

July 2005

Appendices A and B for *More Than Half of Californians in HMOs Are Overweight or Obese*

Appendix A:

95% Confidence Intervals for Exhibit 2

Prevalence of Overweight or Obesity by Health Plan and Age Group, Ages 12-64, California 2003

		Health Plans										
		Aetna	Blue Cross	Blue Shield	Cigna	Health Net	Kaiser	PacificCare	Other Plans	Unknown	All Plans	
Overall Population		327,600	1,357,800	846,600	330,300	966,700	3,951,800	853,800	968,700	384,300	9,987,500	
Number Overweight or Obese		194,500	687,500	413,300	172,700	512,200	2,129,000	421,700	503,700	173,700	5,208,300	
Age Groups	12 to 17	Overweight	21.8 (9.3, 43.3)	12.9 (7.7, 20.8)	8.3 (4.7, 14.1)	13.8 (6.1, 28.4)	16.0 (10.2, 24.1)	13.3 (10.5, 16.6)	9.1 (5.1, 15.7)	17.5 (10.0, 28.6)	13.9 (5.3, 32.0)	13.4 (11.5, 15.7)
		Obese	9.0 (3.1, 23.5)	11.2 (6.3, 18.9)	9.8 (5.4, 17.2)	9.0 (1.8, 34.6)	6.5 (2.8, 14.6)	13.0 (9.6, 17.4)	13.3 (7.5, 22.5)	14.5 (7.7, 25.5)	4.3 (1.2, 13.9)	11.5 (9.5, 13.9)
		Overweight or Obese	30.9 (15.6, 51.9)	24.0 (16.2, 34.1)	18.1 (12.0, 26.3)	22.8 (10.4, 42.8)	22.5 (15.4, 31.6)	26.2 (21.7, 31.4)	22.4 (15.0, 32.1)	32.0 (23.6, 41.6)	18.2 (8.1, 36.2)	24.9 (22.3, 27.8)
	18 to 34	Overweight	38.4 (27.2, 50.9)	30.5 (25.6, 35.8)	27.5 (20.8, 35.5)	32.2 (20.9, 46.1)	35.4 (27.9, 43.7)	32.1 (28.6, 35.9)	27.9 (21.9, 34.7)	26.5 (20.8, 33.2)	31.4 (23.0, 41.3)	31.0 (28.9, 33.2)
		Obese	17.1 (9.6, 28.4)	12.2 (9.1, 16.2)	18.6 (13.6, 24.9)	17.1 (9.9, 27.7)	15.1 (10.5, 21.2)	14.7 (12.5, 17.3)	14.9 (10.4, 20.9)	13.8 (9.5, 19.6)	10.0 (5.6, 17.0)	14.5 (13.2, 15.9)
		Overweight or Obese	55.4 (43.5, 66.8)	42.7 (37.1, 48.5)	46.1 (39.0, 53.4)	49.3 (37.5, 61.1)	50.4 (41.8, 59.0)	46.9 (42.9, 50.9)	42.7 (36.0, 49.7)	40.3 (33.0, 48.1)	41.4 (32.0, 51.4)	45.5 (43.2, 47.8)
	35 to 49	Overweight	38.7 (29.1, 49.4)	41.0 (36.4, 45.7)	33.7 (29.0, 38.8)	36.4 (28.6, 45.1)	37.1 (31.9, 42.5)	37.5 (34.9, 40.2)	31.4 (26.4, 36.8)	38.6 (33.1, 44.4)	40.0 (30.0, 50.9)	37.2 (35.5, 38.9)
		Obese	28.0 (20.1, 37.6)	18.3 (15.2, 21.8)	19.2 (15.9, 23.1)	22.9 (15.4, 32.8)	21.3 (17.2, 26.2)	23.7 (21.4, 26.2)	22.9 (18.0, 28.7)	26.1 (21.5, 31.2)	10.8 (5.8, 19.1)	22.2 (20.8, 23.7)
		Overweight or Obese	66.7 (57.4, 74.9)	59.3 (55.0, 63.4)	52.9 (48.4, 57.4)	59.3 (49.6, 68.4)	58.4 (53.0, 63.6)	61.2 (58.4, 64.0)	54.3 (47.7, 60.7)	64.6 (59.1, 69.7)	50.7 (40.3, 61.0)	59.4 (57.6, 61.3)
	50 to 64	Overweight	36.6 (26.4, 48.2)	39.9 (35.0, 45.0)	38.5 (32.1, 45.4)	44.0 (31.7, 57.1)	40.1 (33.6, 47.0)	39.9 (37.5, 42.3)	40.4 (34.5, 46.6)	38.9 (32.5, 45.7)	41.8 (29.4, 55.4)	39.8 (38.0, 41.7)
		Obese	33.4 (22.4, 46.6)	23.5 (19.3, 28.2)	26.4 (21.1, 32.5)	20.9 (13.2, 31.3)	23.9 (18.9, 29.7)	25.0 (22.6, 27.5)	24.6 (19.5, 30.5)	24.2 (18.8, 30.7)	23.7 (13.5, 38.3)	24.8 (23.2, 26.5)
		Overweight or Obese	70.1 (59.6, 78.8)	63.3 (58.1, 68.3)	64.9 (57.7, 71.6)	64.9 (50.7, 76.8)	63.9 (57.8, 69.6)	64.9 (62.3, 67.3)	65.0 (58.5, 70.9)	63.2 (55.3, 70.4)	65.5 (50.7, 77.9)	64.6 (62.7, 66.6)
	All Ages	Overweight	36.0 (30.1, 41.8)	34.0 (31.3, 36.9)	29.5 (26.1, 33.2)	33.5 (27.9, 39.5)	34.6 (31.1, 38.3)	33.6 (32.3, 35.0)	29.5 (26.7, 32.4)	31.8 (28.5, 35.4)	33.6 (27.4, 40.4)	33.0 (32.1, 33.9)
		Obese	23.4 (18.2, 29.5)	16.6 (14.6, 18.8)	19.3 (16.9, 21.9)	18.8 (14.2, 24.5)	18.4 (15.8, 21.3)	20.2 (19.1, 21.5)	19.9 (17.2, 23.0)	20.2 (17.0, 23.7)	11.6 (8.3, 16.1)	19.2 (18.4, 20.0)
		Overweight or Obese	59.4 (53.4, 65.1)	50.6 (47.5, 53.8)	48.8 (45.3, 52.4)	52.3 (46.5, 58.0)	53.0 (49.5, 56.4)	53.8 (52.2, 55.6)	49.4 (46.1, 52.7)	52.0 (47.8, 56.2)	45.2 (38.5, 52.1)	52.2 (51.1, 53.2)

Appendix B:

95% Confidence Intervals for Exhibit 3

Prevalence of Overweight or Obesity by Health Plan and Race/Ethnicity, Ages 12-64, California 2003

		Health Plans									All Plans	
		Aetna	Blue Cross	Blue Shield	Cigna	Health Net	Kaiser	PacifiCare	Other Plans	Unknown		
Overall Population		327,600	1,357,800	846,600	330,300	966,700	3,951,700	853,800	968,700	384,300	9,987,500	
Number Overweight or Obese		194,500	687,500	413,300	172,700	512,200	2,129,000	421,700	503,700	173,700	5,208,300	
Race/Ethnicity	Asian-American/ Pacific Islander	Overweight	37.2 (25.0, 51.2)	22.8 (16.7, 30.3)	11.9 (7.1, 19.1)	32.0 (18.4, 49.5)	32.3 (22.0, 44.7)	26.2 (22.1, 30.7)	27.5 (18.9, 38.3)	27.1 (20.7, 34.5)	30.2 (19.7, 43.3)	26.1 (23.3, 29.1)
		Obese	6.2 (1.9, 18.2)	4.8 (2.6, 8.8)	15.5 (8.8, 26.1)	17.1 (6.8, 36.9)	5.5 (2.4, 11.8)	8.5 (6.0, 11.9)	6.2 (3.2, 11.8)	13.9 (8.5, 22.0)	12.5 (5.8, 25.1)	9.2 (7.4, 11.4)
		Overweight or Obese	43.3 (30.7, 56.9)	27.6 (21.9, 34.1)	27.4 (18.4, 38.8)	49.1 (32.6, 65.7)	37.8 (27.7, 49.0)	34.6 (30.0, 39.6)	33.8 (24.8, 44.1)	41.0 (32.6, 49.9)	42.7 (29.8, 56.7)	35.3 (32.3, 38.5)
	African American	Overweight	36.1 (18.4, 58.6)	19.8 (14.6, 26.2)	21.3 (14.5, 30.0)	24.7 (12.8, 42.2)	24.9 (17.5, 34.2)	26.6 (23.0, 30.5)	22.4 (15.8, 30.9)	21.0 (14.0, 30.3)	35.0 (19.0, 55.2)	24.9 (22.6, 27.5)
		Obese	15.2 (5.9, 33.9)	17.7 (12.7, 24.1)	17.8 (11.4, 26.8)	13.2 (6.2, 25.8)	16.5 (11.3, 23.5)	25.6 (22.0, 29.6)	18.9 (12.6, 27.4)	19.4 (12.8, 28.2)	3.0 (1.1, 8.2)	20.6 (18.5, 22.8)
		Overweight or Obese	51.3 (30.2, 71.9)	37.4 (30.7, 44.7)	39.1 (29.7, 49.4)	37.9 (23.0, 55.5)	41.5 (33.3, 50.1)	52.2 (48.7, 55.6)	41.4 (32.7, 50.7)	40.4 (30.3, 51.4)	38.0 (20.9, 58.7)	45.5 (43.0, 48.0)
	Latino	Overweight	35.8 (21.8, 52.8)	40.1 (33.7, 47.0)	33.3 (23.1, 45.2)	37.5 (26.0, 50.7)	37.6 (28.0, 48.3)	39.2 (35.9, 42.6)	29.9 (22.6, 38.5)	36.7 (28.9, 45.1)	32.9 (22.3, 45.6)	37.3 (35.1, 39.5)
		Obese	43.1 (25.9, 62.2)	22.4 (18.3, 27.2)	26.1 (19.7, 33.9)	17.5 (9.1, 31.1)	25.6 (18.2, 34.8)	24.1 (21.0, 27.6)	27.9 (21.1, 35.9)	26.5 (20.0, 34.1)	19.9 (12.0, 31.1)	24.8 (23.0, 26.6)
		Overweight or Obese	78.9 (64.3, 88.6)	62.6 (55.7, 69.0)	59.4 (49.1, 68.9)	55.0 (42.2, 67.2)	63.2 (54.3, 71.4)	63.3 (59.4, 67.0)	57.8 (48.8, 66.4)	63.1 (53.6, 71.7)	52.8 (40.0, 65.2)	62.0 (59.4, 64.6)
	White	Overweight	37.6 (30.6, 45.1)	38.5 (34.3, 42.8)	35.6 (31.2, 40.4)	34.5 (27.4, 42.4)	37.1 (32.6, 41.8)	35.2 (33.2, 37.2)	30.8 (27.0, 34.9)	33.2 (28.7, 38.0)	35.3 (26.7, 44.9)	35.3 (34.1, 36.6)
		Obese	24.3 (18.1, 31.8)	16.4 (13.6, 19.6)	17.0 (14.5, 19.7)	20.0 (14.3, 27.2)	19.0 (15.5, 23.0)	20.0 (18.1, 22.0)	20.2 (16.8, 24.1)	19.7 (16.0, 24.0)	7.5 (4.6, 12.0)	18.9 (17.9, 19.9)
		Overweight or Obese	61.9 (53.8, 69.4)	54.9 (50.7, 59.1)	52.6 (47.6, 57.5)	54.5 (46.4, 62.3)	56.0 (51.8, 60.2)	55.2 (52.8, 57.4)	51.0 (46.9, 55.2)	52.9 (47.7, 57.9)	42.8 (33.7, 52.3)	54.2 (52.9, 55.5)
	Other	Overweight	21.3 (9.5, 41.2)	17.1 (8.8, 30.8)	24.8 (14.2, 39.6)	33.0 (13.2, 61.5)	28.3 (14.6, 47.6)	36.1 (29.1, 43.8)	34.8 (22.1, 50.0)	36.7 (18.7, 59.5)	34.2 (16.9, 56.9)	30.9 (25.9, 36.4)
		Obese	21.3 (7.3, 48.1)	16.1 (9.0, 27.2)	29.6 (17.4, 45.8)	38.3 (13.1, 71.8)	23.6 (12.8, 39.4)	23.3 (17.4, 30.6)	11.0 (5.2, 21.9)	12.6 (5.4, 26.8)	7.8 (2.6, 21.4)	20.6 (17.2, 24.4)
		Overweight or Obese	42.6 (26.0, 61.1)	33.3 (21.3, 47.9)	54.4 (38.5, 69.4)	71.3 (33.0, 92.6)	51.8 (35.6, 67.7)	59.5 (51.0, 67.3)	45.7 (31.2, 61.0)	49.3 (29.3, 69.5)	42.0 (23.1, 63.6)	51.5 (45.9, 57.1)
	All Ethnicities	Overweight	36.0 (30.5, 41.8)	34.0 (31.3, 36.9)	29.5 (26.1, 33.2)	33.5 (27.9, 39.5)	34.6 (31.1, 38.3)	33.6 (32.3, 35.0)	29.5 (26.7, 32.4)	31.8 (28.5, 35.4)	33.6 (27.4, 40.4)	33.0 (32.1, 33.9)
		Obese	23.4 (18.2, 29.5)	16.6 (14.6, 18.8)	19.3 (16.9, 21.9)	18.8 (14.2, 24.5)	18.4 (15.8, 21.3)	20.2 (19.1, 21.5)	19.9 (17.2, 23.0)	20.2 (17.0, 23.7)	11.6 (8.3, 16.1)	19.2 (18.4, 20.0)
		Overweight or Obese	59.4 (53.4, 65.1)	50.6 (47.5, 53.8)	48.8 (45.3, 52.4)	52.3 (46.5, 58.0)	53.0 (49.5, 56.4)	53.8 (52.2, 55.6)	49.4 (46.1, 52.7)	52.0 (47.8, 56.2)	45.2 (38.5, 52.1)	52.2 (51.1, 53.2)

Source: 2003 California Health Interview Survey

Citation: GF Kominski, DH Roby and N Mostovskaya. Appendices A and B for *More Than Half of Californians in HMOs Are Overweight or Obese*. Los Angeles: UCLA Center for Health Policy Research, July 2005.