1	438	3	0.7	582	3	0.5
<b>Sacral</b>	1	116	0	-	244	1	0.4	167	1	0.6	419	2	0.5	535	2	0.4
	3	80	0	-	193	0	-	110	1	0.9	307	1	0.3	387	1	0.3
	4	61	0	-	168	0	-	99	1	1.0	270	1	0.4	331	1	0.3
<b>Category B</b>																
<b>Cervical</b>	1	21	0	-	33	0	-	17	0	-	50	0	-	71	0	-
	2	22	0	-	34	0	-	16	0	-	50	0	-	72	0	-
	3	20	0	-	33	0	-	17	0	-	50	0	-	70	0	-
	4	21	0	-	37	0	-	15	0	-	52	0	-	73	0	-
	5	21	0	-	38	0	-	14	0	-	52	0	-	73	0	-
	6	22	0	-	36	0	-	16	0	-	53	0	-	75	0	-

	7	24	0	-	38	0	-	18	0	-	57	0	-	81	0	-
<b>Thoracic</b>	5	23	0	-	39	0	-	21	2	9.5	62	2	3.2	85	2	2.4
	6	24	0	-	41	2	4.9	23	2	8.7	66	4	6.1	90	4	4.4
	7	24	0	-	41	2	4.9	24	1	4.2	67	3	4.5	91	3	3.3
	8	25	0	-	40	1	2.5	23	1	4.3	67	2	3.0	92	2	2.2
	9	23	0	-	39	1	2.6	22	1	4.5	65	2	3.1	88	2	2.3
	10	21	0	-	40	2	5.0	22	0	-	66	2	3.0	87	2	2.3
	11	23	0	-	40	2	5.0	21	0	-	65	2	3.1	88	2	2.3
	12	23	0	-	36	1	2.8	23	0	-	63	1	1.6	86	1	1.2
<b>Lumbar</b>	1	23	1	4.3	39	1	2.6	23	0	-	67	2	3.0	90	2	2.2
	5	28	0	-	42	0	-	19	1	5.3	62	1	1.6	90	1	1.1

Table 102 True prevalence of vertebral fractures for category A and category B burials



	<b>Right femur</b>	<b>Left femur</b>
Male	90.8	88.8
Female	87.5	86
All adults	89.4	87.6

*Table 103 Platymetric index (mean) for category A*

	<b>Right tibia</b>	<b>Left tibia</b>
Male	74.5	74
Female	75.1	74.2
All adults	74.8	74.1

*Table 104 Platycnemic index (mean) for category A*

		Subadult			Male			Female			Adult			Total		
Category A		No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
Clavicle	right	130	1	0.8	216	1	0.5	86	1	1.2	175	2	1.1	210	3	1.4
	left	132	0	-	233	2	0.9	88	0	-	173	2	1.2	207	2	1.0
	total	262	1	0.4	449	3	0.7	174	1	0.6	348	4	1.1	417	5	1.2
Humerus	right	150	0	-	235	4	1.7	104	1	1.0	215	5	2.3	256	5	2.0
	left	174	0	-	238	2	0.8	101	2	2.0	211	4	1.9	248	4	1.6
	total	297	0	-	473	6	1.3	205	3	1.5	426	9	2.1	504	9	1.8
Radius	right	141	0	-	242	1	0.4	92	0	-	192	1	0.5	225	1	0.4
	left	136	0	-	237	4	1.7	95	0	-	196	4	2.0	223	4	1.8
	total	277	0	-	479	5	1.0	187	0	-	388	5	1.3	448	5	1.1
Ulna	right	140	0	-	242	1	0.4	96	1	1.0	200	2	1.0	233	2	0.9
	left	140	0	-	244	6	2.5	94	3	3.2	202	9	4.5	228	9	3.9
	total	280	0	-	486	7	1.4	190	4	2.1	402	11	2.7	463	11	2.4
Femur	right	153	1	0.7	257	2	0.8	106	0	-	218	3	1.4	266	3	1.1
	left	159	0	-	258	2	0.8	105	1	1.0	217	3	1.4	262	3	1.1
	total	312	1	0.3	515	4	0.8	211	1	0.5	435	6	1.4	528	6	1.1
Tibia	right	130	0	-	107	4	3.7	158	3	1.9	381	8	2.1	511	8	1.6
	left	123	2	1.6	222	4	1.8	161	0	-	392	4	1.0	515	6	1.2
	total	253	2	0.8	329	8	2.4	319	3	0.9	773	12	1.6	1026	14	1.4
Fibula	right	123	0	-	190	3	1.6	143	2	1.4	342	5	1.5	465	5	1.1
	left	120	0	-	205	3	1.5	140	0	-	353	3	0.8	473	3	0.6
	total	243	0	-	395	6	1.5	283	2	0.7	695	8	1.2	938	8	0.9
<b>Category B</b>																
Humerus	right	27	0	-	31	1	3.2	21	0	-	52	1	1.9	79	1	1.3
	left	23	1	4.3	40	0	-	22	0	-	67	1	1.5	90	1	1.1

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	total	50	1	2.0	71	1	1.4	43	0	-	119	2	1.7	169	2	1.2
Radius	right	24	0	-	31	0	-	20	0	-	52	0	-	76	0	-
	left	20	0	-	40	0	-	26	1	3.8	70	1	1.4	90	1	1.1
	total	44	0	-	71	0	-	46	1	2.2	122	1	0.8	166	1	0.6
Ulna	right	22	0	-	31	0	-	21	0	-	53	0	-	75	0	-
	left	24	0	-	39	0	-	25	1	4.0	68	1	1.5	92	1	1.1
	total	46	0	-	70	0	-	46	1	2.2	121	1	0.8	167	1	0.6
Femur	right	28	0	-	35	0	-	24	0	-	61	0	-	89	0	-
	left	28	0	-	37	1	2.7	25	0	-	65	2	3.1	93	2	2.2
	total	56	0	-	72	1	1.4	49	0	-	126	2	1.6	182	2	1.1
Tibia	right	25	0	-	32	2	6.3	20	0	-	61	2	3.3	86	2	2.3
	left	24	0	-	33	1	3.0	21	0	-	62	2	3.2	86	2	2.3
	total	49	0	-	65	3	4.6	41	0	-	123	4	3.3	172	4	2.3
Fibula	right	20	0	-	31	2	6.5	17	0	-	56	2	3.6	76	2	2.6
	left	23	0	-	32	3	9.4	19	0	-	59	4	6.8	82	4	4.9
	total	43	0	-	63	5	7.9	36	0	-	115	6	5.2	158	6	3.8

*Table 105 True prevalence of long bone fractures for category A and category B burials*

Category A		Subadult			Male			Female			Adult			Total		
		No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
Sternum	body	39	0	-	142	1	0.7	74	0	-	219	1	0.5	292	1	0.3
L Scapula	left total	137	0	-	226	2	0.9	156	0	-	388	2	0.5	525	2	0.4
	L glenoid	142	0	-	223	1	0.4	155	0	-	382	1	0.3	524	1	0.2
	L blade	133	0	-	225	1	0.4	159	0	-	390	1	0.3	523	1	0.2
Ilium	right	155	0	-	264	3	1.1	189	0	-	463	3	0.6	618	3	0.5
	left	151	0	-	266	1	0.4	190	0	-	464	1	0.2	615	1	0.2
R hand	scaphoid	25	0	-	131	1	0.8	89	0	-	223	1	0.4	248	1	0.4
	trapezium	11	0	-	79	0	-	53	1	1.9	134	1	0.7	145	1	0.7
	mc1	68	0	-	189	2	1.1	132	2	1.5	326	4	1.2	394	4	1.0
	mc4	81	0	-	191	0	-	152	1	0.7	350	1	0.3	431	1	0.2
	mc5	68	0	-	184	1	0.5	139	0	-	325	1	0.3	393	1	0.3
	M prox phalanges	244	0	-	862	2	0.2	573	0	-	1453	2	0.1	1697	2	0.1
	M int phalanges	81	0	-	428	0	-	286	1	0.3	728	1	0.1	809	1	0.1
<b>L hand</b>	triquatral	10	0	-	78	0	-	43	1	2.3	122	1	0.8	132	1	0.8
	trapezium	8	0	-	92	0	-	46	1	2.2	140	1	0.7	148	1	0.7
	mc1	54	0	-	185	2	1.1	127	2	1.6	319	4	1.3	373	4	1.1
	mc2	88	0	-	211	1	0.5	154	0	-	372	1	0.3	460	1	0.2
	mc3	83	0	-	207	3	1.4	148	0	-	361	3	0.8	444	3	0.7
	mc4	77	0	-	193	1	0.5	137	0	-	334	1	0.3	411	1	0.2
	mc5	61	0	-	173	1	0.6	124	0	-	300	1	0.3	361	1	0.3
	M int phalanges unsided	52	0	-	71	0	-	31	1	3.2	102	1	1.0	154	1	0.6

R foot	talus	66	0	-	172	2	1.2	108	0	-	287	2	0.7	353	2	0.6
	calcaneus	75	0	-	168	2	1.2	122	0	-	296	2	0.7	371	2	0.5
	mt2	67	0	-	163	2	1.2	110	0	-	280	2	0.7	347	2	0.6
	mt3	68	0	-	158	1	0.6	114	0	-	280	1	0.4	348	1	0.3
	mt4	62	0	-	155	0	-	118	0	-	280	1	0.4	342	1	0.3
	mt5	53	0	-	148	0	-	107	1	0.9	261	1	0.4	314	1	0.3
L foot	mt5	60	0	-	156	2	1.3	116	0	-	279	2	0.7	339	2	0.6
<b>Category B</b>																
R hand	mc3	13	0	-	32	1	3.1	17	0	-	51	1	2.0	64	1	1.6
L hand	mc1	6	0	-	24	2	8.3	15	0	-	40	2	5.0	46	2	4.3
L foot	mt2	9	0	-	22	1	4.5	14	0	-	42	1	2.4	51	1	2.0
	mt3	9	0	-	21	1	4.8	16	0	-	42	1	2.4	51	1	2.0
	mt4	9	0	-	20	1	5.0	14	0	-	39	1	2.6	48	1	2.1
	mt5	8	0	-	20	1	5.0	15	0	-	40	1	2.5	48	1	2.1

Table 106 True prevalence of other fracture locations for category A and category B burials

Age	Subadult			Male			Female			Adult			Total		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	-	-	-	-	-	-	-	-	-	23	0	-
1-6 months	11	0	-	-	-	-	-	-	-	-	-	-	11	0	-
7-11 months	1	0	-	-	-	-	-	-	-	-	-	-	1	0	-
1-5 years	40	0	-	-	-	-	-	-	-	-	-	-	40	0	-
6-11 years	51	0	-	-	-	-	-	-	-	-	-	-	51	0	-
12-17 years	53	1	1.9	-	-	-	-	-	-	-	-	-	53	1	1.9
18-25 years	-	-	-	70	7	10.0	54	0	-	126	7	5.6	126	7	5.6
26-35 years	-	-	-	78	11	14.1	73	1	1.4	153	12	7.8	153	12	7.8
36-45 years	-	-	-	86	12	14.0	45	1	2.2	132	13	9.8	132	13	9.8
≥46 years	-	-	-	39	4	10.3	27	0	-	66	4	6.1	66	4	6.1
Adult	-	-	-	10	1	10.0	11	0	-	26	1	3.8	26	1	3.8
<b>Total</b>	<b>179</b>	<b>1</b>	<b>0.6</b>	<b>283</b>	<b>30</b>	<b>10.6</b>	<b>210</b>	<b>2</b>	<b>1.0</b>	<b>503</b>	<b>37</b>	<b>7.4</b>	<b>682</b>	<b>38</b>	<b>5.6</b>
<b>Category B</b>															
Perinatal	4	0	-	-	-	-	-	-	-	-	-	-	4	0	-
1-6 months	0	0	-	-	-	-	-	-	-	-	-	-	0	0	-
7-11 months	0	0	-	-	-	-	-	-	-	-	-	-	0	0	-
1-5 years	12	0	-	-	-	-	-	-	-	-	-	-	12	0	-
6-11 years	6	0	-	-	-	-	-	-	-	-	-	-	6	0	-
12-17 years	13	0	-	-	-	-	-	-	-	-	-	-	13	0	-
18-25 years	-	-	-	11	0	-	15	0	-	27	0	-	27	0	-
26-35 years	-	-	-	16	2	12.5	8	1	12.5	24	3	12.5	24	3	12.5
36-45 years	-	-	-	13	2	15.4	3	0	-	16	2	12.5	16	2	12.5
≥46 years	-	-	-	10	4	40.0	5	0	-	16	4	25.0	16	4	25.0
Adult	-	-	-	4	1	25.0	1	0	-	19	3	15.8	19	3	15.8
<b>Total</b>	<b>35</b>	<b>0</b>	<b>-</b>	<b>54</b>	<b>7</b>	<b>13.0</b>	<b>32</b>	<b>1</b>	<b>3.1</b>	<b>102</b>	<b>12</b>	<b>11.8</b>	<b>137</b>	<b>12</b>	<b>8.8</b>

Table 107 Crude prevalence of soft tissue trauma in category A and category B burials

*The New Churchyard (XSM10): osteological data tables*

<b>Category A</b>			
<b>Element</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>
L4	1	0	1
R clavicle	4	0	4
L clavicle	4	0	4
R humerus	1	0	1
L humerus	2	0	2
L ilium	1	0	1
R femur	4	0	4
L femur	6	0	6
R patella	5	0	5
L patella	3	0	3
R tibia	3	0	3
L tibia	5	1	6
L fibula	1	0	1
R calcaneum	1	0	1
L calcaneum	1	0	1
<b>Total</b>	<b>42</b>	<b>1</b>	<b>43</b>
<b>Category B</b>			
R clavicle	1	0	1
L clavicle	1	0	1
R scapula	1	0	1
L scapula	1	0	1
L femur	2	0	2
R patella	1	0	1
L patella	1	0	1
L tibia	1	0	1
R mt1	0	0	1
<b>Total</b>	<b>9</b>	<b>0</b>	<b>10</b>

*Table 108 Distribution of soft tissue enthesophytes for category A and category B burials*

JOINT DISEASE

		OA		OP		SN		IVD		Fusion	
Category A	No. of individuals	No. affected	%	No. affected	%	No. affected	%	No. affected	%	No. affected	%
Male	283	163	57.6	185	65.4	210	74.2	99	35.0	20	7.1
Female	210	101	48.1	130	61.9	105	50.0	68	32.4	12	5.7
Adult	503	270	53.7	322	64.0	319	63.4	173	34.4	36	7.2
<b>Category B</b>											
Male	54	32	59.3	34	63.0	32	59.3	17	31.5	2	3.7
Female	32	14	43.8	14	43.8	13	40.6	10	31.3	2	6.3
Adult	102	48	47.1	49	48.0	47	46.1	28	27.5	6	5.9

Table 109 Crude prevalence of adult spinal joint disease for category A and category B burials

		OA		OP		SN		IVD		Fusion	
Category A	No. observed	No. affected	%	No. affected	%	No. affected	%	No. affected	%	No. affected	%
Male	6383	953	14.9	1531	24.0	1372	21.5	353	5.7	48	0.8
Female	4613	553	12.0	955	20.7	516	11.2	295	6.6	18	0.4
Adult	11192	1533	13.7	2514	22.5	1901	17.0	660	6.1	70	0.6
<b>Category B</b>											
Male	1070	212	19.8	310	29.0	189	17.7	80	7.7	4	0.4
Female	554	47	8.5	110	19.9	39	7.0	49	9.2	7	1.3
Adult	1676	265	15.8	434	25.9	240	14.3	136	8.4	15	0.9

Table 110 True prevalence of adult spinal joint disease for category A and category B burials



Age	Male			Female			All adults		
Category A	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
18–25 years	70	4	5.7	54	5	9.3	126	9	7.1
26–35 years	78	6	7.7	73	8	11.0	153	14	9.2
36–45 years	86	15	17.4	45	7	15.6	132	23	17.4
≥46 years	39	19	48.7	27	13	48.1	66	32	48.5
Adult	10	3	30.0	11	2	18.2	26	7	26.9
<b>Total</b>	<b>283</b>	<b>47</b>	<b>16.6</b>	<b>210</b>	<b>35</b>	<b>16.7</b>	<b>503</b>	<b>85</b>	<b>16.9</b>
<b>Category B</b>									
18–25 years	11	1	9.1	15	1	6.7	27	2	7.4
26–35 years	16	2	12.5	8	0	-	24	2	8.3
36–45 years	13	3	23.1	3	0	-	16	3	18.8
≥46 years	10	2	20.0	5	2	40.0	16	5	31.3
Adult	4	1	25.0	1	0	-	19	3	15.8
<b>Total</b>	<b>54</b>	<b>9</b>	<b>16.7</b>	<b>32</b>	<b>3</b>	<b>9.4</b>	<b>102</b>	<b>15</b>	<b>14.7</b>

Table 111 Crude prevalence rates of adult primary extra-spinal osteoarthritis for category A and category B burials

Category A burials		Male			Female			Adult			Total		
Joint	Side	N	OA	%	N	OA	%	N	OA	%	N	OA	%
Acromioclavicular	L	213	4	1.9	143	2	1.4	363	6	1.7	442	6	1.4
	R	207	2	1.0	151	0	-	363	2	0.6	438	2	0.5
	Total	420	6	1.4	294	2	0.7	726	8	1.1	880	8	0.9
Coxal	L	264	6	2.3	190	3	1.6	462	9	1.9	573	9	1.6
	R	264	5	1.9	196	2	1.0	470	7	1.5	580	7	1.2
	Total	528	11	2.1	386	5	1.3	932	16	1.7	1153	16	1.4
Distal radioulnar	L	223	4	1.8	151	1	0.7	380	5	1.3	405	5	1.2
	R	222	1	0.5	155	1	0.6	381	2	0.5	409	2	0.5
	Total	445	5	1.1	306	2	0.7	761	7	0.9	814	7	0.9
Femoropatellar	L	242	3	1.2	164	3	1.8	415	6	1.4	500	6	1.2
	R	239	3	1.3	169	2	1.2	418	5	1.2	505	5	1.0
	Total	481	6	1.2	333	5	1.5	833	11	1.3	1005	11	1.1
Femorotibial: lateral	L	233	1	0.4	160	1	0.6	402	2	0.5	492	2	0.4
	R	232	1	0.4	161	2	1.2	402	4	1.0	501	4	0.8
	Total	465	2	0.4	321	3	0.9	804	6	0.7	993	6	0.6
Femorotibial: medial	L	238	2	0.8	166	2	1.2	413	4	1.0	505	4	0.8
	R	237	2	0.8	158	0	-	404	2	0.5	505	2	0.4
	Total	475	4	0.8	324	2	0.6	817	6	0.7	1010	6	0.6
Glenohumeral	L	236	2	0.8	168	0	-	410	2	0.5	501	2	0.4
	R	224	1	0.4	169	0	-	400	1	0.3	494	1	0.2
	Total	460	3	0.7	337	0	-	810	3	0.4	995	3	0.3
Humeroradial	L	242	2	0.8	166	1	0.6	415	3	0.7	459	3	0.7
	R	236	4	1.7	169	2	1.2	412	7	1.7	457	7	1.5
	Total	478	6	1.3	335	3	0.9	827	10	1.2	916	10	1.1

*The New Churchyard (XSM10): osteological data tables*

Humeroulnar	L	253	2	0.8	183	0	-	445	2	0.4	502	2	0.4
	R	248	1	0.4	180	1	0.6	437	2	0.5	501	2	0.4
	Total	501	3	0.6	363	1	0.3	882	4	0.5	1003	4	0.4
Proximal radioulnar	L	240	0	-	175	0	-	423	0	-	473	0	-
	R	239	2	-	174	0	-	421	2	-	476	2	-
	Total	479	2	0.4	349	0	-	844	2	0.2	949	2	0.2
Proximal tibiofibular	L	151	0	-	95	0	-	251	0	-	284	0	-
	R	153	0	-	91	0	-	248	0	-	288	0	-
	Total	304	0	-	186	0	-	499	0	-	572	0	-
Radiocarpal: for lunate	L	187	1	0.5	123	1	0.8	314	2	0.6	341	2	0.6
	R	194	0	-	129	0	-	326	0	-	354	0	-
	Total	381	1	0.3	252	1	0.4	640	2	0.3	695	2	0.3
Radiocarpal: for scaphoid	L	186	1	0.5	124	1	0.8	313	2	0.6	340	2	0.6
	R	193	2	1.0	126	0	-	322	2	0.6	350	2	0.6
	Total	379	3	0.8	250	1	0.4	635	4	0.6	690	4	0.6
Sternoclavicular	L	208	0	-	142	0	-	357	0	-	422	0	-
	R	203	1	0.5	142	0	-	351	1	0.3	416	1	0.2
	Total	411	1	0.2	284	0	-	708	1	0.1	838	1	0.1
Talocrural	L	197	1	0.5	135	2	1.5	338	3	0.9	394	3	0.8
	R	178	0	-	128	0	-	314	0	-	378	0	-
	Total	375	1	0.3	263	2	0.8	652	3	0.5	772	3	0.4
Talofibular	L	137	0	-	93	0	-	234	0	-	261	0	-
	R	142	2	1.4	98	0	-	244	2	0.8	272	2	0.7
	Total	279	2	0.7	191	0	-	478	2	0.4	533	2	0.4
Temporomandibular	L	215	4	1.9	156	2	1.3	378	6	1.6	480	6	1.3
	R	217	2	0.9	158	6	3.8	381	8	2.1	484	8	1.7
	Total	432	6	1.4	314	8	2.5	759	14	1.8	964	14	1.5

The New Churchyard (XSM10): osteological data tables

Category B burials		Male			Female			Adult			Total		
Joint	Side	N	OA	%	N	OA	%	N	OA	%	N	OA	%
Acromioclavicular	L	36	0	-	19	0	-	58	0	-	69	0	-
	R	36	0	-	18	0	-	55	1	1.8	66	1	1.5
	Total	72	0	-	37	0	-	113	1	0.9	135	1	0.7
Coxal	L	43	0	-	27	0	-	71	0	-	91	0	-
	R	40	0	-	25	1	4.0	65	1	1.5	84	1	1.2
	Total	83	0	-	52	1	1.9	136	1	0.7	175	1	0.6
Distal radioulnar	L	33	1	3.0	21	0	-	57	3	5.3	61	3	4.9
	R	29	0	-	20	0	-	50	0	-	53	0	-
	Total	62	1	1.6	41	0	-	107	3	2.8	114	3	2.6
Femorotibial: lateral	L	33	0	-	23	0	-	62	0	-	78	0	-
	R	31	1	3.2	24	0	-	62	1	1.6	78	1	1.3
	Total	64	1	1.6	47	0	-	124	1	0.8	156	1	0.6
Femorotibial: medial	L	34	0	-	22	0	-	63	0	-	80	0	-
	R	31	1	3.2	23	0	-	61	1	1.6	76	1	1.3
	Total	65	1	1.5	45	0	-	124	1	0.8	156	1	0.6
Humeroradial	L	41	0	-	25	0	-	71	1	1.4	78	1	1.3
	R	31	0	-	20	0	-	52	0	-	62	0	-
	Total	72	0	-	45	0	-	123	1	0.8	140	1	0.7

Table 112 True prevalence of osteoarthritis by joint for category A and category B burials

Border shift	Male			Female			All adults			Subadult			All individuals		
	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
<b>Occipitocervical border</b>	229	2	0.9	168	1	0.6	405	4	1.0	157	2	1.3	562	6	1.1
Precondylar process	229	1	0.4	168	1	0.6	405	3	0.7	157	1	0.6	562	4	0.7
Atlas occipitalised	229	1	0.4	168	0	-	405	1	0.2	157	0	-	562	1	0.2
Paracondylar process R	229	1	0.4	168	0	-	405	1	0.2	157	0	-	562	1	0.2
Precondylar facets	229	0	-	168	0	-	405	1	0.2	157	1	0.6	562	2	0.4
<b>Cervicothoracic border</b>	242	0	-	183	1	0.5	433	1	0.2	152	0	-	585	1	0.2
Expression of cervical rib: rib extensions without costal joint	242	0	-	183	1	0.5	433	1	0.2	152	0	-	585	1	0.2
<b>Thoracolumbar border</b>	265	10	3.8	185	5	2.7	457	17	3.7	157	0	-	614	17	2.8
Transitional facets on 11th thoracic vertebra	265	7	2.6	185	2	1.1	457	10	2.2	157	0	-	614	10	1.6
13th thoracic vertebra present	265	2	0.8	185	0	-	457	2	0.4	157	0	-	614	2	0.3
Lumbar rib and facet on 1st lumbar vertebra	265	1	0.4	185	0	-	457	1	0.2	157	0	-	614	1	0.2
Transitional facet on 1st lumbar vertebra	265	0	-	185	3	1.6	457	4	0.9	157	0	-	614	4	0.7
<b>Lumbosacral Border</b>	262	12	4.6	186	11	5.9	456	28	6.1	149	0	-	605	28	4.6
Ala-like transverse process on 5th lumbar vertebra - non articulating (left)	262	0	-	186	1	0.5	456	1	0.2	149	0	-	605	1	0.2
Ala-like transverse process on 5th lumbar vertebra - articulating (left-partial sacralisation)	262	0	-	186	1	0.5	456	1	0.2	149	0	-	605	1	0.2
Ala-like transverse process on 5th lumbar vertebra - articulating (right - partial sacralisation)	262	1	0.4	186	0	-	456	1	0.2	149	0	-	605	1	0.2
Complete sacralisation of 5th lumbar vertebra	262	2	0.8	186	1	0.5	456	6	1.3	149	1	0.7	605	7	1.2
Ala-like transverse process on 6th lumbar vertebra - non articulating (right)	262	1	0.4	186	0	-	456	1	0.2	149	0	-	605	1	0.2
Ala-like transverse process on 6th lumbar vertebra - articulating (left-partial sacralisation)	262	0	-	186	1	0.5	456	1	0.2	149	0	-	605	1	0.2
Ala-like transverse process on 6th lumbar vertebra - articulating (right - partial sacralisation)	262	0	-	186	1	0.5	456	1	0.2	149	0	-	605	1	0.2
6th lumbar vertebra present (no ala like wings, non-articulating)	262	1	0.4	186	2	1.1	456	5	1.1	149	0	-	605	5	0.8
Complete sacralisation of 6th lumbar vertebra	262	6	2.3	186	0	-	456	6	1.3	149	0	-	605	6	1.0
Apophyseal joints between 1st and 2nd sacral vertebrae	262	0	-	186	2	1.1	456	2	0.4	149	0	-	605	2	0.3

*The New Churchyard (XSM10): osteological data tables*

1st and 2nd sacral vertebrae apophyseal joints and anterior cleft	262	1	0.4	186	0	-	456	1	0.2	149	0	-	605	1	0.2
Complete lumbarisation of 1st sacral vertebra (bilateral)	262	0	-	186	2	1.1	456	2	0.4	149	0	-	605	2	0.3
<b>Sacrocaudal border</b>	137	5	3.6	89	2	2.2	229	7	3.1	39	0	-	268	7	2.6
Incomplete sacralisation of 1st caudal vertebrae	137	4	2.9	89	1	1.1	229	5	2.2	39	0	-	268	5	1.9
Complete sacralisation of 1st caudal vertebrae	137	1	0.7	89	1	1.1	229	2	0.9	39	0	-	268	2	0.7

*Table 113 Vertebral border shifts of category A burials*

Element	Male			Female			Adult			Subadult			Total		
	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%	No. observed	No. affected	%
C1	204	2	1.0	143	1	0.7	353	3	0.8	133	0	-	486	3	0.6
C2	207	1	0.5	152	0	-	365	1	0.3	124	0	-	489	1	0.2
T1	230	1	0.4	173	0	-	411	1	0.2	134	0	-	545	1	0.2
T11	230	1	0.4	163	0	-	397	1	0.3	142	0	-	539	1	0.2
T12	242	1	0.4	156	0	-	405	1	0.2	145	0	-	550	1	0.2
L4	424	1	0.2	144	0	-	249	1	0.4	144	1	0.7	393	2	0.5
L5	251	3	1.2	170	0	-	427	3	0.7	135	5	3.7	562	8	1.4
S1	240	5	2.1	157	6	3.8	404	12	3.0	108	3	2.8	512	15	2.9
S2	183	2	1.1	111	1	0.9	298	4	1.3	81	1	1.2	379	5	1.3
S3	166	6	3.6	94	2	2.1	264	9	3.4	70	1	1.4	334	10	3.0
S4	152	19	12.5	90	10	11.1	245	30	12.2	55	1	1.8	300	31	10.3
S5	132	24	18.2	81	15	18.5	216	40	18.5	36	0	-	252	40	15.9
All vertebrae	2661	66	2.5	1634	35	2.1	4034	106	2.6	1307	12	0.9	5341	118	2.2

Table 114 True prevalence of neural arch non-union for category A burials

Sex	Elements			Individuals		
	No. observed	No. affected	%	No. of individuals	No. affected	%
Male	331	16	4.8	283	5	1.8
Female	234	8	3.4	210	4	1.9
Adults	579	24	4.1	503	9	1.8
All individuals	709	24	3.4	682	9	1.3

*Table 115 Crude and true prevalence of hallux valgus for category A burials*

Sex	Elements					
	No. observed		No. affected		%	
	Right	Left	Right	Left	Right	Left
Male	162	169	8	8	4.9	4.7
Female	115	119	4	4	3.5	3.4
<b>Total</b>	<b>277</b>	<b>288</b>	<b>12</b>	<b>12</b>	<b>4.3</b>	<b>4.2</b>

*Table 116 True prevalence of hallux valgus by side for category A burials*



Age	Subadult			Male			Female			Adult			All		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Perinatal	23	0	-	0	0	-	0	0	-	0	0	-	23	0	-
1–6 months	11	0	-	0	0	-	0	0	-	0	0	-	11	0	-
7–11 months	1	0	-	0	0	-	0	0	-	0	0	-	1	0	-
1–5 years	40	0	-	0	0	-	0	0	-	0	0	-	40	0	-
6–11 years	51	1	2.0	0	0	-	0	0	-	0	0	-	51	1	2.0
12–17 years	53	3	5.7	0	0	-	0	0	-	0	0	-	53	3	5.7
18–25 years	0	0	-	70	6	8.6	54	0	-	126	6	4.8	126	6	4.8
26–35 years	0	0	-	78	5	6.4	73	2	2.7	153	7	4.6	153	7	4.6
36–45 years	0	0	-	86	10	11.6	45	2	4.4	132	12	9.1	132	12	9.1
≥46 years	0	0	-	39	2	5.1	27	1	3.7	66	3	4.5	66	3	4.5
Adult	0	0	-	10	2	20.0	11	1	9.1	26	3	11.5	26	3	11.5
<b>Total</b>	<b>179</b>	<b>4</b>	<b>2.2</b>	<b>283</b>	<b>25</b>	<b>8.8</b>	<b>210</b>	<b>6</b>	<b>2.9</b>	<b>503</b>	<b>31</b>	<b>6.2</b>	<b>682</b>	<b>35</b>	<b>5.1</b>

Table 117 Crude prevalence of circulatory disease for category A burials

Circulatory pathology	Subadult			Male			Female			Adult			All		
	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%	No. of individuals	No. affected	%
Osteochondroses	179	0	-	283	1	0.4	210	0	-	503	1	0.2	683	1	0.1
Osteochondritis dissecans		2	1.1		15	5.3		5	2.4		20	4.0		22	3.2
Perthes disease		0	-		1	0.4		0	-		1	0.2		1	0.1
Osgood-Schlatter's disease		0	-		1	0.4		0	-		1	0.2		1	0.1
Scheuermann's disease		1	0.6		5	1.8		1	0.5		6	1.2		7	1.0
Femoral head necrosis		0	-		1	0.4		0	-		1	0.2		1	0.1
Slipped femoral epiphysis		1	0.6		1	0.4		0	-		1	0.2		2	0.3
Hypertrophic osteoarthropathy		0	-		0	-		1	0.5		1	0.2		1	0.1

Table 118 Circulatory diseases present for category A burials

	<b>No. of individuals</b>	<b>No. affected</b>	<b>%</b>
Subadults	179	1	0.6
All adults	503	5	1.0
Male	283	5	1.8
Female	210	0	0
All individuals	682	6	0.9

*Table 119 Crude prevalence of Scheuermann's disease for category A burials*

	<b>No. of individuals</b>	<b>No. affected</b>	<b>%</b>
Subadults	179	2	1.1
All adults	503	21	4.2
Male	283	15	5.3
Female	210	5	2.4
All individuals	682	23	3.4

*Table 120 Crude prevalence of osteochondritis dissecans for category A burials*