

Western Germany, Lower Rhine area and Middle Rhine region (dominantly settled by Frankish people)

Dirmstein (Leithäuser, 2011, 233-250). 179 dated graves 510-720 AD: 1 grave 510-530 AD, 25 graves 530-555 AD, 30 graves 555-580 AD, 21.5 graves 580-600 AD, 28.5 graves 600-620 AD, 23 graves 620-650 AD, 33 graves 650-680 AD, 17 graves 680-740 AD.

Eick (Siegmund, 1998, 503-509 list 3). 83 dated graves 530-670 AD: 7 dates graves 530-555 AD, 6.5 graves 555-570 AD, 14.5 graves 570-585 AD, 22.0 graves 585-610 AD, 30.5 graves 610-640 AD, 2.5 graves 640-670 AD.

Eltville (Blaich, 2006, 46 tab. 20 and 70 fig. 32). 332 dated graves 475-705 AD: 17.0 graves 475-515 AD, 15.0 graves 515-545 AD, 22.0 graves 545-575 AD, 70.0 graves 575-605 AD, 84.0 graves 605-635 AD, 76.0 graves 635-675 AD, 48.0 graves 675-705 AD, 42.0 graves 705 ff AD.

Eppstein (Engels, 2011, 195 ff.). 301 dated graves 460-725 AD: 8 graves 460-480 AD, 1 graves 480-510 AD, 17 graves 510-530 AD, 31.0 graves 530-555 AD, 47.5 graves 555-580 AD, 37.0 graves 580-600 AD, 31.5 graves 600-620 AD, 41.0 graves 620-650 AD, 54.0 graves 650-680 AD, 23.0 graves 680-700 AD, 9.0 graves 700-725 AD.

Gellep-West (Siegmund, 1998, 503-509 list 3). 196 dated graves 400-740 AD: 36.5 graves 400-440 AD, 45.5 graves 440-485 AD, 16.0 graves 485-530 AD, 13.0 graves 530-555 AD, 9.5 graves 555-570 AD, 8.0 graves 570-585 AD, 17.0 graves 585-610 AD, 16.0 graves 610-640 AD, 5.5 graves 640-670 AD, 14.5 graves 670-705 AD, 14.5 graves 705-740 AD.

Gellep-Ost (Siegmund, 1998, 503-509 list 3). 360 dated graves 530-670 AD: 42.5 graves 530-555 AD, 43.0 graves 555-570 AD, 52.5 graves 570-585 AD, 110 graves 585-610 AD, 87 graves 610-640 AD, 25 graves 640-670 AD.

Junkersdorf (Siegmund, 1998, 503-509 list 3). 499 dated graves 485-705 AD: 9.0 graves 440-485 AD, 27.0 graves 485-530 AD, 53.5 graves 530-555 AD, 43.0 graves 555-570 AD, 55.5 graves 570-585 AD, 79.0 graves 585-610 AD, 120.5 graves 610-640 AD, 77.5 graves 640-670 AD, 43.0 graves 670-705 AD, 32.0 graves 705-740 AD.

Kirchheim-Heuau (chronology after Siegmund, 2000, 375-376). 94 dates graves 485-705 AD: 2.0 graves 440-485, 8.5 graves 485-530 AD, 8.0 graves 530-555 AD, 16.0 graves 555-570 AD, 4.0 graves 570-585 AD, 17.0 graves 585-610 AD, 28.5 graves 610-640 AD, 9.0 graves 640-670 AD, 3.0 graves 670-705 AD.

Mainz-Hechtsheim (Koch, 2011, 126 ff.). 243 dated graves 510-700 AD: 33 graves 510-530 AD, 34 graves 530-555 AD, 22 graves 555-580 AD, 34 graves 580-600 AD, 34 graves 600-620 AD, 27 graves 620-650 AD, 33 graves 650-675 AD, 26 graves 675-700 AD.

Mannheim-Sandhofen (Koch, 2018). 203 dated graves 530-700 AD: 31 graves 530-555 AD, 38 graves 555-580 AD, 36 graves 580-600 AD, 43 graves 600-620 AD, 27 graves 620-650 AD, 23 graves 650-680 AD, 5 graves 680-700 AD.

Mannheim-Vogelstang (Koch, 2007; dated graves after ibid. 196-292; Koch, 2017). 394 dates graves 530-700 AD: 34.5 graves 530-555 AD, 33.5 graves 555-575 AD, 55.0 graves 575-600 AD, 59.0 graves 600-620 AD, 76.0 graves 620-650 AD, 61.0 graves 650-675 AD, 75.0 graves 675-700 AD.

Müngersdorf (Siegmund, 1998; 503-509 list 3). 138 dated graves 485-650 AD: 4.0 graves 440-485 AD, 19.0 graves 485-530 AD, 13.5 graves 530-555 AD, 25.0 graves 555-570 AD, 32.0 graves 570-585 AD, 17.0 graves 585-610 AD, 17.5 graves 610-640 AD, 4.5 graves 640-650 AD.

Rödingen (Janssen, 1993, 123-139 Tab. 15-17, with graves dated to one or two neighboured phases only). 370

dated graves from 500-700 AD: 26.5 graves 500-530 AD, 71.0 graves 530-560 AD, 104.5 graves 560-600 AD, 111.0 graves 600-635 AD, 52.5 graves 635-675 AD, 4.5 graves 675-700 AD.

Rübenach (Neuffer-Müller & Ament, 1973; Wieczorek, 1987). 796 dated graves 500-720 AD: 30.5 graves 465-500 AD, 54.5 graves 500-530 AD, 133.0 graves 530-565 AD, 96.5 graves 565-580 AD, 96.5 graves 580-600 AD, 136.0 graves 600-635 AD, 189.0 graves 635-665 AD, 90.0 graves 665-720 AD.

Westhofen (Wieczorek et al., 2009, esp. 1232-1276). 111 dated graves 510-710 AD: 18.0 graves 510-530 AD, 37.5 graves 530-555 AD, 16.5 graves 555-580 AD, 8.0 graves 580-600 AD, 8.0 graves 600-620 AD, 8.0 graves 620-650 AD, 11.0 graves 650-670 AD, 4.0 graves 670-710 AD.

Two areas in Western Germany with completely counted graves

(For the "regions", although small cemeteries and those, which are excavated in parts only, were included)

Kölner Bucht (region with many smaller cemeteries, taken together here: Iversheim, Jülich, Lamersdorf, Merzenich, Niedermerz, Siersdorf, Weilerswist-Lommersum, Wollersheim; after Plum, 2003; Nieveler, 2003; Pöppelmann, 2010). 304 dated graves 470-710 AD: 9.5 graves 325-355 AD, 6.0 graves 355-395 AD, 4.5 graves 395-425 AD, 10.5 graves 425-470 AD, 8.0 graves 470-510/525 AD, 42.0 graves 510/525-565 AD, 78.5 graves 565-585 AD, 49.0 graves 585-615 AD, 64.0 graves 615-645 AD, 50.5 graves 645-675 AD, 11.5 graves 675-710 AD, 10.0 graves 710-740 AD.

Niederrhein (region; Siegmund, 1998, 495-513 list 3). 835 dated graves 485-705 AD: 37.5 graves 400-440 AD, 52.5 graves 440-485 AD, 26.0 graves 485-530 AD, 87.0 graves 530-555 AD, 81.5 graves 555-570 AD, 94.0 graves 570-585 AD, 169.5 graves 585-610 AD, 203.5 graves 610-640 AD, 86.5 graves 640-670 AD, 86.5 graves 670-705 AD, 114.5 graves 705-740 AD.

Southern Germany (dominantly settled by Alemannic people)

Altenerding (Losert & Pleterski, 2003; dated graves after A. Pleterski, in Losert & Pleterski vol. 2, 638 Abb. 313, and 641 Abb. 316; the "corrected curve" was used. I would like to thank Andrej Pleterski for providing me with the original graphs, from which I was able to read the figures exactly. The numbers below are differentiated by gender, first men's graves, then women's graves). 1566 dated graves 470 - 700 AD: 470 AD: 14 + 17; 480 AD: 14 + 17, 490 AD: 22 + 22, 500 AD: 17 + 23, 510 AD: 28 + 40, 520 AD: 16 + 36, 530 AD: 19 + 33, 540 AD: 18 + 21, 550 AD: 15 + 23, 560 AD: 17 + 39, 570 AD: 25 + 51, 580 AD: 38 + 53, 590 AD: 64 + 48, 600 AD: 71 + 48; 610 AD: 78 + 40, 620 AD: 65 + 37, 630 AD: 86 + 37, 640 AD: 79 + 33, 650 AD: 39 + 36, 660 AD: 22 + 44, 670 AD: 16 + 24, 680 AD: 18 + 28, 690 AD: 18 + 27. So that the unusually large cemetery of Altenerding does not dominate the data table, the original grave numbers were divided by 2 in the further analysis, making Altenerding about the same size as Rübenach, Junkersdorf or Mengen, for example.

Aschheim (Gutsmiedl-Schümann, 2010, esp. 113 f., tab. 189-195). 187 dated graves 485-675 AD: 18.0 graves 485-510/525 AD, 56.0 graves 510/525-565/570 AD, 53.5 graves 565/570-600 AD, 43.0 graves 600-620/630 AD, 16.5 graves 620/630-670/80 AD.

Eichstetten (Sasse, 2001; datings ibid. 150-153, chronology ibid. 133-138 fig. 32). 214 dated graves 500-700 AD: 19.0 graves 500-525 AD, 49.5 graves 525-570 AD, 38.5 graves 570-600 AD, 30.5 graves 600-640 AD, 39.5 graves 640-670 AD, 37.0 graves 670-700 AD.

Emmering (Albrecht, 2022, insbes. 188-198 Tab. 5). 156 dated graves from c. 460-725 AD: 4.5 graves 460-480 AD, 3.5 graves 480-510, 6.0 graves 510-530, 8.0 graves 530-550 AD, 7.5 graves 550-570, 12.0 graves 570-590 AD, 13.0

Suppl. Mat. List 1

graves 590-610 AD, 44 graves 610-640 AD, 22.5 graves 640-660/70 AD, 22.5 graves 660/70-690 AD, 9.5 graves 690-725 AD.

Essenbach-Altheim (Sebrich, 2019, 185 ff. Abb. 70). 159 dated graves 400-750 AD: 8 graves 400-430 AD, 13.5 graves 430-480 AD, 13.5 graves 480-510 AD, 4.5 graves 510-530 AD, 17.5 graves 530-555 AD, 11 graves 555-580 AD, 12 graves 580-600 AD, 21 graves 600-620 AD, 43.5 graves 620-650 AD, 10.5 graves 650-670 AD, 4 graves 670-725 AD.

Esslingen-Sirnau (Koch, 1969; phases kept, absolute data slightly modified after Siegmund, 2000, 387). 112 dated graves 530-690 AD: 10.0 graves 530-555 AD, 3.0 graves 555-585 AD, 4.0 graves 585-610 AD, 26.0 graves 610-630 AD, 50.0 graves 630-670 AD, 19.0 graves 670-690 AD.

Fridingen (Quast 1995, 829-831). 93 dated graves 485-705 AD: 9.0 graves 485-525 AD, 3.0 graves 525-545 AD, 6.0 graves 545-565 AD, 5.5 graves 565-595 AD, 13.5 graves 595-625 AD, 30.0 graves 625-660 AD, 16.0 graves 660-680 AD, 10.0 graves 680-705 AD, 15.0 graves 705-740 AD.

Klepsau (Koch, 1990, 240-243 and tab. 2). 65 dated graves 525-710 AD: 7.0 graves 525-555, 17.0 graves 555-575 AD, 22.0 graves 575-605 AD, 9.0 graves 605-630 AD, 5.0 graves 630-660 AD, 3.0 graves 660-690 AD, 2.0 graves 690-710 AD.

Mengen (Walter, 2008; dated graves after ibid. 30-35, chronology ibid. 21 tab. 2a). 616 dated graves 480-710 AD: 8.0 graves 480-510 AD, 48.0 graves 510-540 AD, 80.0 graves 540-570/80 AD, 96.0 graves 570/80-610 AD, 167.5 graves 610-640 AD, 108.5 graves 640-670 AD, 117.0 graves 670-710 AD.

Neresheim & Kössingen (two closely neighboured cemeteries, mostly taken together; Knaut, 1993). 121 dated graves 480-700 AD: 25.0 graves 480-530 AD, 8.0 graves 530-550 AD, 17.0 graves 550-570 AD, 11.0 graves 570-600 AD, 26.5 graves 600-625 AD, 22.0 graves 625-655 AD, 7.5 graves 655-680 AD, 4.0 graves 680-700 AD.

Neudingen (Brendle, 2014, 1356-1374). 213 dated graves 510/20 – 730 AD: 31 graves 510/20-540/50 AD, 16 graves 540/50-560/70 AD, 40 graves 560/70-580/90 AD, 53 graves 580/90-610/20 AD, 18 graves 610/20-630/40 AD, 12 graves 630/40-660 AD, 21 graves 660-680 AD, 22 graves 680-730 AD.

Pfakofen (Lohwasser, 2013, 132 Abb. 71) 231 dated graves 535-700 AD: 16 graves 535-565 AD, 34 graves 565-600 AD, 45 graves 600-630 AD, 73 graves 630-665 AD, 60 graves 665-700 AD.

Pleidelsheim (Koch, 2001, esp. 353-373). 171 dated graves 480-670 AD: 8.0 graves c. 430-460 AD, 14.0 graves 460-480 AD, 35.0 graves 480-510 AD, 22.0 graves 510-530 AD, 32.0 graves 530-555 AD, 17.0 graves 555-580 AD, 26.0 graves 580-600 AD, 36.0 graves 600-620 AD, 23.0 graves 620-650 AD, 10.0 graves 650-670 AD.

Pliening (Codreanu-Windauer, 1997, 106-108 with tab. 33). 86 dated graves from 500-710 AD: 9.0 graves 500-550 AD, 12.0 graves 550-590 AD, 13.0 graves 590-630 AD, 25.0 graves 630-660 AD, 19.0 graves 660-690 AD, 8 graves 690-710 AD.

Schretzheim (Koch, 1977; the revised chronology after Koch 2004 was applied). 177 dated graves 530-675 AD: 25.0 graves 530-555 AD, 38.0 graves 555-575 AD, 60.0 graves 575-600 AD, 40.0 graves 600-620 AD, 11.0 graves 620-650 AD, 3.0 graves 650-675 AD.

Unterthürheim (Grünwald, 1988). 122 dated graves 500-710 AD: 6.0 graves 500-525 AD, 5.0 graves 525-545 AD, 18.5 graves 545-565 AD, 35.5 graves 565-595 AD, 9.5 graves 595-625 AD, 27.5 graves 625-660 AD, 11.0 graves 660-680 AD, 9.0 graves 680-710 AD.

Wenigumstadt (Stauch, 2004, esp. 19-61 and fig. 26). 117 dates graves 530-700 AD: 7.0 graves 430-460 AD, 6.0 graves 460-480 AD, 5.0 graves 480-510 graves, 0.0 graves 510-530 AD (hiatus!), 3.0 graves 530-555 AD, 6.0 graves 555-580 AD, 16.0 graves 580-600 AD, 21.5 graves 600-620 AD, 24.5 graves 620-650 AD, 24.0 graves 650-670 AD, 21.5 graves 670-700 AD, younger parts of cemetery not accounted here.

Westheim (Reiß, 1994, 182-190). 186 graves 485-675 AD: 20.5 graves 485-530 AD, 74.5 graves 530-565 AD, 36.0 graves 565-610/15 AD, 36.0 graves 610/15-650 AD, 19.0 graves 650-675 AD.

Zusamaltheim (Kersting, 1991). 49 dated graves 525-680 AD: 5.0 graves 525-545 AD, 8.5 graves 545-565 AD, 8.5 graves 565-595 AD, 12.5 graves 595-625 AD, 11.5 graves 625-660 AD, 3.0 graves 660-680 AD.

One area in Southern Germany with completely counted graves, as a sample separated from the single cemeteries

Lechtal (region; Trier, 2002, 158-171). 188 dated graves 500-700 AD: 3.0 graves 500-520 AD, 3.0 graves 520-540 AD, 8.0 graves 540-565 AD, 30.0 graves 565-590 AD, 29.0 graves 590-620 AD, 40.0 graves 620-650 AD, 40.0 graves 650-675 AD, 35.0 graves 675-700 AD, 7 graves 700-720 AD.