

Appendix 1a: Characteristics of employer-insured female subscribers who shared coverage with a spouse or domestic partner, their employers, and health plans, by type of legal union

	Different-Gender Marriage N=1,769,912	Different-Gender Domestic Partnership N=50,481	Same-Gender Domestic Partnership N=17,319	Same-Gender Marriage N=6,213	All Female Subscribers N=1,843,925
<i>Individual Characteristics</i>					
Subscriber age group (%)					
18-24 years	0.7	5.0	1.4	1.0	0.9
25-34	16.3	38.5	19.0	14.3	17.0
35-44	29.3	26.8	28.1	28.6	29.2
45-54	33.8	20.8	36.0	36.5	33.5
55-64	19.8	8.9	15.6	19.5	19.5
Spouse/partner age group (%)					
18-24 years	0.4	2.5	1.8	1.4	0.5
25-34	12.7	33.3	18.8	14.4	13.3
35-44	27.0	29.9	27.4	28.6	27.1
45-54	32.5	21.3	33.3	34.8	32.2
55-64	27.5	13.1	18.7	20.9	27.0
Number of dependents other than spouse/partner by age group (mean)					
Under 6	0.3	0.3	0.1	0.2	0.3
6-11	0.3	0.2	0.1	0.2	0.3
12-17	0.3	0.2	0.1	0.2	0.3
18-26	0.3	0.2	0.1	0.2	0.3
27 and over	0.0	0.0	0.0	0.0	0.0
<i>Employer Characteristics</i>					
Employer group size (%)					
>40K enrolled employees	31.1	36.7	33.1	24.6	31.2
>10K & ≤ 40K	44.9	46.6	46.0	45.9	44.9
5,000-10,000	13.3	8.5	12.2	15.0	13.2
<5,000	10.8	8.2	8.7	14.6	10.7

	Different-Gender Marriage N=1,769,912	Different-Gender Domestic Partnership N=50,481	Same-Gender Domestic Partnership N=17,319	Same-Gender Marriage N=6,213	All Female Subscribers N=1,843,925
Employer Industry (%)					
Agriculture, Forestry, Fishing, and Hunting	0.0	0.0	0.0	0.1	0.0
Mining	0.5	0.2	0.3	0.5	0.4
Utilities	4.3	1.0	5.2	5.2	4.2
Construction	0.5	0.4	0.3	1.6	0.5
Manufacturing	7.9	7.2	6.9	10.2	7.8
Wholesale Trade	0.4	0.1	0.6	0.3	0.4
Retail trade	3.2	0.5	4.3	1.6	3.1
Transportation and Warehousing	6.2	0.4	3.5	3.1	6.0
Information	3.2	8.9	8.1	6.4	3.4
Finance and Insurance	18.3	39.5	17.6	8.7	18.8
Professional, Scientific, and Technical Services	6.5	3.7	6.6	7.5	6.4
Management of Companies and Enterprises	0.3	0.5	0.2	0.4	0.3
Educational services	2.4	1.4	2.4	4.2	2.4
Health care and social assistance	3.1	1.5	2.0	4.1	3.0
Arts, Entertainment, and Recreation	1.5	1.2	2.3	5.0	1.6
Accommodation and Food service	1.1	0.4	1.1	0.4	1.1
Other services (except public administration)	0.9	0.1	0.4	0.4	0.9
Public administration	4.0	0.1	0.5	13.1	3.9
Unknown	35.8	32.9	37.9	27.4	35.7
Health Plan Characteristics (BH Only and BH+EAP/WL)					
Plan type (%)					
More managed (e.g., HMO)	76.4	88.1	80.5	62.8	76.7
Less managed (e.g., PPO, etc.)	23.6	11.9	19.5	37.2	23.3

	Different-Gender Marriage N=1,769,912	Different-Gender Domestic Partnership N=50,481	Same-Gender Domestic Partnership N=17,319	Same-Gender Marriage N=6,213	All Female Subscribers N=1,843,925
Carve-out (vs. carve-in) plan (%)					
Carve-in	68.6	76.3	74.3	51.8	68.8
Carve-out	31.4	23.7	25.7	48.2	31.2
<i>Geographic and Time Factors</i>					
Number of providers per 1000 members, by state & year (mean)					
MD	0.9	0.9	0.9	1.1	0.9
MSW	3.5	3.5	3.4	4.8	3.5
PHD	1.2	1.3	1.2	1.5	1.2
RN	0.2	0.2	0.2	0.4	0.2
Non-Independent Licensed	0.1	0.2	0.3	0.4	0.1
Year enrolled in plan (%)					
2008	13.7	11.7	12.0	13.0	13.6
2009	16.9	14.4	16.4	18.7	16.9
2010	20.4	20.4	21.0	18.9	20.4
2011	17.5	15.7	17.4	17.4	17.5
2012	16.6	18.3	16.9	17.1	16.7
2013	14.9	19.5	16.4	14.9	15.0
Census Divisions (%)					
New England	7.0	5.8	5.3	16.5	7.0
Middle Atlantic	10.0	14.3	11.8	8.9	10.1
East North Central	17.1	13.3	11.2	9.0	16.9
West North Central	8.8	9.2	6.7	4.7	8.8
South Atlantic	17.7	16.3	19.9	15.8	17.7
East South Central	3.7	2.3	2.9	2.3	3.7
West South Central	11.9	8.6	13.3	10.7	11.8
Mountain	9.0	11.0	10.8	7.8	9.0

	Different-Gender Marriage N=1,769,912	Different-Gender Domestic Partnership N=50,481	Same-Gender Domestic Partnership N=17,319	Same-Gender Marriage N=6,213	All Female Subscribers N=1,843,925
Pacific	14.8	19.3	18.2	24.2	15.0

Source: Optum® health claims 2008-2013

Appendix 1b: Characteristics of employer-insured male subscribers who shared coverage with a spouse or domestic partner, their employers, and health plans, by type of legal union

	Different-Gender Marriage N=4,446,420	Different-Gender Domestic Partnership N=43,325	Same-Gender Domestic Partnership N=23,093	Same-Gender Marriage N=6,883	All Male Subscribers N=4,519,721
<i>Individual Characteristics</i>					
Subscriber age group (%)					
18-24 years	0.4	2.9	0.7	0.7	0.5
25-34	13.3	40.3	13.6	12.7	13.5
35-44	28.9	28.4	30.3	30.8	28.9
45-54	32.7	18.0	40.3	37.8	32.6
55-64	24.7	10.4	15.1	18.0	24.5
Spouse/partner age group (%)					
18-24 years	1.1	6.7	1.3	1.5	1.2
25-34	17.6	44.8	14.9	16.5	17.8
35-44	30.1	24.0	29.6	31.4	30.0
45-54	32.2	16.9	38.1	34.1	32.1
55-64	19.0	7.7	16.2	16.5	18.9
Number of dependents other than spouse/partner by age group (mean)					
Under 6	0.3	0.3	0.0	0.1	0.3
6-11	0.4	0.2	0.0	0.2	0.4
12-17	0.4	0.2	0.0	0.1	0.4
18-26	0.4	0.2	0.0	0.1	0.4
27 and over	0.0	0.0	0.0	0.0	0.0
<i>Employer Characteristics</i>					
Employer group size (%)					
>40K enrolled employees	34.5	27.1	39.5	16.0	34.4
>10K & ≤ 40K	39.3	52.3	41.4	49.2	39.5

	Different-Gender Marriage N=4,446,420	Different-Gender Domestic Partnership N=43,325	Same-Gender Domestic Partnership N=23,093	Same-Gender Marriage N=6,883	All Male Subscribers N=4,519,721
5,000-10,000	13.8	10.2	10.3	19.1	13.7
<5,000	12.4	10.4	8.8	15.7	12.4
Employer Industry (%)					
Agriculture, Forestry, Fishing, and Hunting	0.0	0.0	0.0	0.1	0.0
Mining	1.7	1.1	0.2	1.2	1.7
Utilities	7.2	3.0	3.0	3.4	7.1
Construction	1.5	2.3	0.2	1.2	1.5
Manufacturing	9.8	9.7	3.5	6.7	9.7
Wholesale Trade	0.6	0.1	0.1	0.0	0.6
Retail trade	1.3	0.6	3.6	4.2	1.4
Transportation and Warehousing	15.8	0.7	17.5	5.2	15.7
Information	3.0	10.0	7.1	8.4	3.1
Finance and Insurance	9.7	25.2	20.2	13.2	9.9
Professional, Scientific, and Technical Services	9.7	6.6	5.3	6.9	9.6
Management of Companies and Enterprises	0.2	0.2	0.4	0.1	0.2
Educational services	0.7	0.7	1.6	3.3	0.8
Health care and social assistance	0.5	0.4	0.8	2.3	0.5
Arts, Entertainment, and Recreation	2.0	3.2	2.2	9.0	2.0
Accommodation and Food service	2.3	0.5	0.7	0.2	2.2
Other services (except public administration)	0.4	0.1	0.2	0.1	0.4
Public administration	2.8	0.2	0.4	3.9	2.8
Unknown	30.7	35.5	33.0	30.8	30.8
Health Plan Characteristics (BH Only and BH+EAP/WL)					
Plan type (%)					

	Different-Gender Marriage N=4,446,420	Different-Gender Domestic Partnership N=43,325	Same-Gender Domestic Partnership N=23,093	Same-Gender Marriage N=6,883	All Male Subscribers N=4,519,721
More managed (e.g., HMO)	73.8	89.5	81.1	68.1	74.0
Less managed (e.g., PPO, etc.)	26.2	10.5	18.9	31.9	26.0
Carve-out (vs. carve-in) plan (%)					
Carve-in	73.0	83.5	76.4	56.8	73.1
Carve-out	27.0	16.6	23.6	43.3	26.9
Geographic and Time Factors					
Number of providers per 1000 members, by state & year (mean)					
MD	0.9	0.9	0.8	0.9	0.9
MSW	3.5	3.6	3.1	3.4	3.5
PHD	1.2	1.2	1.2	1.2	1.2
RN	0.2	0.2	0.2	0.2	0.2
Non-Independent Licensed	0.2	0.2	0.1	0.2	0.2
Year enrolled in plan (%)					
2008	14.1	10.0	12.3	15.0	14.1
2009	16.9	13.4	16.0	18.2	16.9
2010	19.4	18.8	20.9	18.6	19.4
2011	17.4	17.0	16.7	16.9	17.4
2012	16.6	19.5	16.7	16.0	16.7
2013	15.5	21.4	17.3	15.4	15.6
Census Divisions (%)					
New England	6.7	5.9	4.6	7.5	6.7
Middle Atlantic	10.5	16.8	13.6	13.4	10.6
East North Central	16.4	12.0	11.2	8.2	16.4
West North Central	8.7	6.8	5.5	4.2	8.7
South Atlantic	18.1	17.3	24.2	17.1	18.1
East South Central	4.9	2.4	2.5	2.4	4.8
West South Central	14.6	10.8	11.0	10.4	14.6

	Different-Gender Marriage N=4,446,420	Different-Gender Domestic Partnership N=43,325	Same-Gender Domestic Partnership N=23,093	Same-Gender Marriage N=6,883	All Male Subscribers N=4,519,721
Mountain	9.2	9.4	7.7	8.5	9.2
Pacific	11.0	18.6	19.6	28.4	11.1

Source: Optum® health claims 2008-2013

Appendix 2a: Diagnoses among of employer-insured female adults with any service use in a calendar year, by type of legal union

	Different-Gender Marriage	Different-Gender Domestic Partnership	Same-Gender Domestic Partnership	Same-Gender Marriage
Total number of women with any service use	495,098	9,440	5,221	2,058
Any adjustment disorder (%)	31.0	31.8	31.5	31.8
Any post-traumatic stress disorder (%)	4.8	5.3	7.7	8.2
Any generalized anxiety (%)	22.5	24.9	23.4	25.6
Any obsessive-compulsive disorder (%)	2.1	1.6	1.7	1.2
Any panic disorder (%)	5.5	6.3	4.3	4.3
Any phobia (%)	0.9	0.9	1.1	1.3
Any cognitive disorder (%)	0.7	0.6	0.9	0.9
Any bipolar disorder (%)	9.3	8.4	11.6	8.9
Any depressive disorder (%)	47.5	44.0	47.5	47.7
Any personality disorder (%)	1.0	1.1	1.0	1.3
Any psychotic disorder (%)	1.5	1.0	1.1	1.0
Any alcohol use disorder (%)	2.6	3.5	3.4	3.4
Any drug use disorder (%)	1.9	2.6	2.3	1.6
Any other psychiatric disorder (%)	10.9	11.0	10.2	11.2
Number of behavioral health diagnoses (%)				
1	68.0	66.8	66.3	63.3
2	21.3	21.3	20.7	24.2
3 or more	10.7	11.9	12.9	12.5

Source: Optum® health claims 2008-2013

Appendix 2b: Diagnoses among of employer-insured male adults with any service use in a calendar year, by type of legal union

	Different-Gender Marriage	Different-Gender Domestic Partnership	Same-Gender Domestic Partnership	Same-Gender Marriage
Total number of men with any service use	319,125	6,030	5,357	1,477
Any adjustment disorder (%)	33.0	30.7	24.7	24.7
Any post-traumatic stress disorder (%)	3.5	3.1	3.6	3.2
Any generalized anxiety (%)	19.9	20.6	26.0	24.5
Any obsessive-compulsive disorder (%)	2.1	1.5	2.8	3.0
Any panic disorder (%)	4.3	5.3	5.3	6.6
Any phobia (%)	1.1	1.3	1.3	0.9
Any cognitive disorder (%)	1.0	0.7	0.7	0.7
Any bipolar disorder (%)	7.3	7.9	11.0	8.9
Any depressive disorder (%)	39.8	38.3	48.9	49.8
Any personality disorder (%)	0.8	0.9	0.9	1.0
Any psychotic disorder (%)	1.3	1.5	1.1	1.4
Any alcohol use disorder (%)	6.6	8.6	5.3	6.0
Any drug use disorder (%)	3.7	6.9	4.0	2.4
Any other psychiatric disorder (%)	11.7	11.7	8.9	10.5
Number of behavioral health diagnoses (%)	33.0	30.7	24.7	24.7
1	70.1	67.8	65.4	65.7
2	20.2	20.8	22.2	22.8
3 or more	9.7	11.4	12.4	11.5

Source: Optum® health claims 2008-2013