EMPLOYER HEALTH BENEFITS 2016 ANNUAL SURVEY Technical Supplement: Standard Error Tables for Selected Estimates

Exhibit S.1
Estimates and Standard Errors for Premiums and Worker Contributions for Covered
Workers, by Plan Type and Firm Size, 2016

	Single Co	overage	Family C	Family Coverage		
	Estimate (\$)	Standard Error	Estimate (\$)	Standard Error		
Premiums						
All Small Firms (3-199 Workers) All Large Firms (200 or More Workers) All PLANS	6,429.19	136.14	17,546.05	332.28		
	6,437.53	79.28	18,394.50	239.46		
	6,435.00	68.94	18,142.40	194.00		
HMO All Small Firms	6,700.01	371.56	17,282.09	727.41		
HMO All Large Firms	6,513.39	134.71	18,317.80	424.32		
HMO ALL FIRMS	6,576.41	154.29	17,978.05	386.04		
PPO All Small Firms PPO All Large Firms PPO ALL FIRMS	6,590.48	195.35	18,137.13	543.01		
	6,869.94	85.19	19,283.14	288.61		
	6,800.03	80.81	19,002.78	253.93		
POS All Small Firms POS All Large Firms POS ALL FIRMS	6,135.54	289.73	17,561.16	776.70		
	6,823.44	229.48	19,543.05	749.54		
	6,383.76	211.83	18,297.05	589.64		
HDP All Small Firms	6,215.37	204.88	16,809.03	509.54		
HDP All Large Firms	5,589.85	127.25	16,709.34	381.87		
HDP ALL FIRMS	5,762.21	115.09	16,736.58	310.83		
Worker Premium Contributions						
All Small Firms (3-199 Workers) All Large Firms (200 or More Workers) All PLANS	1,021.11	66.52	6,596.90	279.00		
	1,176.26	40.48	4,718.92	135.58		
	1,129.18	34.53	5,276.93	134.39		
HMO All Small Firms	1,391.47	242.98	7,525.83	603.22		
HMO All Large Firms	1,112.91	96.52	4,345.31	407.36		
HMO ALL FIRMS	1,206.98	107.53	5,388.62	401.03		
PPO All Small Firms PPO All Large Firms PPO ALL FIRMS	1,058.94	75.10	6,731.46	335.23		
	1,296.08	48.71	5,192.92	163.68		
	1,236.76	41.13	5,569.31	154.16		
POS All Small Firms POS All Large Firms POS ALL FIRMS	877.14	149.90	7,461.14	819.41		
	1,248.36	143.87	5,657.29	441.57		
	1,011.09	110.99	6,791.36	542.17		
HDP All Small Firms	829.59	103.65	5,248.74	585.37		
HDP All Large Firms	986.17	79.23	3,928.20	197.48		
HDP ALL FIRMS	943.03	64.46	4,288.96	220.26		
Percent Change in Premiums	2.95%	1.60%	3.40%	1.59%		

Exhibit S.2
Offer and Coverage Rate Estimates and Standard Errors, 2016

	Estimate (%)	Standard Error
Offer Rate		
3-9 Workers	46.25	3.32
10-24 Workers	61.23	3.35
25-49 Workers	79.97	2.45
50-199 Workers	91.05	1.76
200-999 Workers	97.48	0.72
1,000-4,999 Workers	99.53	0.33
5,000 or More Workers	99.53	0.34
All Small Firms (3-199 Workers)	55.31	2.18
All Large Firms (200 or More Workers)	97.87	0.59
ALL FIRMS	56.02	2.15
Eligibility Rate, Among Workers in Firms Offering Cover	rage	
All Small Firms (3-199 Workers)	82.14	1.45
All Large Firms (200 or More Workers)	77.71	1.58
ALL FIRMS	79.04	1.2
Coverage Rate, Among Both Workers in Firms Offering	or Not Offering (Covorago
All Small Firms (3-199 Workers)	43.77	1.74
All Large Firms (200 or More Workers)	61.18	1.63
ALL FIRMS	54.59	1.20
ALL I IIIIIO	04.00	1.20
Take-Up Rate, Among Workers in Firms Offering Covera		
All Small Firms (3-199 Workers)	76.78	1.25
All Large Firms (200 or More Workers)	79.43	1.08
ALL FIRMS	78.61	0.84
Coverage Rate, Among Workers in Firms Offering Cove	rage	
3-9 Workers	59.34	6.87
10-24 Workers	68.70	3.46
25-49 Workers	61.70	3.27
50-199 Workers	62.22	1.86
200-999 Workers	64.48	1.45
1,000-4,999 Workers	63.88	1.99
5,000 or More Workers	59.91	2.66
All Small Firms (3-199 Workers)	63.07	1.55
All Large Firms (200 or More Workers)	61.72	1.61
A series Heavy (Mining (Ourself and	55.04	4.00
Agriculture/Mining/Construction	55.64	4.93
Manufacturing	77.20	1.65
Transportation/Communications/Utilities	69.65	6.63
Wholesale	72.85	2.65
Retail	36.63	5.50
Financial	74.25	3.76
Service	58.78	1.79
State/Local Government	77.21	2.44
Health Care	64.34	1.71
ALL FIRMS	62.13	1.22

Exhibit S.3

Average Annual Deductibles for Covered Workers with a Deductible for Single Coverage, by Firm Size, 2016

	Estimate (\$)	Standard Error
HMO All Small Firms	1,385.71	245.42
HMO All Large Firms	692.13	147.63
HMO ALL FIRMS	916.87	152.70
PPO All Small Firms	1,661.83	137.04
PPO All Large Firms	814.32	42.30
PPO ALL FIRMS	1,028.09	50.06
POS All Small Firms	2,087.22	235.95
POS All Large Firms	969.99	149.30
POS ALL FIRMS	1,736.51	182.64
HDP All Small Firms	2,705.36	144.71
HDP All Large Firms	2,006.65	84.87
HDP ALL FIRMS	2,199.18	77.09
All Small Firms	2,068.93	101.27
All Large Firms	1,237.54	52.34
ALL FIRMS	1,477.71	49.61

Exhibit S.4

Average Annual Deductibles for Covered Workers, Family Coverage, by Type of Family Deductible and Firm Size, 2016

		an Aggregate Family Coverage	Firms with a Separate Per Person Deductible for Family Coverage		
	Estimate (\$)	Standard Error	Estimate (\$)	Standard Error	
HMO All Small Firms	2,650.38	485.29	NSD	NSD	
HMO All Large Firms	2,016.85	345.95	383.72	107.49	
HMO ALL FIRMS	2,245.18	263.4	632.01	204.06	
PPO All Small Firms PPO All Large Firms PPO ALL FIRMS	3,148.32	278.05	1,837.02	260.02	
	1,838.37	122.16	769.20	53.71	
	2,147.18	118.34	1,051.64	94.78	
POS All Small Firms POS All Large Firms POS ALL FIRMS	4,396.10	579.89	NSD	NSD	
	2,007.18	323.58	NSD	NSD	
	3,768.99	468.11	1,179.76	326.79	
HDP All Small Firms	4,960.26	243.41	3,426.00	272.27	
HDP All Large Firms	4,110.67	183.54	2,031.33	149.85	
HDP ALL FIRMS	4,342.98	151.57	2,410.52	200.70	

Exhibit S.5
Estimates and Standard Errors for Office Visit Cost Sharing for Covered Workers, 2016

	Estimate	Standard Error
Copayment, Prima	ry Care Physician Office \	/isits (\$)
HMO	23.88	1.07
PPO	24.35	0.43
POS	25.64	1.08
HDHP/SO	25.03	0.90
All Plans	24.44	0.41

Coinsurance, Primary Care Physician Office Visits (%)					
HMO	NSD	NSD			
PPO	19.23	0.49			
POS	NSD	NSD			
HDHP/SO	17.55	0.83			
All Plans	18.04	0.65			

Copayment, Specialist Care Physician Office Visits (\$)					
HMO	35.79	1.69			
PPO	38.56	0.8			
POS	38.96	1.7			
HDHP/SO	41.21	2.02			
All Plans	38.17	0.73			

Coinsurance, Specialist Care Physician Office Visits (%)				
HMO	NSD	NSD		
PPO	19.99	0.67		
POS	NSD	NSD		
HDHP/SO	18.33	0.62		
All Plans	18.91	0.50		

Exhibit S.6
Annual Estimates and Standard Errors for Workers in an HDHP/HRA or HSA-Qualified HDHP, 2016

	Health Reimbursement Arrangment (HRA)					Health Savings	Account (HSA	A)
	Single (Coverage	Family Coverage Single Coverage		Coverage	Family Coverage		
	Estimate (\$)	Standard Error	Estimate (\$)	Standard Error	Estimate (\$)	Standard Error	Estimate (\$)	Standard Error
Premium	5,860.37	292.31	17,733.54	687.63	5,719.03	112.62	16,246.38	360.60
Worker Contribution to Premium	1,143.35	159.50	5,105.05	393.95	849.47	57.77	3,930.47	270.58
General Annual Deductible	2,030.99	131.03	4,321.13	304.60	2,295.22	90.67	4,364.31	179.80
Out-of-Pocket Liability	4,264.25	345.08	N/A	N/A	4,082.58	118.55	N/A	N/A
Firm Contribution to the HRA or HSA	1,058.63	91.57	1,866.70	181.71	685.73	61.86	1,207.81	115.45

Exhibit S.7

Percentage of Covered Workers in Partially or Completely Self-Funded Plans and Percent of These Workers in Plans Covered by Stop Loss Coverage, by Firm Size, 2016

	Percentage of Covered Workers in Partially or Completely Self-Funded Plans		Workers Enro Funded Plan t	e of Covered olled in a Self- that Purchased s Insurance
	Estimate (%) Standard Error		Estimate (%)	Standard Error
3-199 Workers	13.30	2.30	71.55	7.12
200-999 Workers	49.67 3.56		87.73	3.59
1,000-4,999 Workers	83.40 2.66		91.11	1.96
5,000 or More Workers	94.00	1.95	36.41	4.40
ALL PLANS	61.00	1.88	56.62	3.59

Exhibit S.8

Percentage of Covered Workers Enrolled in Plans Grandfathered under the Affordable Care Act
(ACA), by Size, 2016

	Enrolled in a	overed Workers Grandfathered Ian	Offer At	mployers Who Least One hered Plan
	Estimate (%)	Estimate (%) Standard Error		Standard Error
3-24 Workers	20.27	4.40	20.10	5.47
25-49 Workers	24.01	5.07	30.23	4.88
50-199 Workers	26.38	3.91	29.50	3.69
200-999 Workers	29.02	3.40	29.02	3.07
1,000-4,999 Workers	16.81	2.38	22.72	2.57
5,000 or More Workers	21.82	4.52	25.53	3.35
All Small Firms (3-199 Workers)	23.90	23.90 2.56		4.12
All Large Firms (200 or More Workers)	22.33	22.33 2.69		2.51
ALL FIRMS	22.81	2.02	22.87	3.97

Exhibit S.9

Percentage of Covered Workers Enrolled at a Firm Which Offers Benefits Through a Private or Corporate Exchange, by Firm Size, 2016

		Estimate			Standard Error		
	Yes (%)	No (%)	Don't Know (%)	Yes	No	Don't Know	
200-999 Workers	1.63	97.24	1.13	0.71	0.92	0.59	
1,000 to 4,999 Workers	1.09	98.67	0.24	0.49	0.54	0.24	
5,000 or More Workers	2.36	97.59	0.05	0.78	0.78	0.05	
All Large Firms (200 or more Workers)	1.92	97.75	0.33	0.47	0.49	0.14	

Exhibit S.10

Among Large Firms (200 or More Workers) Offering Health Benefits to Active Workers,
Percentage of Firms Offering Retiree Health Benefits, by Firm Size, Region, and
Industry, 2016

	Estimate (%)	Standard Error
FIRM SIZE		
200-999 Workers	20.94	2.31
1,000-4,999 Workers	36.29	2.68
5,000 or More Workers	45.65	3.44
REGION		
Northeast	19.18	3.50
Midwest	28.90	4.02
South	28.97	3.81
West	17.61	3.91
INDUSTRY		
Agriculture/Mining/Construction	9.33	5.40
Manufacturing	10.88	3.29
Transportation/Communications/Utilities	54.58	10.65
Wholesale	15.99	8.04
Retail	1.98	0.61
Finance	45.81	8.96
Service	20.00	2.99
State/Local Government	72.17	6.30
Health Care	15.07	3.48
All Large Firms (200 or More Workers)	24.31	1.93

Exhibit S.11

Percentage of Covered Workers in Firms with a Waiting Period for Coverage and Average Waiting Period in Months, by
Firm Size, Region, and Industry, 2016

	Percentage of Covered Workers in Firms with a Waiting Period (%)	Standard Error	Among Covered Workers with a Waiting Period, Average Waiting Period (Months)	Standard Error
FIRM SIZE				
All Small Firms (3-199 Workers)	78.30	3.11	2.07	0.08
All Large Firms (200 or More Workers)	69.70	3.05	1.85	0.06
REGION				
Northeast	71.44	5.55	1.98	0.15
Midwest	74.13	4.59	1.77	0.07
South	66.31	4.24	2.02	0.08
West	81.22	3.89	1.89	0.11
NDUSTRY				
Agriculture/Mining/Construction	85.58	6.04	2.15	0.16
Manufacturing	77.48	4.59	1.97	0.11
Transportation/Communications/Utilities	47.99	10.66	2.22	0.17
Wholesale	92.65	3.35	2.14	0.14
Retail	94.85	2.51	2.34	0.18
Finance	76.11	6.88	1.50	0.14
Service	63.96	3.91	1.93	0.08
State/Local Government	58.35	8.94	1.44	0.08
Health Care	82.37	6.29	1.80	0.12
ALL FIRMS	72.31	2.34	1.92	0.05

Exhibit S.12

Among Workers with Three, Four, or More Tiers of Cost Sharing, Distribution of Covered Workers with the Following Types of Cost Sharing for Prescription Drugs, by Drug Plan
Type and Firm Size, 2016

First-Tier Drugs, Often Called Generic Drugs	Copay	Standard Error	Coinsurance	Standard Error	Plan Pays Entire Cost After Any Deductibles Are Met	Standard Error	Some Other Amount	Standard Error
All Small Firms	91.56	2.27	6.50	2.22	0.82	0.38	1.12	0.48
All Large Firms	80.54	2.89	16.05	2.58	3.06	1.58	0.35	0.15
ALL FIRMS	83.63	2.19	13.37	1.96	2.43	1.15	0.57	0.17
Second-Tier Drugs, Often Called Preferred Drugs	Copay	Standard Error	Coinsurance	Standard Error	Copay or Coinsurance Plus Any Difference§	Standard Error	Some Other Amount	Standard Error
All Small Firms	88.78	2.47	9.44	2.34	0.00	0.00	1.78	0.91
All Large Firms	63.66	3.60	35.46	3.62	0.11	0.08	0.76	0.25
ALL FIRMS	70.70	2.83	28.17	2.84	0.08	0.06	1.05	0.31
Third-Tier Drugs, Often Called Non-Preferred Drugs	Copay	Standard Error	Coinsurance	Standard Error	Copay or Coinsurance Plus Any Difference§	Standard Error	Some Other Amount	Standard Error
All Small Firms	82.77	3.41	14.23	3.16	0.00	0.00	3.00	1.50
All Large Firms	60.05	3.75	38.67	3.77	0.12	0.09	1.16	0.52
ALL FIRMS	66.02	3.04	32.25	3.05	0.09	0.07	1.64	0.55
Fourth-Tier Drugs	Copay	Standard Error	Coinsurance	Standard Error	Copay or Coinsurance Plus Any Difference§	Standard Error	Some Other Amount	Standard Error
All Small Firms	50.87	11.43	37.23	12.15	0.00	0.00	11.90	6.95
All Large Firms	27.44	8.80	58.84	11.81	13.72	12.11	0.00	0.00
ALL FIRMS	41.29	7.63	46.07	8.30	5.61	5.36	7.04	4.18

[§] Category includes workers who pay a copayment or coinsurance plus the difference between the cost of the prescription and the cost of a comparable generic drug.

Exhibit S.13

Among Covered Workers with Three, Four, or More Tiers of Prescription Cost Sharing, Distribution of Covered Workers with the Following Types of Cost Sharing for Prescription Drugs, by Largest Plan Type, 2016

First-Tier Drugs, Often Called Generic Drugs	Copay	Standard Error	Coinsurance	Standard Error	Plan Pays Entire Cost After Any Deductibles Are Met	Standard Error	Some Other Amount	Standard Error
Largest Plan HDHP/SO	68.86	6.29	22.98	5.23	7.71	4.73	0.46	0.32
Not an HDHP/SO	87.99	2.05	10.53	2.03	0.87	0.32	0.60	0.20
ALL FIRMS	83.63	2.19	13.37	1.96	2.43	1.15	0.57	0.17
Second-Tier Drugs, Often Called Preferred Drugs	Copay	Standard Error	Coinsurance	Standard Error	Copay or Coinsurance Plus Any Difference§	Standard Error	Some Other Amount	Standard Error
Largest Plan HDHP/SO	47.89	6.40	51.32	6.46	0.00	0.00	0.79	0.54
Not an HDHP/SO	77.44	2.77	21.33	2.78	0.10	0.08	1.12	0.37
ALL FIRMS	70.70	2.83	28.17	2.84	0.08	0.06	1.05	0.31
Third-Tier Drugs, Often Called Non-Preferred Drugs	Copay	Standard Error	Coinsurance	Standard Error	Copay or Coinsurance Plus Any Difference§	Standard Error	Some Other Amount	Standard Error
Largest Plan HDHP/SO	43.08	6.45	55.81	6.54	0.00	0.00	1.11	0.76
Not an HDHP/SO	72.30	3.14	25.79	3.14	0.12	0.09	1.79	0.67
ALL FIRMS	66.02	3.04	32.25	3.05	0.09	0.07	1.64	0.55
Fourth-Tier Drugs	Copay	Standard Error	Coinsurance	Standard Error	Copay or Coinsurance Plus Any Difference§	Standard Error	Some Other Amount	Standard Error
Largest Plan HDHP/SO	NSD	NSD	NSD	NSD	NSD	NSD	NSD	NSD
Not an HDHP/SO	39.00	8.16	46.11	9.14	6.60	6.27	8.29	4.90
ALL FIRMS	41.29	7.63	46.07	8.30	5.61	5.36	7.04	4.18

[§] Category includes workers who pay a copayment or coinsurance plus the difference between the cost of the prescription and the cost of a comparable generic drug.

NSD: Not Sufficient Data.

Exhibit S.14 Among Covered Workers with Three, Four, or More Tiers of Prescription Cost Sharing, Average Copayments and Average Coinsurance by Largest Plan Type, 2016

First-Tier Drugs, Often Called	Copay (\$)	Standard Error	Coinsurance (%)	Standard Error
Generic Drugs	σοραγ (ψ)	Standard Error	Comedianes (70)	Otalidara Elifor
Largest Plan HDHP/SO	10	0.46	17	1.4
Not an HDHP/SO	11	0.26	18	0.88
ALL FIRMS	11	0.23	17	0.77
Second-Tier Drugs, Often				
Called Preferred Drugs				
Largest Plan HDHP/SO	33	0.98	26	2.16
Not an HDHP/SO	33	0.49	25	1.2
ALL FIRMS	33	0.44	25	1.16
Third-Tier Drugs, Often				
Called Non-Preferred Drugs				
Largest Plan HDHP/SO	59	1.72	39	2.33
Not an HDHP/SO	56	0.99	36	1.7
ALL FIRMS	57	0.88	37	1.41
Fourth-Tier Drugs				
Largest Plan HDHP/SO	NSD	NSD	NSD	NSD
Not an HDHP/SO	111	11.35	29	2.87
ALL FIRMS	102	10	29	2.75

Employer Health Benefits 2016 Annual Survey