

Supplementary material

Supplementary Table 1. For Females: Cohort-Specific Estimates for Newly Incident Drinking (%) per Age-pair and Year-pair. Data From United States National Survey On Drug Use And Health 2-Year Restricted Data Analysis System (Unweighted n~210,000 12-25 Year Olds)^a

Panel A. Estimated Annual Incidence							
Age-pair	12-13	14-15	16-17	18-19	20-21	22-23	24-25
Year-pair							
2002 or 2003	6.5	22.2	30.3	30.9	32.5	13.5	4.6
2004 or 2005	6.6	21.8	28.7	31.4	32.8	13.5	2.8
2006 or 2007	5.4	20.4	27.8	32.7	35.3	12.7	3.5
2008 or 2009	5.4	18.7	25.7	29.1	36.4	15.8	5.3
2010 or 2011	4.9	17.6	24.4	27.8	36.2	18.0	6.1
2012 or 2013	3.7	15.8	24.6	27.4	36.3	17.5	4.2
Meta-analysis Summary^b	5.4	19.4	26.9	29.8	35.0	14.8	4.1
Panel B. 95% Confidence Interval							
2002 or 2003	5.8, 7.3	20.7, 23.7	28.3, 32.4	28.0, 34.0	28.5, 36.7	10.6, 17.2	3.2, 6.7
2004 or 2005	5.8, 7.3	20.4, 23.3	26.7, 30.7	28.6, 34.2	29.3, 36.5	10.7, 17.1	1.7, 4.7
2006 or 2007	4.7, 6.1	19.0, 21.8	25.9, 29.8	29.7, 35.8	31.6, 39.2	9.9, 16.1	2.3, 5.4
2008 or 2009	4.7, 6.1	17.4, 20.1	23.9, 27.6	26.3, 31.9	32.5, 40.5	12.4, 20.0	3.4, 8.2
2010 or 2011	4.3, 5.6	16.3, 19.0	22.7, 26.2	25.4, 30.4	32.7, 39.9	14.1, 22.7	3.8, 9.5
2012 or 2013	3.2, 4.3	14.5, 17.1	22.9, 26.3	25.0, 29.9	32.9, 39.8	13.9, 21.7	2.5, 7.0
Meta-analysis Summary^b	4.5, 6.3	17.4, 21.4	25.0, 28.8	28.1, 31.5	33.5, 36.5	13.1, 16.6	3.2, 5.0

^a. Cells with the same shade trace the experience of individual cohort-pairs.

^b. Meta-analytic summary estimates using random-effect model.

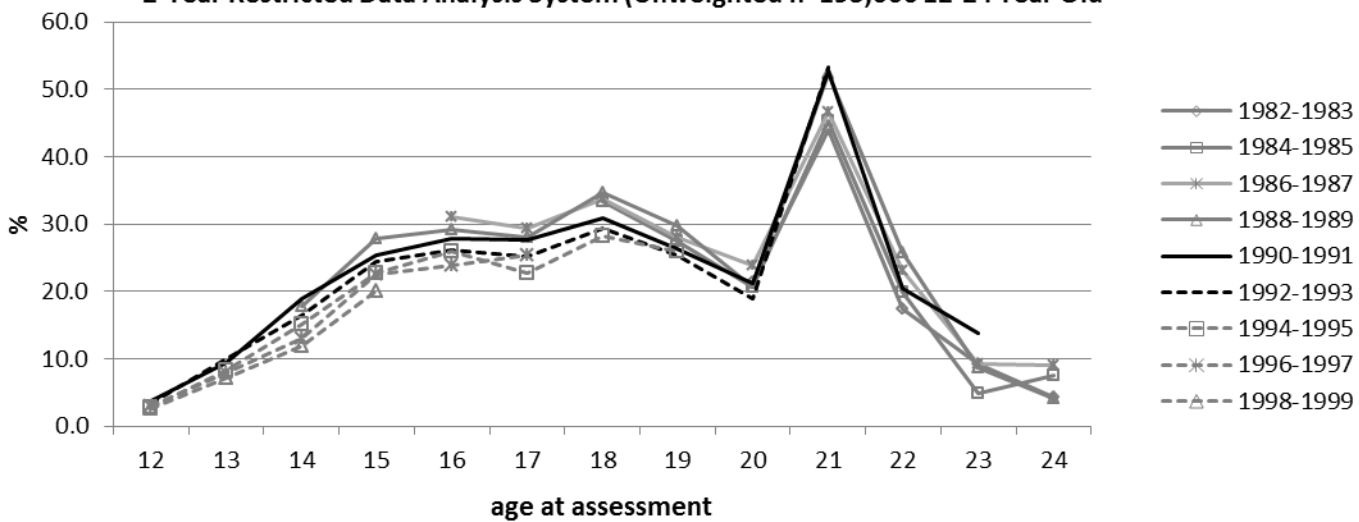
Supplementary Table 2. For Males: Cohort-Specific Risk Estimates for Newly Incident Drinking (%) per Age-pair and Year-pair. Data From United States National Survey On Drug Use And Health 2-Year Restricted Data Analysis System (Unweighted n~210,000 12-25 Year Olds)^a

Panel A. Estimated Annual Incidence							
Age-pair	12-13	14-15	16-17	18-19	20-21	22-23	24-25
Year-pair							
2002 or 2003	5.9	16.5	25.5	27.9	32.8	12.3	8.4
2004 or 2005	5.6	16.9	26.3	28.9	29.4	13.0	2.0
2006 or 2007	5.1	16.6	26.7	31.4	33.4	15.6	6.4
2008 or 2009	4.8	15.7	26.0	30.9	34.4	16.3	4.3
2010 or 2011	4.3	14.7	24.1	30.5	39.4	15.8	5.7
2012 or 2013	3.2	12.7	22.6	28.1	35.2	17.6	4.2
Meta-analysis Summary^b	4.8	15.4	25.1	29.7	34.2	15.0	4.8
Panel B. 95% Confidence Interval							
2002 or 2003	5.2, 6.6	15.3, 17.8	23.7, 27.5	25.1, 30.9	28.3, 37.5	8.8, 16.9	5.3, 13.1
2004 or 2005	4.9, 6.4	15.7, 18.3	24.3, 28.3	26.1, 31.8	25.4, 33.8	9.3, 17.7	0.8, 4.7
2006 or 2007	4.4, 5.8	15.2, 18.0	24.8, 28.6	28.7, 34.3	29.4, 37.6	11.4, 21.1	4.0, 10.0
2008 or 2009	4.1, 5.6	14.5, 17.1	24.2, 27.9	28.5, 33.5	30.8, 38.2	12.3, 21.4	2.4, 7.4
2010 or 2011	3.7, 4.9	13.5, 16.0	22.5, 25.6	27.9, 33.3	35.4, 43.5	12.2, 20.2	3.2, 10.0
2012 or 2013	2.7, 3.8	11.7, 13.9	21.0, 24.2	25.6, 30.8	31.8, 38.7	13.8, 22.1	2.3, 7.6
Meta-analysis Summary^b	4.0, 5.6	14.1, 16.9	23.8, 26.4	28.5, 30.9	31.6, 36.7	13.3, 16.8	3.0, 6.6

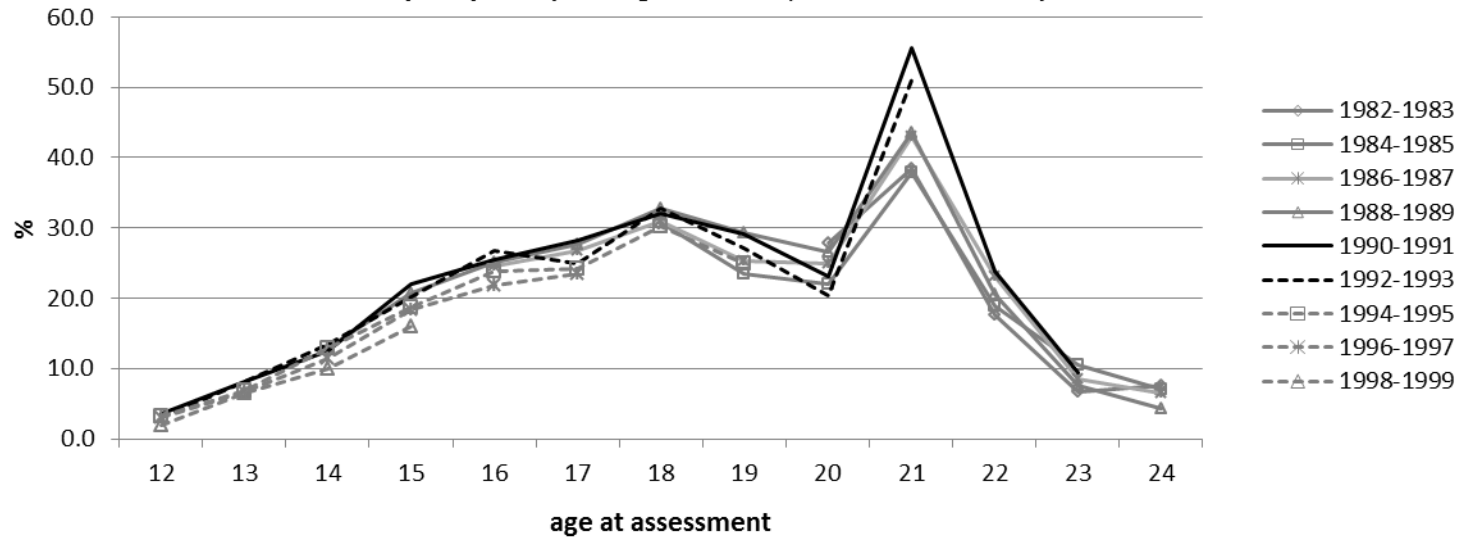
^a Cells with the same shade trace the experience of individual cohort-pairs.

^b Meta-analytic summary estimates using random-effect model.

Supplementary Figure S1. Estimated Age- and Cohort-specific Annual Drinking Incidence in 9 Different Female Cohorts. Data From United States National Survey On Drug Use And Health 2-Year Restricted Data Analysis System (Unweighted n~195,000 12-24 Year Old)



Supplementary Figure S2. Estimated Age- and Cohort-specific Annual Drinking Incidence in 9 Different Male Cohorts, Data From United States National Survey On Drug Use And Health 2-Year Restricted Data Analysis System (Unweighted n~195,000 12-24 Year Olds)



Supplementary Table S4. For Females: Age-, Cohort-, and Time-Specific Estimates for Lifetime Cumulative Proportion of Drinking Among Survivors (i.e., Ever Drinking, %) Per Year-Pair. Data From United States National Survey on Drug Use and Health 2-Year Restricted Data Analysis System (Unweighted n~195,000 12-24 Year Olds) ^a

age	12	13	14	15	16	17	18	19	20	21	22	23	24
Year-pair	Panel A. Estimated Lifetime Cumulative proportion												
2002/3	10.9	23.4	37.1	54.8	64.1	71.9	77.4	82.3	84.6	89.7	89.3	88.2	88.1
2004/5	9.2	22.1	35.8	50.7	61.7	70.5	76.2	79.9	83.5	88.8	87.7	88.2	87.4
2006/7	8.6	19.9	34.5	49.2	59.2	66.0	74.5	81.4	84.5	89.3	88.5	88.0	87.9
2008/9	8.6	17.5	32.0	46.2	57.4	62.9	72.9	78.3	82.3	89.8	91.1	89.0	90.6
2010/1	6.6	15.5	27.9	43.7	53.6	60.3	67.2	75.1	80.6	88.9	90.2	90.2	90.3
2012/3	5.2	12.0	23.9	38.9	49.8	59.6	66.1	75.2	79.2	87.9	89.9	91.1	91.3
	Panel B. 95% Confidence Interval												
2002/3	9.7, 12.2	21.6, 25.2	35.1, 39.1	52.6, 56.9	62.1, 66.1	70.0, 73.8	75.3, 79.4	80.4, 84.1	82.4, 86.5	87.9, 91.2	87.5, 90.8	86.5, 89.6	86.3, 89.6
2004/5	8.1, 10.4	20.5, 23.9	33.9, 37.9	48.6, 52.7	59.5, 63.8	68.4, 72.6	74.1, 78.2	77.8, 81.9	81.7, 85.2	87.1, 90.2	85.9, 89.3	86.6, 89.7	85.5, 89.2
2006/7	7.5, 9.9	18.3, 21.7	32.5, 36.5	47.0, 51.5	57.1, 61.3	64.0, 68.0	72.2, 76.7	79.4, 83.3	82.6, 86.2	87.6, 90.9	86.6, 90.1	86.2, 89.6	85.7, 89.8
2008/9	7.4, 9.9	15.9, 19.1	29.9, 34.2	44.1, 48.2	55.2, 59.5	60.8, 65.0	70.7, 75.0	76.1, 80.4	80.2, 84.1	88.1, 91.2	89.5, 92.6	87.2, 90.6	89.2, 91.8
2010/1	5.6, 7.7	14.1, 17.1	26.0, 29.8	41.6, 45.8	51.4, 55.7	57.9, 62.5	64.9, 69.5	72.7, 77.3	78.3, 82.7	87.1, 90.4	88.5, 91.7	88.7, 91.6	88.6, 91.8
2012/3	4.4, 6.2	10.7, 13.4	22.1, 25.8	36.9, 41.1	47.7, 52.0	57.4, 61.8	63.6, 68.5	72.8, 77.4	77.0, 81.2	86.1, 89.5	88.3, 91.2	89.6, 92.4	89.8, 92.6

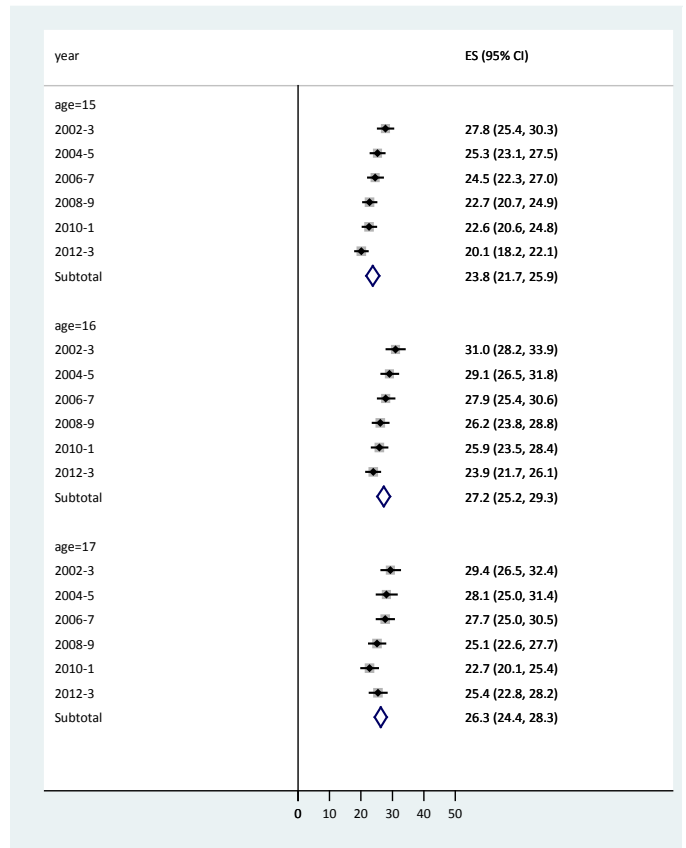
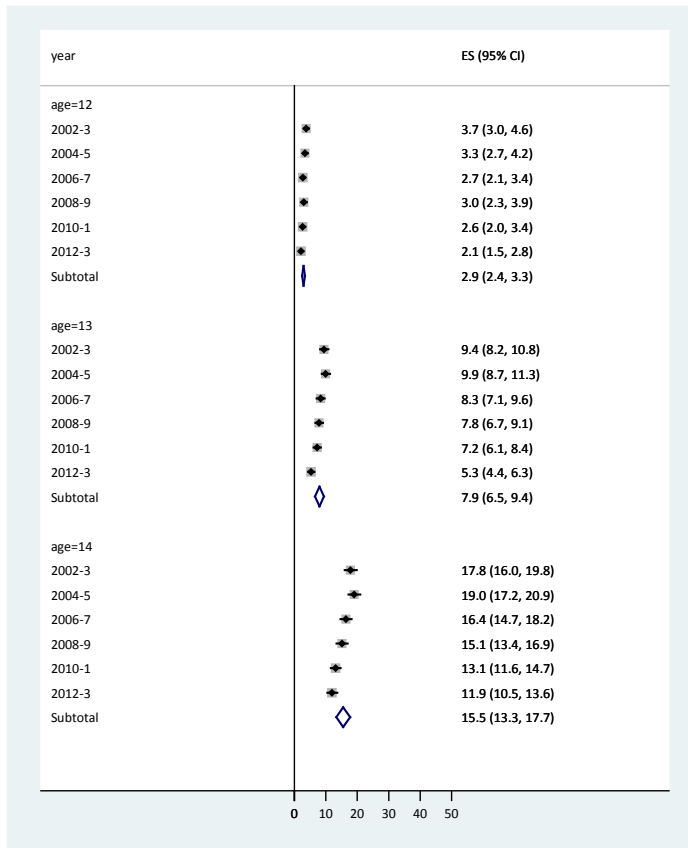
^a Cells with the same shade trace the experience of individual cohort-pairs.

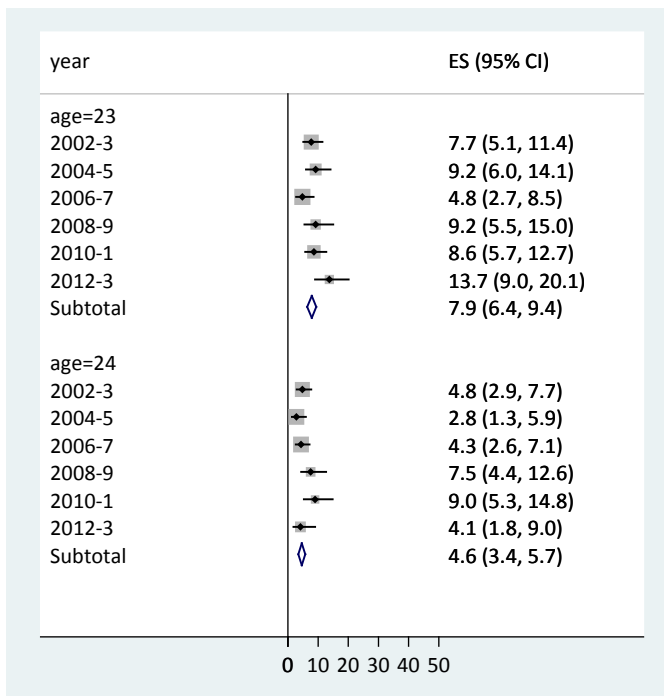
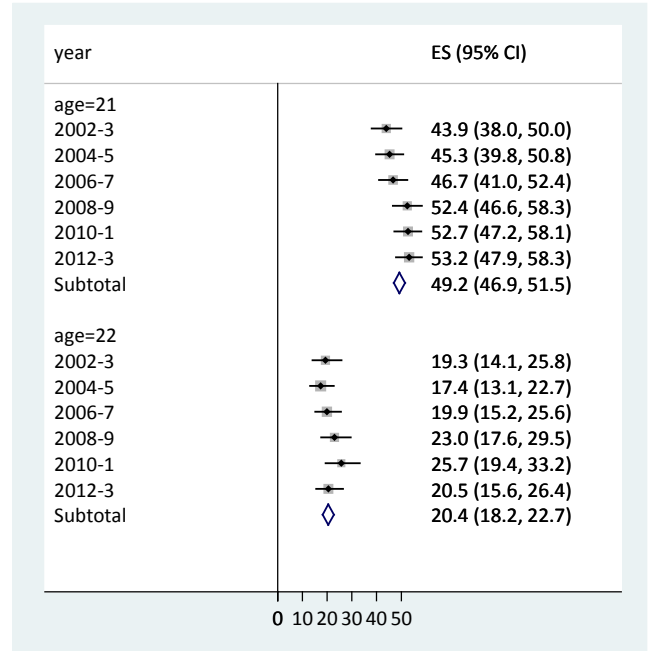
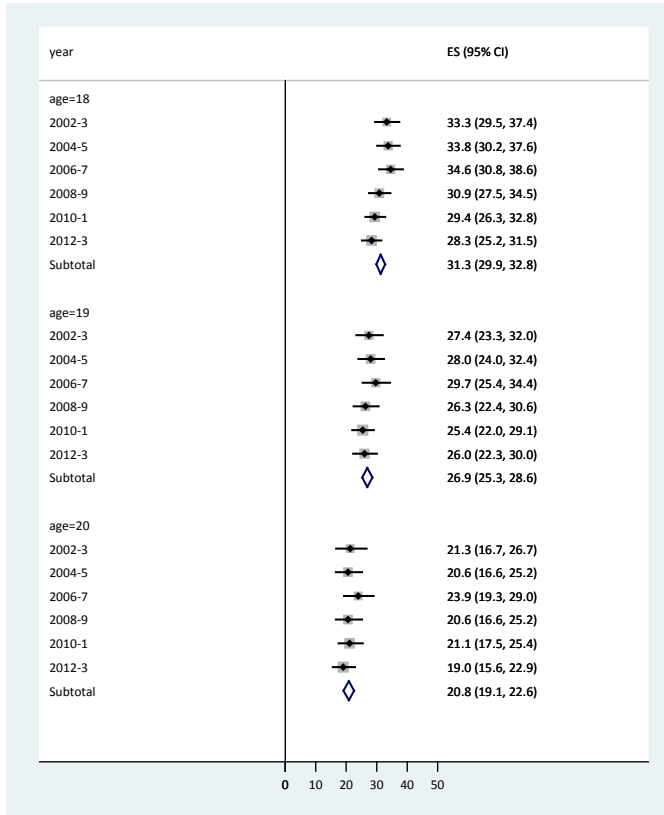
Supplementary Table S5. For Males: Age-, Cohort-, and Time-Specific Estimates for Lifetime Cumulative Proportion of Drinking Among Survivors (i.e., Ever Drinking, %) Per Year-Pair. Data From United States National Survey on Drug Use and Health 2-Year Restricted Data Analysis System (Unweighted n~195,000 12-24 Year Olds)^a

Age	12	13	14	15	16	17	18	19	20	21	22	23	24
Year-pair	Panel A. Estimated Lifetime Cumulative Proportion												
2002/3	13.6	24.5	35.9	51.1	61.8	71.6	77.1	81.4	87.7	90.6	92.1	92.0	92.2
2004/5	11.5	21.7	33.6	49.4	59.9	68.8	74.9	82.2	86.1	90.3	89.8	90.9	91.6
2006/7	10.9	19.3	33.4	46.1	59.5	67.6	74.0	80.2	85.0	90.2	89.7	92.7	91.9
2008/9	10.6	18.7	32.1	43.8	56.6	63.6	73.3	80.8	83.8	89.0	91.9	91.7	92.7
2010/1	7.3	17.4	26.3	41.0	51.7	60.9	71.6	77.3	83.7	90.1	90.5	93.0	92.5
2012/3	7.2	13.4	23.3	34.8	47.8	59.4	67.0	73.2	80.8	88.8	91.1	91.7	92.0
	Panel B. 95% Confidence Interval												
2002/3	12.2, 15.0	22.8, 26.2	33.9, 37.8	49.2, 53.1	59.8, 63.8	69.6, 73.4	75.0, 79.0	79.2, 83.4	85.8, 89.4	89.0, 92.0	90.6, 93.4	90.4, 93.4	90.7, 93.5
2004/5	10.2, 12.9	20.1, 23.4	31.7, 35.6	47.3, 51.5	57.8, 62.0	66.7, 70.8	72.8, 76.9	80.2, 84.1	84.3, 87.8	88.5, 91.9	87.8, 91.5	89.2, 92.3	89.9, 93.0
2006/7	9.7, 12.2	17.7, 21.0	31.5, 35.3	44.0, 48.4	57.5, 61.5	65.5, 69.7	71.8, 76.0	77.6, 82.6	83.0, 86.7	88.5, 91.7	87.8, 91.4	91.2, 94.0	90.1, 93.4
2008/9	9.3, 12.2	17.0, 20.5	30.2, 34.1	41.7, 45.9	54.5, 58.7	61.5, 65.6	71.3, 75.3	78.8, 82.6	81.7, 85.8	87.3, 90.6	90.3, 93.3	89.9, 93.1	91.3, 93.9
2010/1	6.4, 8.4	15.8, 19.1	24.5, 28.2	38.9, 43.1	49.6, 53.8	58.8, 62.9	69.4, 73.8	75.2, 79.3	81.6, 85.5	88.3, 91.6	88.8, 92.0	91.6, 94.2	90.8, 93.9
2012/3	6.1, 8.4	11.9, 15.0	21.6, 25.2	32.8, 36.9	45.6, 49.9	57.3, 61.4	64.6, 69.3	70.6, 75.6	78.7, 82.8	87.1, 90.3	89.4, 92.5	90.0, 93.2	90.3, 93.4

^a Cells with the same shade trace the experience of individual cohort-pairs.

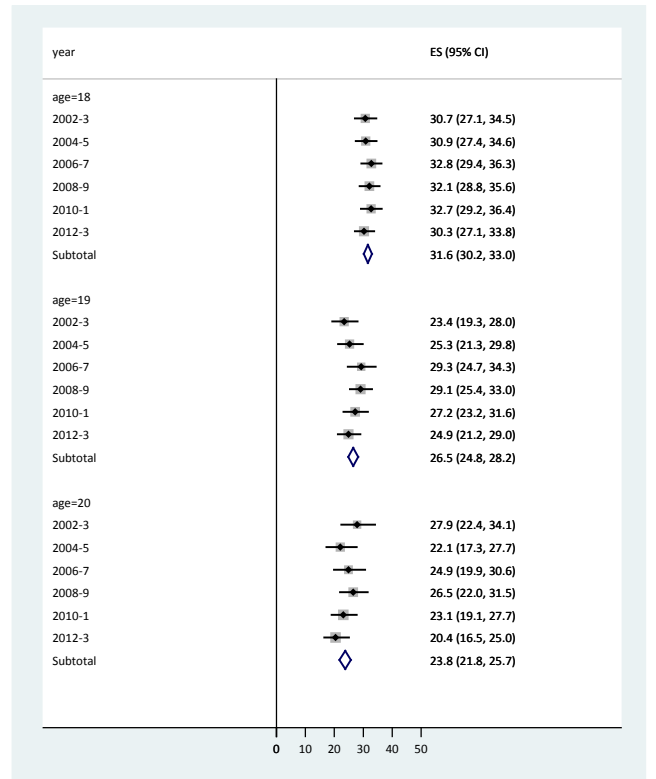
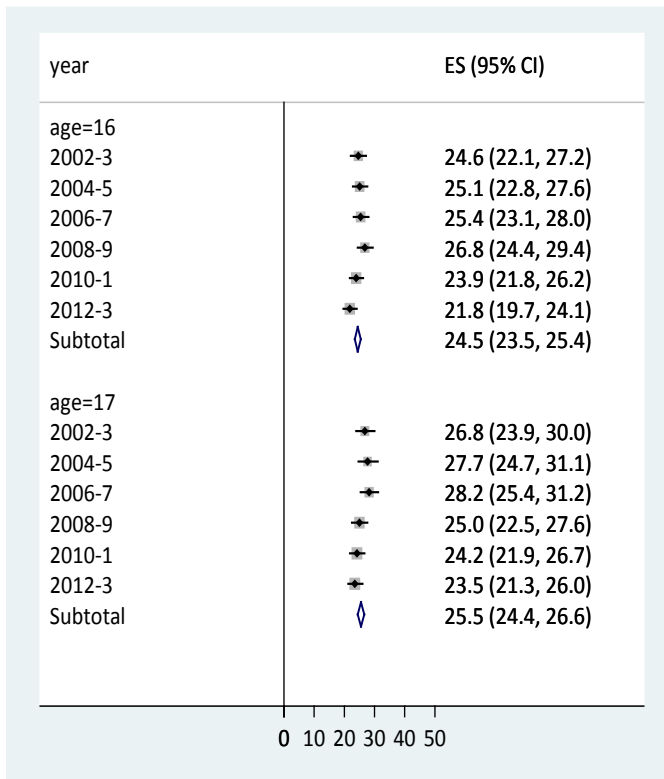
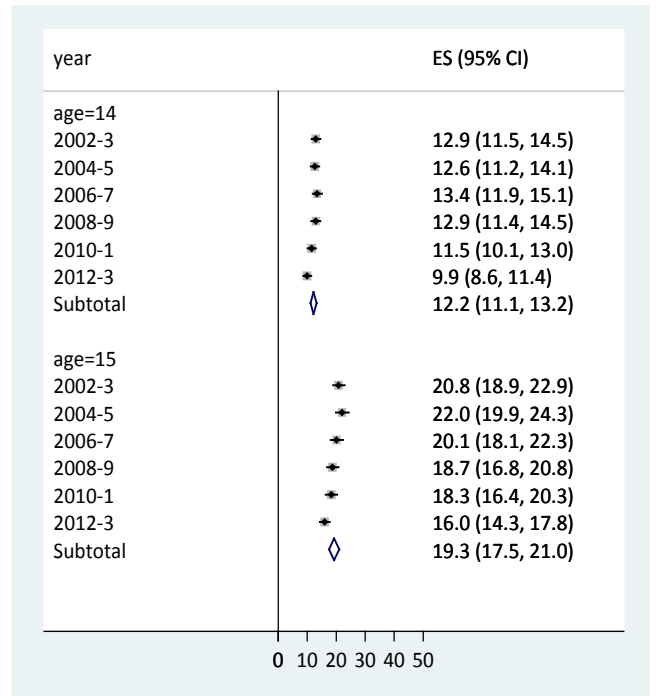
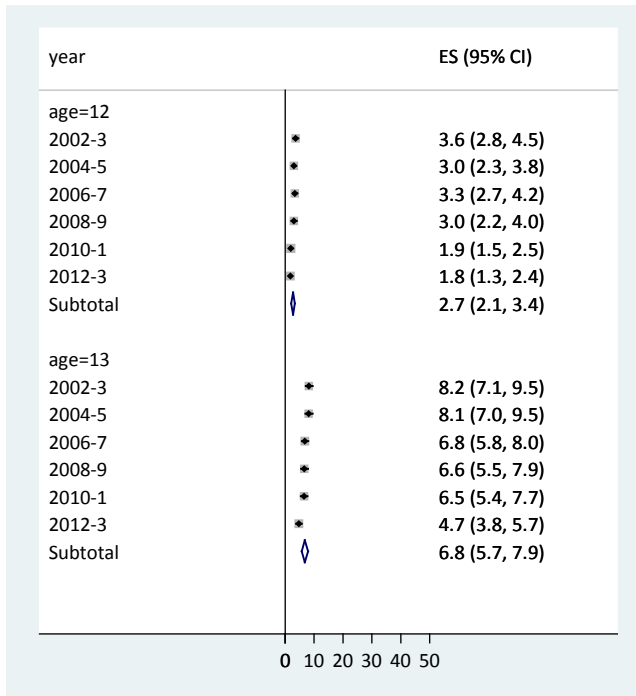
Supplementary Figure S3. For Females: Forest Plots For Age-Specific Newly Incident Drinking (%/Year). Data From United States National Surveys On Drug Use And Health 2-Year Restricted Data Analysis System (Unweighted n~195,000 12-24 Year Olds)

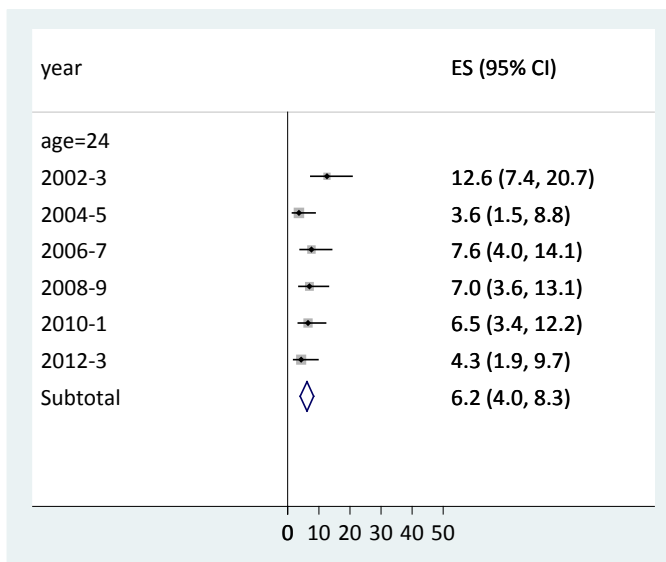
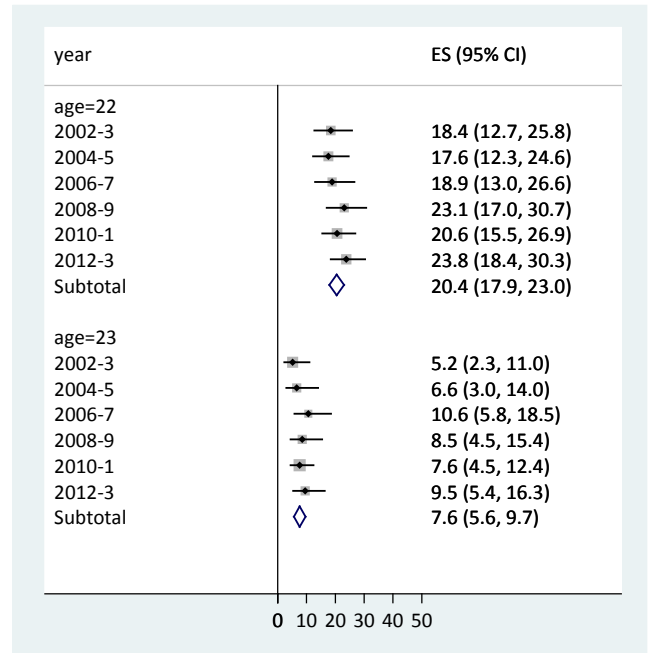
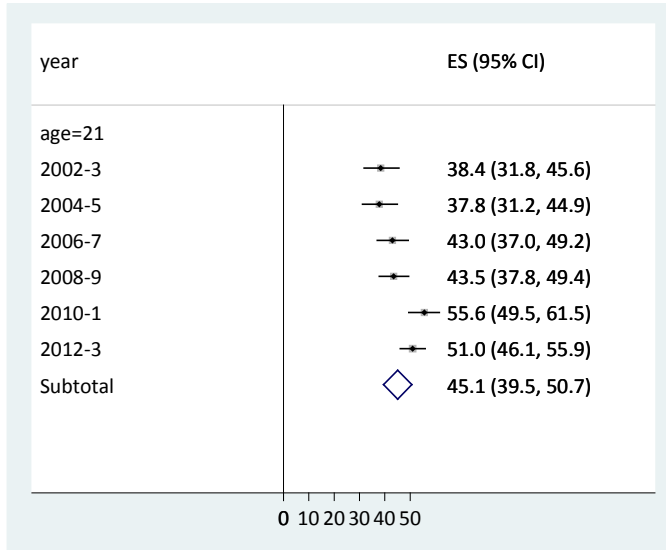




Note: The 'Subtotal' estimate depicted as a diamond shows the meta-analysis summary estimate's 95% confidence bounds, with the point estimate positioned along a line segment as might be used to connect top and bottom vertices. For 12-17 year olds, heterogeneity across replications motivated use of the random effects variance estimation approach. Fixed-effect model was used for other age groups.

Supplementary Figure S4. For Males: Forest Plots For Age-Specific Newly Incident Drinking (%/Year). Data From United States National Surveys On Drug Use And Health 2-Year Restricted Data Analysis System (Unweighted n~195,000 12-24 Year Olds)





Note: The 'Subtotal' estimate depicted as a diamond shows the meta-analysis summary estimate's 95% confidence bounds, with the point estimate positioned along a line segment as might be used to connect top and bottom vertices. For 12-15, 21, and 24 year olds, heterogeneity across replications motivated use of the random effects variance estimation approach. Fixed-effect model was used for other age groups.