8.2 Data: Edge-transitive surfaces with respect to face-edge types and Euler characteristics

This section contains some information about the census of edge-transitive surfaces contained in [1]. We refer the reader to Section 6.2 for a description of how to read the below tables.

8.2.1 Data of orientable edge-transitive surfaces with at most 5000 faces

$\chi(X)$	**2**	**0**	**-4**	**-8**	**-10**	**-12**	**-14**	**-18**
(1,4)	3	75	2	1	1	1	2	2
(1,2).1	0	716	0	0	0	0	0	1
(1,2).2	0	0	0	0	0	0	0	0
(2,2)	0	0	0	0	0	0	0	1
(2,1)	0	0	0	0	0	0	0	0

Table 77: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-24**	**-26**	**-28**	**-30**	**-32**	**-36**	**-40**	**-42**
(1,4)	2	3	2	1	1	0	1	2
(1,2).1	0	0	0	0	1	0	0	1
(1,2).2	0	0	0	0	0	1	0	0
(2,2)	0	0	0	0	0	1	0	0
(2,1)	0	0	1	0	1	0	0	0

Table 78: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-48**	**-50**	**-54**	**-64**	**-70**	**-72**	**-78**	**-80**
(1,4)	2	2	3	3	1	2	0	2
(1,2).1	0	0	2	1	0	1	1	0
(1,2).2	0	1	0	0	0	0	0	1
(2,2)	0	0	0	0	0	1	0	0
(2,1)	0	1	0	0	0	0	0	0

Table 79: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-84**	**-88**	**-90**	**-96**	**-98**	**-100**	**-102**	**-108**
(1,4)	1	3	2	3	1	0	2	1
(1,2).1	1	0	1	0	0	1	0	0
(1,2).2	0	0	0	0	0	0	0	1
(2,2)	0	0	0	1	0	0	0	1
(2,1)	1	0	0	0	2	1	0	0

Table 80: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-110**	**-112**	**-114**	**-126**	**-128**	**-130**	**-136**	**-144**
(1,4)	2	0	0	0	3	1	3	5
(1,2).1	0	0	1	1	0	0	0	1
(1,2).2	0	0	0	0	0	0	0	1
(2,2)	0	0	0	0	0	0	0	1
(2,1)	0	1	0	0	0	0	0	0

Table 81: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-150**	**-154**	**-160**	**-162**	**-168**	**-176**	**-180**	**-182**
(1,4)	2	1	2	6	3	2	1	2
(1,2).1	0	0	0	1	1	0	0	0
(1,2).2	0	0	1	0	0	0	0	0
(2,2)	0	0	0	1	0	0	0	0
(2,1)	0	0	0	2	0	1	0	0

Table 82: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-186**	**-190**	**-192**	**-196**	**-200**	**-204**	**-208**	**-216**
(1,4)	0	3	3	1	0	2	4	4
(1,2).1	1	0	1	0	0	0	0	2
(1,2).2	0	0	0	0	1	0	0	0
(2,2)	0	0	1	0	0	0	0	0
(2,1)	0	0	0	4	1	0	0	0

Table 83: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-222**	**-224**	**-228**	**-234**	**-238**	**-240**	**-242**	**-252**
(1,4)	0	0	2	1	1	2	0	0
(1,2).1	1	1	0	1	0	0	1	1
(1,2).2	0	0	0	0	0	0	0	0
(2,2)	0	0	0	0	0	0	1	0
(2,1)	0	2	0	2	0	0	2	5

Table 84: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-256**	**-258**	**-264**	**-270**	**-280**	**-288**	**-290**	**-294**
(1,4)	11	0	3	2	0	9	3	1
(1,2).1	4	1	0	1	0	2	0	1
(1,2).2	1	0	0	0	1	0	0	0
(2,2)	1	0	0	0	1	2	0	0
(2,1)	3	0	0	2	0	0	0	0

Table 85: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-300**	**-304**	**-312**	**-320**	**-324**	**-330**	**-336**	**-338**
(1,4)	0	1	0	2	3	4	6	0
(1,2).1	1	0	1	0	0	0	3	0
(1,2).2	0	0	0	1	2	0	1	1
(2,2)	0	0	0	0	2	2	1	0
(2,1)	1	0	0	0	2	0	6	3

Table 86: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-340**	**-342**	**-350**	**-360**	**-364**	**-366**	**-378**	**-384**
(1,4)	1	0	2	1	0	0	1	5
(1,2).1	0	1	0	0	0	1	4	0
(1,2).2	0	0	0	0	0	0	0	0
(2,2)	0	0	0	0	0	0	0	1
(2,1)	0	0	0	0	2	0	0	0

Table 87: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-390**	**-392**	**-400**	**-402**	**-408**	**-416**	**-418**	**-420**
(1,4)	1	0	0	0	4	5	1	1
(1,2).1	0	0	1	1	0	0	0	1
(1,2).2	0	0	0	0	0	1	0	0
(2,2)	0	0	0	0	0	0	0	0
(2,1)	0	2	1	0	0	0	0	0

Table 88: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-432**	**-438**	**-440**	**-448**	**-450**	**-456**	**-460**	**-468**
(1,4)	4	0	2	0	1	2	6	1
(1,2).1	0	1	0	4	0	1	0	2
(1,2).2	2	0	0	0	0	0	0	0
(2,2)	2	0	0	0	0	0	0	0
(2,1)	1	0	0	2	6	0	0	2

Table 89: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-474**	**-480**	**-484**	**-486**	**-490**	**-500**	**-504**	**-506**
(1,4)	0	2	0	10	1	0	6	4
(1,2).1	1	0	0	9	0	2	3	0
(1,2).2	0	0	1	1	0	0	0	0
(2,2)	0	1	1	2	0	0	0	0
(2,1)	0	0	2	2	0	0	0	0

Table 90: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-510**	**-512**	**-528**	**-532**	**-540**	**-544**	**-546**	**-550**
(1,4)	4	8	3	0	1	3	4	1
(1,2).1	0	3	0	0	0	0	2	0
(1,2).2	0	0	0	0	0	0	0	0
(2,2)	0	0	0	0	0	0	2	0
(2,1)	0	1	0	2	0	0	0	0

Table 91: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-558**	**-560**	**-570**	**-576**	**-578**	**-582**	**-588**	**-598**
(1,4)	0	0	3	6	0	0	0	1
(1,2).1	1	0	0	2	1	1	0	0
(1,2).2	0	1	0	3	1	0	0	0
(2,2)	0	1	0	6	1	0	0	0
(2,1)	0	0	0	3	3	0	5	0

Table 92: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-600**	**-612**	**-618**	**-620**	**-624**	**-640**	**-648**	**-650**
(1,4)	2	2	0	2	6	6	10	1
(1,2).1	0	0	1	0	2	1	2	0
(1,2).2	0	0	0	0	0	3	0	0
(2,2)	0	0	0	0	0	1	1	0
(2,1)	0	0	0	0	0	4	0	0

Table 93: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-654**	**-666**	**-672**	**-676**	**-680**	**-684**	**-700**	**-702**
(1,4)	0	0	1	0	1	0	4	0
(1,2).1	1	1	2	1	0	1	3	4
(1,2).2	0	0	1	0	0	0	1	0
(2,2)	0	0	0	0	0	0	1	0
(2,1)	0	0	3	3	0	2	3	2

Table 94: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-720**	**-726**	**-744**	**-748**	**-754**	**-756**	**-760**	**-762**
(1,4)	2	1	0	1	1	0	3	0
(1,2).1	2	0	1	0	0	1	0	1
(1,2).2	0	0	0	0	0	0	0	0
(2,2)	2	0	0	0	0	0	0	0
(2,1)	2	0	0	0	0	5	0	0

Table 95: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-768**	**-774**	**-780**	**-784**	**-798**	**-800**	**-810**	**-816**
(1,4)	14	0	0	0	4	0	4	1
(1,2).1	5	1	1	0	2	0	0	0
(1,2).2	2	0	0	0	0	0	0	0
(2,2)	5	0	0	0	0	0	0	0
(2,1)	5	0	0	4	0	1	0	0

Table 96: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-832**	**-834**	**-840**	**-864**	**-868**	**-882**	**-888**	**-896**
(1,4)	4	0	1	9	1	3	0	0
(1,2).1	4	1	0	1	0	4	1	6
(1,2).2	2	0	1	0	0	0	0	0
(2,2)	0	0	1	1	0	0	0	0
(2,1)	2	0	0	0	2	2	0	4

Table 97: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-900**	**-906**	**-912**	**-928**	**-936**	**-942**	**-950**	**-960**
(1,4)	2	0	2	1	3	0	1	1
(1,2).1	1	1	2	0	4	1	0	0
(1,2).2	1	0	0	0	0	0	0	0
(2,2)	1	0	0	0	0	0	0	0
(2,1)	7	0	0	0	2	0	0	0

Table 98: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-968**	**-972**	**-978**	**-990**	**-1008**	**-1012**	**-1014**	**-1024**
(1,4)	1	4	0	3	6	2	1	7
(1,2).1	0	1	1	0	7	0	1	4
(1,2).2	0	3	0	0	2	0	0	1
(2,2)	0	8	0	0	0	0	0	0
(2,1)	0	6	0	0	10	0	0	2

Table 99: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-1026**	**-1032**	**-1036**	**-1050**	**-1054**	**-1056**	**-1078**	**-1080**
(1,4)	0	0	0	0	1	1	2	5
(1,2).1	4	1	0	1	0	0	0	1
(1,2).2	0	0	0	0	0	0	0	0
(2,2)	0	0	0	0	0	0	0	0
(2,1)	0	0	2	0	0	0	0	0

Table 100: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-1086**	**-1088**	**-1092**	**-1098**	**-1116**	**-1120**	**-1134**	**-1140**
(1,4)	0	3	0	0	0	1	6	0
(1,2).1	1	0	0	1	1	0	7	1
(1,2).2	0	0	0	0	0	0	0	0
(2,2)	0	0	0	0	0	0	0	0
(2,1)	0	0	2	0	2	0	1	0

Table 101: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-1152**	**-1156**	**-1158**	**-1160**	**-1170**	**-1176**	**-1188**	**-1194**
(1,4)	15	0	0	3	0	1	1	0
(1,2).1	2	1	1	0	0	2	1	1
(1,2).2	1	1	0	0	1	0	0	0
(2,2)	14	1	0	0	2	0	0	0
(2,1)	6	3	0	0	1	0	0	0

Table 102: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-1200**	**-1204**	**-1206**	**-1216**	**-1218**	**-1224**	**-1232**	**-1242**
(1,4)	4	0	0	0	4	1	0	0
(1,2).1	2	0	1	4	0	0	0	0
(1,2).2	0	0	0	0	0	0	0	0
(2,2)	1	0	0	0	0	0	0	0
(2,1)	2	2	0	0	0	0	1	2

Table 103: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-1248**	**-1258**	**-1260**	**-1280**	**-1296**	**-1320**	**-1330**	**-1332**
(1,4)	3	1	0	4	3	1	1	0
(1,2).1	1	0	1	1	1	0	0	1
(1,2).2	0	0	1	4	0	0	0	0
(2,2)	0	0	2	3	1	0	0	0
(2,1)	1	0	1	5	1	0	0	0

Table 104: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-1344**	**-1350**	**-1368**	**-1372**	**-1392**	**-1400**	**-1404**	**-1408**
(1,4)	4	1	0	0	1	1	1	0
(1,2).1	1	1	2	0	0	0	1	0
(1,2).2	1	1	0	1	0	0	0	4
(2,2)	0	0	0	0	0	0	0	0
(2,1)	15	1	0	0	0	0	0	15

Table 105: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-1440**	**-1458**	**-1472**	**-1480**	**-1488**	**-1500**	**-1512**	**-1518**
(1,4)	0	9	5	1	4	1	5	4
(1,2).1	2	9	0	0	1	0	5	0
(1,2).2	1	1	0	0	0	0	1	0
(2,2)	5	15	0	0	0	0	2	0
(2,1)	2	7	0	0	0	0	0	0

Table 106: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-1520**	**-1530**	**-1536**	**-1548**	**-1550**	**-1558**	**-1560**	**-1584**
(1,4)	3	4	1	0	4	1	3	1
(1,2).1	0	1	0	1	0	0	0	0
(1,2).2	0	0	4	0	0	0	0	0
(2,2)	0	1	4	0	0	0	0	0
(2,1)	0	0	2	0	0	0	0	0

Table 107: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-1600**	**-1610**	**-1620**	**-1632**	**-1638**	**-1664**	**-1680**	**-1690**
(1,4)	1	1	1	12	1	6	1	1
(1,2).1	0	0	0	0	3	0	1	0
(1,2).2	1	0	1	0	0	3	1	0
(2,2)	1	0	1	6	0	0	0	0
(2,1)	1	0	0	0	4	0	0	0

Table 108: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-1700**	**-1720**	**-1728**	**-1764**	**-1776**	**-1800**	**-1804**	**-1848**
(1,4)	2	1	7	1	0	1	1	1
(1,2).1	0	0	0	1	1	0	0	0
(1,2).2	0	0	1	0	0	1	0	0
(2,2)	1	0	1	0	0	0	0	0
(2,1)	0	0	1	0	0	1	0	0

Table 109: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-1856**	**-1860**	**-1872**	**-1890**	**-1944**	**-1978**	**-2000**	**-2016**
(1,4)	2	0	1	1	4	1	1	5
(1,2).1	0	1	3	5	3	0	0	0
(1,2).2	1	0	0	0	3	0	0	1
(2,2)	0	0	0	0	0	0	0	0
(2,1)	0	0	3	0	3	0	0	0

Table 110: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-2058**	**-2068**	**-2160**	**-2184**	**-2254**	**-2350**
(1,4)	0	1	2	1	1	1
(1,2).1	7	0	0	1	0	0
(1,2).2	0	0	0	0	0	0
(2,2)	0	0	0	0	0	0
(2,1)	0	0	0	0	0	0

Table 111: Numbers of orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

8.2.2 Data of non-orientable edge-transitive surfaces with at most 5000 faces

$\chi(X)$	**1**	**-6**	**-7**	**-12**	**-13**	**-14**	**-15**	**-21**
(1,4)	1	1	2	1	1	1	1	1
(1,2).1	0	0	0	0	0	0	0	0
(1,2).2	0	0	0	0	0	0	0	0
(2,2)	0	0	0	0	0	0	0	0
(2,1)	0	0	0	0	0	0	0	0

Table 112: Numbers of non-orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-24**	**-27**	**-44**	**-45**	**-49**	**-55**	**-68**	**-72**
(1,4)	1	1	2	1	1	2	1	1
(1,2).1	0	0	0	0	0	0	0	0
(1,2).2	0	0	0	0	0	0	0	0
(2,2)	0	0	0	0	0	0	0	0
(2,1)	0	0	0	0	0	0	0	0

Table 113: Numbers of non-orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-84**	**-91**	**-95**	**-104**	**-114**	**-132**	**-140**	**-144**
(1,4)	2	2	2	3	1	2	0	1
(1,2).1	0	0	0	0	0	0	0	0
(1,2).2	0	0	0	0	0	0	1	0
(2,2)	0	0	0	0	0	0	1	0
(2,1)	0	0	0	0	0	0	0	0

Table 114: Numbers of non-orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-145**	**-168**	**-175**	**-204**	**-210**	**-220**	**-228**	**-230**
(1,4)	1	2	1	1	1	2	2	2
(1,2).1	0	0	0	0	0	0	0	0
(1,2).2	0	1	0	0	0	0	0	0
(2,2)	0	0	0	0	0	0	0	0
(2,1)	0	0	0	0	0	0	0	0

Table 115: Numbers of non-orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-234**	**-253**	**-255**	**-272**	**-273**	**-310**	**-312**	**-324**
(1,4)	1	3	4	3	1	1	2	1
(1,2).1	0	0	0	0	0	0	0	0
(1,2).2	0	0	0	0	0	0	0	0
(2,2)	0	0	0	0	0	0	0	0
(2,1)	0	0	0	0	0	0	0	0

Table 116: Numbers of non-orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-325**	**-350**	**-380**	**-399**	**-420**	**-468**	**-475**	**-504**
(1,4)	1	1	3	4	1	2	1	1
(1,2).1	0	0	0	0	0	0	0	0
(1,2).2	0	0	0	0	1	0	0	0
(2,2)	0	0	0	0	0	0	0	0
(2,1)	0	0	0	0	0	0	0	0

Table 117: Numbers of non-orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-506**	**-539**	**-580**	**-609**	**-620**	**-630**	**-684**	**-703**
(1,4)	2	1	1	2	2	1	1	1
(1,2).1	0	0	0	0	0	0	0	0
(1,2).2	0	0	0	0	0	0	0	0
(2,2)	0	0	0	0	0	0	0	0
(2,1)	0	0	0	0	0	0	0	0

Table 118: Numbers of non-orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-729**	**-736**	**-744**	**-759**	**-765**	**-775**	**-792**	**-805**
(1,4)	1	5	2	4	2	1	1	1
(1,2).1	0	0	0	0	0	0	0	0
(1,2).2	0	0	0	0	0	0	0	0
(2,2)	0	0	0	0	0	0	0	0
(2,1)	0	0	0	0	0	0	0	0

Table 119: Numbers of non-orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-812**	**-816**	**-840**	**-924**	**-972**	**-975**	**-992**	**-1000**
(1,4)	2	3	1	1	2	2	2	3
(1,2).1	0	0	0	0	0	0	0	0
(1,2).2	0	0	1	0	0	0	0	0
(2,2)	0	0	0	0	0	0	0	0
(2,1)	0	0	0	0	0	0	0	0

Table 120: Numbers of non-orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-1008**	**-1092**	**-1120**	**-1140**	**-1160**	**-1197**	**-1215**	**-1260**
(1,4)	1	1	2	3	2	2	3	2
(1,2).1	0	0	0	0	0	0	0	0
(1,2).2	0	0	0	0	0	0	0	0
(2,2)	0	0	0	0	0	0	0	0
(2,1)	0	0	0	0	0	0	0	0

Table 121: Numbers of non-orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-1287**	**-1344**	**-1406**	**-1428**	**-1443**	**-1456**	**-1550**	**-1595**
(1,4)	2	0	1	2	5	0	2	6
(1,2).1	0	0	0	0	0	0	0	0
(1,2).2	0	1	0	0	0	1	0	0
(2,2)	0	0	0	0	0	1	0	0
(2,1)	0	0	0	0	0	0	0	0

Table 122: Numbers of non-orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types

$\chi(X)$	**-1624**	**-1632**	**-1680**	**-1716**	**-1767**	**-1932**	**-1984**	**-2015**
(1,4)	4	1	2	2	1	1	4	8
(1,2).1	0	0	0	0	0	0	0	0
(1,2).2	0	0	0	0	0	0	0	0
(2,2)	0	0	0	0	0	0	0	0
(2,1)	0	0	0	0	0	0	0	0

Table 123: Numbers of non-orientable edge-transitive surfaces with at most 5000 faces with respect to their Euler characteristics and face-edge types