

	62	Cardal, Lower Lurin	Vradenburg 2001			0	C coast	MF		2	-1100	-800	1	18	0	18	1	10	0	10	0	8	0	8	0	8	1	0	Drawing from summary in Vega Dulanto 2016:82, cites Vradenburg 2001:Table 24.
	116	Asia, Asia Baja, León Dormido, coast south of Lurin (Mala and Omas Valleys)	Vega Dulanto 2016:311			0	C coast	EF-LF		3	-1500	-400	0	19	0	19	0	11	0	11	0	8	0	8	0	4	0	0	The data for the Asia (EF) and Asia baja site (LF) and the León Dormido sites (LF?) were combined in the dissertation. This sample is about 2/3 LF.
	162	El Brujo (Paredones), Chicama	Mujica 2007: 62-65	Cupisnique		0	N coast	MF-LF		3	-1200	-500	1	6	0	6	1	4	0	4	0	2	0	2			3	0	3 healed fractures on adult male possibly from star mace
	97	Kuntur Wasi, Cajamarca region	Matsumura et al. 1997			0	N highlands	LF		3	-800	-500	1	2	1	2	1	2	1	2	0	0			0	0		0	One probable perimortem injury reported from LF, but no others. Not sure small depression fratures would have been reported. Skulls are in quite good shape.
	131	Pacopampa, Cajamarca highlands	Nagaoka et al. 2017			0	N highlands	LF		3	-800	-500	3	63	0	63	2	22	0	22	1	29	0	29	0	34	5	0	Total N of crania derived from PH analysis.
	39	Puemape, S. Jequetepeque	Gillespie 1998	Classic Cupisnique		0	N coast	LF		3	-800	-500	0	8											0	8			
	56	Chiripa, Taraco Peninsula, Titicaca	Blom and Bandy 1999	Chiripa		0	S highlands	LF-FF		4	-1500	100	0	7	0	7	0	1	0	1	0	5	0	5	0	4			
	130	Copacobana combined, Copacobana, Titicaca	Juengst 2015 diss	Yaya-Mama		0	S highlands	LF-EIP		4	-800	200	5	104	3	104									0	66	3	3	Muruqullu Preceramic sample removed since reported separately (Juengst et al 2017). For adult #s, I included adult (25+) and young adult (18-25).
	94	Kea Kollu Chico, island of Sun, Titicaca	Torres Rouff 2013 in Advances 2			0	S highlands	LF-FF		4	-800	200	4	18	0	18	2	8	0	8	2	10	0	10	0	0	4	0	
	177	Paracas Cavernas, Paracas	Mejia 2016	Paracas		0	S coast	FF		5	-430	-200	49	124	19	124	40	90	15	90	10	39	4	39	3	22	56	30	Subadult / adult break at 19. Incl 2 subadults w perimortem injury. Multiple injuries relatively common on men (but not women).
	98	Kuntur Wasi, Cajamarca region	Matsumura et al. 1997			0	N highlands	FF		5	-500	0	0	3			0	2			0	1							
	180	Cerro de Gentil, Chinchá valley	Gomez Mejia 2017	Paracas		0	S coast	FF		5	-300	-150	1	4	0	4	0	1	0	1	1	3	0	3	0	2	1	0	Also one adult male trepanation. Abundant hair on some bodies, all cranial vault not visible
	192	Yuthu, Cuzco	Davis 2010:93-4, Bey and Andrushko 2021			0	C highlands	FF		5	-400	100	5	7	0	7	2	3	0	3	3	4	0	4			9	1	One subadult with perimortem injury; no other subadult injury; but N for subadult crania not clear. Several rib traumas.
	64	(mostly) Juaranga, middle Palpa valley, middle Palpa valley	Tomasto 2009, pers comm	Paracas		0	S coast	FF		5	-400	100	5	20	1	20	2	9			3	11			1	16			
	77	Cerro Oreja, Moche valley	Lambert 2011	Salinar		0	N coast	FF		5	-400	100	5	15															
	40	Puemape, S. Jequetepeque	Gillespie 1998	Salinar		0	N coast	FF		5	-400	100	1	18	0	18	1								0	8	2	0	Total N of crania derived from PH analysis. One parry fracture on a female.
	150	Karwa, South coast	Vega & Dulanto 2013 cited in Vega 2016	Late Paracas		0	S coast	FF		5	-350	50	3	3	3	3	3	3	3	3									
	178	Paracas Necropolis, Paracas	Mejia 2016	Paracas		0	S coast	FF		5	-350	50	10	47	1	47	8	31	1	31	2	17	0	17	0	9	13	1	3 of the men have multiple wounds, no women do.
	176	Chongos, Ica valley	Dietz 2009	Topará		0	S coast	FF		5	-300	100	2	17	2	17	2	11	2	11	0	6	0	6	1	14			Ns taken from PH/CO Ns, since hair and flesh obscured some crania. 1 subadult has perimortem fracture to mandible.
	114	Taraco (Peru), northwest Titicaca basin	Drayer-Verhagen 2012	Pucara		0	S highlands	FF		5	-200	50	0	1	0	1					0	1	0	1	0	2	0	3	Perimortem rib injury on female
	41	Villa el Salvador, Lurin valley mouth	Pechenkina et al 2006			0	C coast	FF		5	-100	100	9	61			6	30			3	31							This study considers only adults. She says there were 2 or 3 cases of trepanations included in those stats that she cannot confirm were related to violence.
	117	Tablada de Lurín, lower Lurin	Vega Dulanto 2016:385	White-on-Red		0	C coast	FF		5	-200	200	8	17	2	17	5	8	1	8	3	9	1	9	0	15	9	8	Note multiple perimortem fractures on 2 individuals. One female w multiple perimortem fractures, age 15-16, counted as "subadult" by Vega D who I reassigned here as female.
	71	Cerro Oreja, Moche valley	Lambert 2011	Gallinazo		0	N coast	EIP early		6	0	300	14	73															
	145	Tablada de Lurín, Lurin valley	Vradenburg 2001			0	C coast	EIP early		6	1	300	2	21	0	21	1	11	0	11	1	10	0	10					
	21	San Pedro de Atacama (Toconao Oriente), Atacama	Torres-Rouff and Costa 2006			0	Far S highlands	EIP		6	-200	600	5	99	0	99	1	60	0	60	4	39	0	39					Juvenile / adult break at 15 years.
	27	Los Medanos, El Pampon, La Marcha, from Las Trancas Valley (Julio Tello collection), Nasca	Kellner 2002	Early Nasca		0	S coast	EIP early		6	1	450	2	13	0	13	1	8	0	8	1	4	0	4	0	2	2	0	
	151	Wata, Anta valley, Cuzco	Andrushko 2007			0	S highlands	EIP		6	-200	700																	
	140	La Tiza, Nasca	Buzon et al. 2012; Buzon et al. 2011; Conlee et al. 2009	Nasca		0	S coast	EIP		6	1	650	0	1	0	1					0	1	0	1	0	1			1 adult male missing cranium, w assoc. cutmarks suggesting decapitation

17	Conchopata, Ayacucho	Tung 2007b	Huarpa	0	C highlands	EIP	6	100	600	1	11	0	11	1	1	0	1	0	4	0	4	0	0			I include her unsexed skeletons in the total adult sample. Counts based on 2009 ms.
76	Nasca cemeteries, Nasca and Taruga valleys	Tung and Schreiber 2010	Nasca	0	S coast	EIP	6	1	700	1	19			0	2			0	7							
88	El Brujo , Chicama valley	Phillips 2009	Moche	1	N coast	EIP	6	250	600	11	30	5	30													Children < 10 removed from sample. Most of the sample w fractures are male, but breakdown of sample by sex is not provided here. Notes lots of rib fractures.
89	El Castillo, Santa valley	Phillips 2009	Moche	1	N coast	EIP mid	6	300	450	3	6															
83	Sipan Tomb I (high status context), Jequetepeque valley	Verano 1997a	Moche	1	N coast	EIP late	6	200	600	0	9															
15	Los Molinos, Juaranga, Hanaq Pacha, La Muna, Palpa valley	Tomasto 2009, pers comm	Nasca	0	S coast	EIP	6	100	750	1	19	1	19	1	8			0	11				1	29		
186	Uraca, Majes valley	Scaffidi and Tung 2020		0	S coast	EIP-MH	6	200	700	67	100	5	100	52	65	5	65	15	34	0	34	1	26	162	7	
118	Cerro Culebra, Lima	Vega Dulanto 2016:291	middle Lima	0	C coast	EIP late	6	300	600	6	14	0	14	2	4	0	4	4	10	0	10	1	21	10	0	
61	La Florida, Suburban	Ubelaker 2000		0	Ecuador	EIP late	6	300	600	1	6			0	3			1	2				0	1		Just one healed depression fracture on sagittal suture of adult female. Note this is not a very representative burial sample - high-status tombs of young adults with some severed heads included and possible sacrifices. Total N is not very clear because many crania are fragmentary; i'm estimating from his description.
28	Los Medanos, El Pampon, La Marcha, from Las Trancas Valley (Julio Tello collection), Nazca	Kellner 2002	Middle Nasca	0	S coast	EIP late	6	450	550	1	38	0	38	1	17	0	17	0	8	0	8	0	12	1	0	
126	Las Pirguas, Salta, Argentina	Baffi et al 1996:209		0	Far S highlands	EIP late	6	400	600	19	50			10	23			9	27		27	3	24			
184	Huaca de la Luna, Moche valley	Gagnon and Uceda 2020	Moche	1	N coast	EIP late	6	300	850	5	38	1	38	4	15	1	15	1	8	0	8	2	12	9	1	Non-sacrificial (probable elite) population
185	Huacas de Moche urban sector, Moche valley	Gagnon and Uceda 2020	Moche	1	N coast	EIP late	6	300	850	0	23	0	23	0	4	0	4	0	7	0	7	0	18			
132	Sitio Malqui, northwest Argentina	Arrieta et al. 2016		0	Far S highlands	Formativo Inferior	6	575	680	0	13	0	13	0	5	0	5	0	6	0	6	0	3	0	0	1 projectile wound to left calcaneus (obsidian point)
29	Los Medanos, El Pampon, La Marcha, from Las Trancas Valley (Julio Tello collection), Nazca	Kellner 2002	Late Nasca	0	S coast	EIP late	6	550	750	4	30	0	30	2	14	0	14	2	12	0	12	0	4	4	0	
59	Pacatnamu, Jequetepeque coast	Phillips 2009	Moche	1	N coast	MH	7	500	900	4	40	0	40	2	16	0	16	2	24	0	24					Children < 10 removed from sample.
22	San Pedro de Atacama (Solcor 3, Solcor Plaza, Quitor , Catarpe 5), Atacama	Torres-Rouff 2011	Tiwanaku-affected	0	Far S highlands	MH	7	400	1000	59	369	2	369	31	162	2	162	18	173	0	173	0	46	59	2	
169	San Pedro de Atacama (Coyo Oriental), Atacama	Torres-Rouff et al. 2018	Tiwanaku-affected	0	Far S highlands	MH	7	600	1000	87	206	1	206	41	97	1	97	39	90	0	90	1	21			
158	San Pedro de Atacama (Larache), Atacama	Torres-Rouff et al 2015	Tiwanaku-affected	0	Far S highlands	MH	7	500	1000	4	47	0	47	3	22	0	22	0	20	0	20	0	1	4	0	
45	Juch'uyppampa Cave, Bolivian altiplano, east of Salar de Uyuni	(Janusek lecture IAS 2010); Fundacion ASUR forthcoming	Tiwanaku-affected	0	Far S highlands	MH	7	600	1000	1	3			1	3							0	2			
57	Chiripa, Taraco Peninsula, Titicaca	Blom and Bandy 1999	Tiwanaku	1	S highlands	MH	7	600	1000	0	5			0	1			0	3			0	2			
31	Chen Chen, Moquegua valley	Blom et al. 2003	Tiwanaku	1	Far S coast	MH	7	600	900	4	180	1	180	3	67	1	67	1	113	0	113	0	19	2	1	She lists 3 cranial fractures at Chen Chen (all on adult males): out of these, 2 exhibit healing, and one is perimortem. She also lists an adult female from Chen Chen with facial fractures. I am drawing total numbers of adult and juvenile crania from her 1999 dissertation which clearly refers to the same samples. M / F numbers not clear from the diss but Blom et al 1998:249 state they are 63% F, 37% M. Note Sherratt's much higher fracture rate on other bodies from Chen Chen.
165	Chen Chen, Moquegua	Sharratt 2011	Tiwanaku	1	Far S coast	MH	7	750	1000	2	15	0	15	0	6	0	6	2	9	0	9	1	25			Note this is a different sample from that analyzed by Blom. N reconstructed from Sharratt's description of tomb contents. "Cranial modification / pathologies not observable" taken to mean not enough cranium to count in total N.
36	Qotakalli, Ak'awillay, Choquepukio, Cotocotuyoc, Cuzco area	Andrushko and Torres 2011	Wari or Wari-affected	1	C highlands	MH	7	600	1000	3	36	1	36	3	16	1	16	0	16	0	16			2	1	Cotocotuyoc is also reported in Andrushko 2020 but N is not clear.
42	Pikillacta, Lucre valley, Cuzco	Verano 2005	Wari	1	C highlands	MH	7	650	1000	1	3			1	1	0	1	0	2	0	2			1	0	

30	Los Medanos, El Pampon, La Marcha, from Las Trancas Valley (Julio Tello collection), Nasca-Wari	Kellner 2002	Nasca MH (Wari-affected)	0	S coast	MH	7	750	900	9	98	0	98	7	36	0	36	2	44	0	44	0	16	9	0	Combines Nasca-Loro and Nasca-Chakipampa numbers.
19	Beringa, Majes valely, Arequipa	Tung 2012:105, 124	Wari-affected	0	S coast	MH	7	650	800	13	39	4	39	5	10			4	13			1	33	13	5	
16	Juaranga, other MH sites in Palpa, Palpa valley	Tomasto 2009, pers comm	Nasca MH (Wari-affected)	0	S coast	MH	7	750	1000	0	7							0	7			0	7			
167	La Real, Majes valley	Jennings et al. 2015	Wari-affected	0	S coast	MH	7	700	850	25	74	2	74	12	26			5	19							
168	La Real, Majes valley	Jennings et al. 2015	Wari-affected	0	S coast	MH	7	900	1050	7	30	3	30	5	14			0	7							
80	Combined Wari heartland: Conchopata, Nawinpukio, Trigo Pampa and Cheqo Wasi, Ayacucho	Combines Conchopata, Nawinpukio, Trigo Pampa and Cheqo Wasi nums	Wari	1	C highlands	MH	7	600	1000	23	79	2	74	9	25	0	24	14	38	2	36	2	42	56	4	
143	Cajamarquilla, middle Rimac valley	Fierro 1998 in Vega-Dulanto 2016	late Lima (Wari-affected)	0	C coast	MH	7	600	1000	1	6	0	6	0	3	0	3	1	3	0	3	0	1			
99	Huaca Malena, coast between Mala and Asia rivers	Chan 2011: appendix 1	late Lima (Wari-affected)	0	C coast	MH	7	600	1000	0	8			0	3			0	5							
152	Miraflores 3A, Pisco valley	Vega 2004 cited in Vega 2016	Late Nasca-Wari (Wari-affected)	0	S coast	MH	7	600	1000	5	23			4	12			1	11			0	20			
153	El Castillo de Huarmey, Huarmey valley	Wieckowski 2014	Wari	1	C coast	MH	7	800	1000	1	54			1	1	0	1	0	53	0	53	0	12			
141	La Tiza, Nasca	Buzon et al. 2012; Buzon et al. 2011; Conlee et al. 2009	Nasca-MH (Wari-affected)	0	S coast	MH	7	653	1025	0	4	0	4	0	2	0	2	0	2	0	2					Only counting complete individuals (denoted "burial" in table 3). Many fragmented / commingled.
119	Huaca 20 Maranga, Lima	Vega Dulanto 2016:299	late Lima (Wari-affected)	0	C coast	MH	7	600	800	12	52	2	52	7	30	1	30	5	22	1	22	1	29	12	2	
144	Ancón, lower Chillon valley	Rojas-Sepulveda & Dutour 2009	late Lima (Wari-affected)	0	C coast	MH	7	500	1000	4	115	0	115	2	50	0	50	2	65	0	65					
120	Copacabana (Chillon), lower Chillon	Vega Dulanto 2016:299	late Lima (Wari-affected)	0	C coast	MH	7	600	800	4	12	0	12	3	6	0	6	1	6	0	6	0	3	10	0	1 subadult w perimortem postcranial trauma
157	Catalina Huanca, Rimac valley	Alvarez 2013 cited in Vega 2016	late Lima (Wari-affected)	0	C coast	MH	7	600	1000	4	16	0	16	3	12	3	12	1	6	0	6	2	15			2 perimortem on subadults, can't rule out sacrifice
74	Turpo, Andahuaylas	Kurin 2016	Wari-affected	0	C highlands	MH	7	850	1000	2	26	0	26	2	11	0	11	0	5	0	5	0	10	4	0	
23	San Pedro de Atacama (Coyo 3), Atacama	Torres-Rouff and Costa 2006		0	Far S highlands	MH-LIP	8	850	1200	16	44	0	44	9	24	0	24	7	20	0	20	0	1			May understate total # of antemortem wounds slightly.
54	Sican capital, La Leche valley	Farnum 2002, 2006	Middle Sican	1	N coast	MH-LIP	8	900	1100	1	32	0	32	0	5	0	5	0	27	0	27	0	3	3	0	Some remains are fragmentary from this context, I use her #s for CO / PH to pin down how many relatively complete crania (p. 211). One adult of indet sex w 3 healed cranial blunt force wounds (eg from slingstones or mace); p. 135.
55	El Brujo , Chicama valley	Farnum 2002, 2006, pers. Comm	Middle Sican	1	N coast	MH-LIP	8	900	1100	2	27	0	27	0	16	0	16	2	11	0	11	0	17	1	0	Two cases of BFT on adult females prob from mace or slingstone.
113	Pica 8, Tarapaca, Chile	Pacheco and retamal 2015		0	Far S coast	MH-LIP	8	900	1280	6	71	0	71	4	39	0	39	2	31	0	31	0	25	9	0	Assuming all individuals have crania; preservation seems very good. I make adult / sub division at 15.
163	Tumilaca La Chimba, Moquegua	Lowman, Sharratt, Turner 2018 IJO	Tumilaca	0	Far S coast	MH-LIP	9	950	1250	1	6	0	6	1	3	0	3	0	3	0	3	0	14	1	0	
164	Tumilaca La Chimba, Moquegua	Lowman, Sharratt, Turner 2018 IJO	Estuquina	0	Far S coast	LIP	9	1250	1476	0	19	0	19	0	7	0	7	0	9	0	9	0	4	0	0	
24	San Pedro de Atacama (Yaye, Quitor 6 tardio), Atacama	Torres-Rouff and Costa 2006		0	Far S highlands	LIP	9	950	1400	46	148	2	148	22	83	2	83	24	65	0	65	1	14			
34	Luya sites, Chachapoy	Darcy et al 2010	Chachapoy	0	N highlands	LIP	9	1200	1500	13	27			8	18			0	9			3	10			
37	Various sites, Cuzco area	Andrusko and Torres 2011	Killke (early Inca)	0	C highlands	LIP	9	1000	1400	47	199	1	199	30	77	1	77	8	62	0	62			121	9	
43	Combined Kuelap, Chachapoyas	Nystrom and Toyne 2013, Nystrom and Verano 2003	Chachapoya	0	N highlands	LIP	9	1100	1470	69	330	13	330	45	191	7	191	22	121	5	121	4	110			Sub / adult break at 19. Note perimortem trauma on 4 subadults incl clearly weapon trauma incl from star maces, though this may be from massacre. Revash: there are 5 individuals in the age 13 - 19 category. 9 adults have indet. sex
63	Molino-Chilacachi, southwest Titicaca basin	de la Vega et al 2005	Lupaca	0	S highlands	LIP	9	1100	1450	7	48	2	48									0	33			
69	Huaura valley combined sites, Huaura valley	Jahnke 2009	Chancay	0	C coast	LIP	9	1000	1400	17	218															
70	Ch'isi, Copacabana, Titicaca	Juengst et al 2015	Lupaca	0	S highlands	LIP	9	1000	1400	4	9			2	5	0	5	2	4	0	4			5	0	lots of rib fractures too
75	Cachi, Ranracancha, Pucullu, Qasiachi, Andahuaylas	Kurin 2016		0	C highlands	LIP	9	1150	1250	138	243	50	243	66	113	13	113	61	102	25	102	3	36	169	88	3 subadults w perimortem trauma. Male and female lethal injury rates are tentative. M and F injury rates clearest in 2014 pub; here these are combined w Pucullu from Kurin 2016.
81	Laguna Huayabamba (Vira Vira), San Martin, Chachapoyas	Nystrom and Toyne 2013, Nystrom 2004a, b / 2005	Chachapoya	0	N highlands	LIP	9	1000	1450	2	25	0	25	2	10			0	6			0	8	2	0	

100	sites from Calchaqui Valley, Quebrada de Humahuaca, Quebrada del Toro, NW Argentina (Juella, Volcan, Incahuasi, La Poma, La Paya, Kipon/Pagoyasta, Fuerte Alto, Luracatao, Taculi), northwest Argentina	Gheggi 2016			0	Far S highlands	LIP		9	900	1450	38	205	2	205	22	92	1	92	15	111	1	111	1	18	47	2	
101	Armatambo (H. del Pacifico), coast between Rimac and Lurin	Chan 2011: 168, 236, appendix 1	Ychsma		1	C coast	LIP		9	1000	1470	7	26	1	26	4	11	0	11	3	15	1	15	0	7			Separate population from record 122 from Armatambo
102	Marcajirca, Ancash highlands	Titelbaum et al 2013			0	N highlands	LIP		9	1100	1470	8	24	3	24	5		1		1		0				14	6	There are also two healed trepanations. Total M and F not given.
103	Kupa Kukio Chullpa and Tama Tam Chullpa, Boliv altiplano	Torres-Rouff 2013			0	S highlands	LIP		9	1100	1450	35	334															
104	Quebrada de Humahuaca (Los Amarillos, La Huerta, Yacoraite), northwest Argentina	Seldes and Botta 2014			0	Far S highlands	LIP		9	1250	1430	53	129	14	129	28	77			16	37			0	7	43	14	I removed trophy heads from these figures but am still not positive about all of them.
109	Colca Valley, Colca valley	Velasco 2016 poster, Velasco pers comm 2021	Collaguas		0	S highlands	LIP		9	1150	1450	90	148	4	157	35	56	2	61	44	78	2	82			148	5	1 subadult out of 64 w perimortem injury. Most frequent wound location is posterior (40% of all injuries). Note larger N observable for perimortem.
122	Armatambo (22 de Octubre), Chorrillos, Lima	Vega Dulanto 2016:313	Ychsma		1	C coast	LIP		9	1000	1450	13	31	2	31	8	15	1	15	6	16	0	16	1	10	14	4	One male w perimortem fractures, age 15-16, counted as "subadult" by Vega D who I reassigned here as male. Note this is a separate pop from record 101 also from Armatambo (Chan 2011).
135	Rincón Chico, northwest Argentina	Arrieta et al. 2016			0	Far S highlands	LIP		9	1000	1450	3	47	0	47	1	22	0	22	2	24	0	24	0	10			2 healed projectile point (obsidian) wounds with poss. corresponding infections
138	Huaca Las Balsas de Túcume, Lambayeque	Toyne 2011	Late Sican		1	N coast	LIP		9	1100	1400	1	6	1	6	0	2	0	2	1	4	1	4	0	2	0	2	1 adult male with perimortem cutmarks on the anterior body of C3 vertebra, possibly a violent sacrifice
142	La Tiza, Nasca	Buzon et al. 2012; Buzon et al. 2011; Conlee et al. 2009			0	S coast	LIP		9	1000	1476	0	1	0	1					0	1	0	1	0	2			1 M aged 14-15 missing cran, C1, C2, suggesting decapitation
148	Malanche 22, Malanche Ravine (Lurin)	Baraybar 1999, Mujica et al 1992 cited in Vega 2016	Caringa		0	C coast	LIP		9	1000	1300	1	4	0	4	0	1	0	1	1	3	0	3	0	7			
156	Muyucsha, Chachapoyas	Urizar 2009 cited in Vega 2016	Chachapoya		0	N highlands	LIP		9	1000	1450	67	135															
160	Nasca cemeteries, Nasca and Taruga valleys	Tung and Schreiber 2010 cited in Tung 2012:147	Nasca		0	S coast	LIP		9	1000	1400	3	36															
181	Chan Chan (Chayhuac), Moche valley	Valladares 2018	Chimu		1	N coast	LIP		10	1300	1532	4	25	0	25					4	25	0	25	2	4	7	0	All are healed small circular depression fractures plus one nasal fracture on a subadult (adolescent). Several individuals have rib fractures too incl one injury recidivism; several have parry fractures.
187	Upper Nasca, Upper Nasca	McCool et al 2021			0	S coast	LIP		9	950	1450	82	238	33	238	43	97	12	97	32	112	19	112	3	29			2 subadults w perimortem injury. Note ante and perimortem rates reported separately, M and F totals unclear, but combined totals are reported in Tung 2021 appendix.
193	Ayawiri, Titicaca basin	Velasco, pers. Comm. 2013			0	S highlands	LIP		9	1200	1400	2	10	1	10	2	4	1	4	0	4	0	4			2	1	
91	Malata, Colca valley, Arequipa	Tung 2021	Collagua / Inca		0	S highlands	LIP-LH		10	1000	1532	10	18			5	7			4	8							
58	Combi(Combined Chuquibamba sites (Runashayana, Timbamba, Huerton, Achil, Joya), Chachapoyas (E of Rio Maranon) Urubamba sites, Urubamba valley, Cuzco	Jakobsen et al 1986-7	Chachapoya		0	N highlands	LIP-LH		10	900	1532	14	114	10	114	10	67	10	67	2	30	0	30	0	13	23	10	lethality nums refer to earlier sites only (not Salsipuedes)
66	Combined Hrdilka collection, Alto Chillon	MacCurdy 1923	early Inca?		0	C highlands	LIP-LH		10	800	1532	37	225	12	225	24	125	10	125	9	89	2	89	0	47	36	14	
85	San Pedro de Atacama (Catarse 4-5), Atacama	Verano 2002 (Hrdilka collection)			0	C highlands	LIP-LH		10	1100	1532	75	175			47	84			28	89			7	23			
166	Barrio Corrales, Yacoraite, northwest Argentina	Torres-Rouff and Costa 2006			0	Far S highlands	LIP-LH		10	1300	1400	3	36	0	36	3	21	0	21	0	14	0	14	0	7			
106	Upper Mantaro, Upper Mantaro valley	rrieta et al. 2016			0	Far S highlands	LIP-LH		10	1000	1532	2	35	0	35	2	18	0	18	0	17	0	17	0	36	2	0	
26	San Pedro de Atacama (Catarse 1-2), Atacama	Norconk 1987, Owen and Norconk 1987	Wanka		0	C highlands	LIP-LH		10	1350	1532	4	36			2	14			2	11			0	38			
65	Machu Picchu, Urubamba valley, Cuzco	Torres-Rouff and Costa 2006	(Inca)		1	Far S highlands	LH		11	1400	1532	8	208	0	208	5	143	0	143	2	63	0	63	0	30			
68	Varigous Inca sites, Cuzco	Verano 2003	Inca		1	C highlands	LH		11	1400	1532	3	62	0	62	2	26	0	26	1	32	0	32	0	6	4	0	
		Andrusko and Torres 2011	Inca		11	C highlands	LH		11	1400	1532	50	219	12	219	22	80	7	80	24	118	4	118		138	14		

92	Salsipuedes , Chachapoyas	Jakobsen et al. 1986, pp. 156, 164, 178	Chachapoya	1	N highlands	LH	11	1400	1485	5	23			4	11			1	8								
105	Makat-Tampu, Rimac	Altamirano et al. 2006	Ichimay / Inca	1	C coast	LH	11	1470	1532	11	241																perimortem frontal mace-blows present (but incidence unreported).
110	Riconada Alta, Rímac valley	Salter-Pedersen 2011:91-92	(Inca)	1	C coast	LH	11	1470	1532	14	84	8	84	12	45	8	45	2	39	0	39			7	8		Total crania derived here from crania selected for discrete trait analysis. (This is close to, and between, the totals used for PH/CO and for metric analysis.)
123	Pueblo Viejo-Pucará, Lurin valley	Vega Dulanto 2016:326	(Inca)	1	C coast	LH	11	1470	1532	15	47	3	47	7	23	1	23	8	24	2	24	1	31	16	3		
149	Complejo Maranga, Rimac valley	Boza Cuadros 2010 cited in Vega 2016	Ychsma-Inca	1	C coast	LH	11	1470	1532	0	12	0	12	0	5	0	5	0	7	0	7	0	3				
155	Cashamarca, Junín	Baraybar 2009 cited in Vega 2016	Tarama-Inca	1	C highlands	LH	11	1450	1532	8	14			6	11			2	3			1	12				
159	Puruchuco-Huaquerones (not 57AS07), Lima	Murphy 2004:131-8; Murphy et al. 2010, p. 641; Gaither and Murphy 2012; see also Murphy et al 2014	(Inca)	1	C coast	LH	11	1400	1532	32	138	13	138	23	70	9	70	8	53	3	53	1	169	24	14		She splits antemortem from perimortem trauma. I am lumping to generate rates, and assuming here we don't have individuals bearing both. I am getting her cranial numbers from the descriptions of crania in PH and CO section (p.89 - 90), but they match up in up in numbers so this is probably right.
182	Farfán, Jequetepeque valley	Mackey and Nelson 2020	(Inca)	1	N coast	LH	11	1400	1532	2	43			0	10			2	33			2	32				

*An earlier and shorter version of this table was published in Arkush and Tung (2013). This version has been updated with more recently published sources. Note there are a few small discrepancies between this table and Tung's (2021) supplementary table which is derived from the same original version. Discrepancies are usually in values for N (or total observed). Sometimes skeletal population in a sample is larger than the number of crania observable for trauma. I have tried to use only observable crania for N values for each demographic category, or make educated guesses about N values if they are not reported directly in the source.