

SUPPLEMENTARY DATA FOR Effect of the comprehensive smoke-free law on time trends in smoking behaviour in Primary Health Care patients in Spain: a longitudinal observational study

Table S1: Information concerning smoking status in the electronic health records by region

Information from electronic health records	Catalonia	Navarre	Balearic Islands
Diagnostic codes related to smoking (with entry date)	Smoker: F17, F17.0, F17.1 F17.2, F17.5, F17.6, F17.7, F17.8, F17.9 in ICD-10	Smoker: code P17 in ICPC-2	Smoker: 305.1 in ICD-9
	Ex-smoker: Z72.0		
Clinical variables related to smoking in the medical history (with entry date)	Smoking habit: 0: non-smoker. 1: smoker. 2: ex-smoker		
	Number of cigarettes per day: 0 to 300		
	Smoking cessation advice: 1: yes 0: no		

Abbreviations: ICPC-2, International Classification of Primary Care, second edition; ICD-9 and 10, International Classification of Diseases, 9th and 10th revision.

Table S2: Age-adjusted rates by direct method per 10,000 inhabitants based on the European Standard Population. CATALONIA N=141,071 (2008-2013).

Quarter	Smoking status prevalence			New smokers incidence	New ex-smokers incidence	Ex-smoker relapses incidence
	Non smokers	Smokers	Ex-smokers			
2008.1	4692.6	4138.9	1168.5	20.8	254.3	226.9
2008.2	4679.3	4099.0	1221.7	21.4	212.9	151.4
2008.3	4668.8	4073.6	1257.6	16.6	267.5	218.5
2008.4	4650.2	4051.7	1298.1	26.1	317.6	100.4
2009.1	4638.8	4053.6	1307.6	25.2	260.1	128.6
2009.2	4628.1	4036.8	1335.1	15.8	228.5	78.3
2009.3	4618.4	4021.6	1360.0	12.7	161.3	113.7
2009.4	4604.4	3998.5	1397.2	19.6	212.7	165.6
2010.1	4590.0	4001.8	1408.2	19.0	160.9	123.1
2010.2	4573.5	3994.3	1432.2	26.4	135.8	148.8
2010.3	4560.0	3981.0	1459.0	20.8	139.0	100.5
2010.4	4539.7	3957.4	1503.0	26.8	188.1	112.5
2011.1	4077.0	3758.0	1510.3	15.1	171.9	103.2
2011.2	4068.6	3721.4	1555.3	12.4	213.0	90.0
2011.3	4061.6	3696.3	1587.3	13.0	145.9	81.4
2011.4	4050.8	3649.8	1644.7	15.8	255.4	91.3
2012.1	4012.6	3658.7	1673.9	13.4	222.7	111.1
2012.2	4004.9	3629.6	1710.7	11.3	171.3	91.9
2012.3	4000.4	3608.5	1736.3	7.9	118.8	70.7
2012.4	3990.2	3579.2	1775.8	11.8	201.3	103.9
2013.1	3963.0	3601.1	1781.2	16.5	184.9	141.7
2013.2	3956.3	3618.6	1770.3	15.2	136.7	247.6
2013.3	3952.8	3635.1	1757.3	9.3	110.7	248.6
2013.4	3946.5	3659.3	1739.5	14.7	172.8	334.5

Note: 2008.*. represents the quarter * of the year 2008

Rates are per 10,000 inhabitants and age-standardized on the European Standard Population (direct method)

Table S3: Age-adjusted rates by the direct method per 10,000 inhabitants based on the European Standard Population. NAVARRE N=73,644 (2008-2013).

Quarter	Smoking status prevalence			New smokers incidence	New ex-smokers incidence	Ex-smoker relapses incidence
	Non smokers	Smokers	Ex-smokers			
2008.1	5652.5	4034.2	313.3	25.3	175.3	227.0
2008.2	5642.5	4013.0	344.5	17.2	181.0	160.4
2008.3	5632.4	4003.3	364.3	16.5	109.1	129.4
2008.4	5620.0	3993.3	386.7	21.4	127.7	230.3
2009.1	5645.0	3951.4	403.7	30.9	136.4	225.4
2009.2	5630.8	3944.1	425.1	23.5	132.1	174.0
2009.3	5623.5	3934.7	441.8	12.5	100.3	100.7
2009.4	5614.7	3925.5	459.8	14.8	109.9	134.7
2010.1	5618.3	3905.9	475.8	27.2	111.2	209.4
2010.2	5605.5	3893.8	500.7	21.1	114.9	132.5
2010.3	5595.1	3889.1	515.8	16.4	82.2	98.7
2010.4	5581.9	3885.3	532.8	21.4	89.9	81.2
2011.1	4990.3	3806.9	548.1	16.0	136.8	141.3
2011.2	4979.2	3795.8	570.2	20.3	116.7	113.8
2011.3	4972.0	3791.6	581.6	12.7	48.6	60.2
2011.4	4964.3	3780.5	600.4	13.8	99.6	118.6
2012.1	4910.7	3804.6	630.0	18.6	127.3	87.6
2012.2	4902.9	3781.3	661.1	13.7	130.1	108.4
2012.3	4897.7	3773.3	674.3	9.8	75.2	58.6
2012.4	4888.9	3760.5	695.8	15.2	110.2	96.0
2013.1	4886.8	3746.7	711.8	15.1	121.0	116.4
2013.2	4876.8	3733.2	735.2	16.9	104.2	97.4
2013.3	4870.8	3727.9	746.6	9.5	60.7	119.1
2013.4	4861.3	3719.8	764.1	16.9	90.7	97.8

Note: 2008.*. represents the quarter * of the year 2008

Rates are per 10,000 inhabitants and age-standardized on the European Standard Population (direct method)

Table S4: Age-adjusted rates by the direct method per 10,000 inhabitants based on the European Standard Population. THE BALEARIC ISLANDS N=178,251 (2010-2013).

Quarter	Smoking status prevalence			New smokers incidence	New ex-smokers incidence	Ex-smoker relapses incidence
	Non smokers	Smokers	Ex-smokers			
2010.2	5411.0	4029.7	559.3	9.3	158.5	576.6
2010.3	5406.4	4007.3	586.2	9.0	151.6	527.0
2010.4	5401.6	3982.7	615.7	9.3	158.7	503.7
2011.1	5374.9	3987.9	637.1	6.6	149.9	545.7
2011.2	5372.4	3959.3	668.3	5.2	170.9	424.4
2011.3	5369.7	3929.5	700.8	5.2	160.1	383.9
2011.4	5367.4	3898.4	734.2	4.0	169.8	385.6
2012.1	5345.3	3888.3	766.4	4.3	188.1	351.8
2012.2	5344.0	3862.4	793.6	2.4	137.0	370.6
2012.3	5342.5	3841.0	816.6	2.9	113.5	372.6
2012.4	5341.7	3818.9	839.4	1.6	133.0	339.2
2013.1	5324.1	3825.3	850.7	2.1	130.5	480.5
2013.2	5317.8	3810.5	871.7	12.1	106.7	453.0
2013.3	5308.3	3800.6	891.1	17.5	93.7	103.9
2013.4	5298.6	3787.4	914.1	17.5	116.8	285.1

Note: 2010.*. represents the quarter * of the year 2010

Rates are per 10,000 inhabitants and age-standardized on the European Standard Population (direct method)

Table S5. Age-adjusted rates by the direct method for 10,000 inhabitants based on the European Standard Population in CATALONIA. N=72,340 (2008-2013).

Quarter	Smoking Status prevalence						New smokers incidence	New ex-smokers incidence	Ex-smoker relapse incidence			
	Non smokers		Smokers		Ex-smokers							
	Female	Male	Female	Male	Female	Male						
2008.1	5909.5	3349.2	3411.5	4910.7	679.0	1740.1	16.6	27.8	246.7	260.5	315.2	158.2
2008.2	5900.4	3331.6	3385.4	4856.2	714.2	1812.2	14.3	34.4	266.5	202.9	101.2	195.0
2008.3	5891.9	3318.8	3368.4	4822.1	739.7	1859.1	14.0	21.8	275.0	265.9	289.0	166.5
2008.4	5876.9	3296.1	3356.2	4789.4	766.9	1914.5	24.0	31.9	254.1	329.2	112.0	99.6
2009.1	5832.7	3323.5	3379.8	4769.9	787.5	1906.6	27.8	26.3	289.2	234.0	148.8	105.2
2009.2	5823.1	3311.7	3366.5	4749.0	810.4	1939.3	13.7	19.7	182.0	237.8	89.5	79.2
2009.3	5814.6	3300.6	3356.2	4728.4	829.2	1971.1	11.9	15.3	154.4	165.7	181.4	65.8
2009.4	5804.4	3282.4	3335.4	4702.6	860.2	2015.0	14.3	28.0	243.3	203.9	188.5	152.0
2010.1	5757.2	3312.5	3359.5	4679.7	883.3	2007.8	14.0	26.7	201.5	144.1	133.5	109.4
2010.2	5744.1	3292.3	3355.5	4668.2	900.4	2039.6	24.1	30.4	146.6	131.6	164.1	152.0
2010.3	5730.0	3279.4	3345.8	4650.5	924.2	2070.2	20.7	22.7	156.1	134.4	106.6	98.0
2010.4	5710.9	3256.8	3332.3	4616.4	956.8	2126.8	30.9	24.3	205.4	177.3	132.2	114.9
2011.1	5231.2	2821.0	3138.8	4408.8	975.2	2115.4	15.0	16.8	181.1	166.1	62.6	146.7
2011.2	5223.4	2811.7	3115.8	4356.5	1006.0	2177.1	12.2	14.3	231.6	203.8	118.9	65.4
2011.3	5216.7	2804.3	3095.4	4326.8	1033.2	2214.1	12.4	15.2	166.4	136.0	93.0	68.5
2011.4	5209.6	2789.1	3057.6	4270.9	1078.0	2285.2	12.1	21.2	308.9	241.6	111.0	78.8
2012.1	5142.2	2792.0	3082.8	4259.8	1120.2	2293.5	9.3	19.1	251.1	216.5	140.4	83.6
2012.2	5136.1	2782.4	3059.1	4225.1	1150.0	2337.7	10.4	12.4	215.6	162.3	107.4	75.8
2012.3	5132.0	2777.7	3041.8	4200.0	1171.4	2367.6	8.7	7.3	135.6	113.1	61.0	80.2
2012.4	5123.4	2765.4	3020.5	4161.9	1201.3	2417.9	10.2	16.2	192.8	203.5	128.5	89.1
2013.1	5063.9	2781.5	3055.9	4167.2	1225.4	2396.5	15.4	19.9	213.2	180.4	167.8	123.5
2013.2	5058.8	2773.4	3057.2	4202.9	1229.3	2368.9	10.2	21.9	146.9	131.3	216.4	251.9
2013.3	5055.0	2770.2	3060.2	4234.1	1230.0	2340.9	9.0	10.7	127.0	106.7	217.7	263.3
2013.4	5049.2	2763.3	3063.6	4281.9	1232.5	2300.1	11.8	21.1	202.8	159.2	325.6	315.6

Note: 2008.*. represents the quarter * of the year 2008

Rates are per 10,000 inhabitants and age-standardized on the European Standard Population (direct method)

Table S6. Age-adjusted rates by the direct method per 10,000 inhabitants based on the European Standard Population in NAVARRE. N=37,898 (2008-2013).

Quarter	Smoking Status prevalence						New smokers incidence	New ex-smokers incidence	Ex-smoker relapse incidence			
	Non smokers		Smokers		Ex-smokers							
	Female	Male	Female	Male	Female	Male						
2008.1	6224.8	5021.1	3542.5	4569.6	232.7	409.3	22.3	31.0	152.7	172.3	164.4	295.8
2008.2	6215.3	5010.6	3527.8	4539.7	256.9	449.7	15.2	20.3	168.7	187.7	136.9	173.7
2008.3	6207.4	4998.8	3518.5	4528.6	274.2	472.6	11.5	22.1	147.1	97.1	147.9	123.7
2008.4	6198.6	4982.4	3510.9	4515.4	290.4	502.2	14.8	30.0	157.9	125.6	296.5	98.8
2009.1	6209.7	5028.3	3485.7	4451.5	304.6	520.2	24.9	39.7	184.8	111.3	254.0	197.0
2009.2	6197.8	5011.6	3480.3	4441.1	321.9	547.3	17.4	32.6	177.2	127.7	152.7	171.7
2009.3	6191.6	5003.2	3475.5	4426.3	332.9	570.4	10.7	15.2	108.4	98.3	73.4	111.5
2009.4	6186.2	4990.0	3470.2	4413.1	343.6	596.9	8.4	24.0	97.2	115.8	126.6	134.7
2010.1	6175.4	5014.1	3464.6	4375.5	360.0	610.4	22.6	33.5	115.7	112.9	224.3	208.6
2010.2	6164.6	4999.4	3455.7	4359.8	379.7	640.8	16.4	27.9	119.1	114.5	106.4	129.5
2010.3	6154.5	4988.6	3456.0	4350.4	389.5	661.0	16.2	17.0	111.3	75.9	88.3	94.5
2010.4	6142.1	4974.6	3455.4	4343.4	402.5	682.1	17.8	26.3	126.9	80.9	71.3	85.7
2011.1	5541.4	4399.8	3388.4	4248.3	415.4	697.1	12.2	21.0	146.2	135.4	91.3	183.2
2011.2	5532.4	4386.6	3381.0	4233.7	431.9	724.9	15.5	26.8	151.1	110.6	117.2	103.9
2011.3	5524.7	4379.8	3377.8	4228.5	442.7	737.0	12.6	13.7	55.8	44.9	61.6	54.1
2011.4	5518.9	4370.0	3369.7	4213.6	456.6	761.7	9.6	19.5	118.2	95.4	70.0	160.8
2012.1	5452.1	4335.6	3408.9	4217.7	484.2	792.0	15.9	22.5	129.3	126.5	106.9	65.3
2012.2	5445.6	4326.1	3389.4	4190.1	510.2	829.0	11.7	17.2	125.1	131.6	95.3	114.5
2012.3	5442.6	4318.6	3385.2	4178.7	517.4	847.9	6.2	14.2	67.6	78.0	68.6	41.2
2012.4	5434.5	4308.9	3379.5	4159.1	531.2	877.2	12.5	19.6	130.7	110.0	66.7	126.7
2013.1	5420.0	4323.0	3380.9	4128.0	544.3	894.1	14.1	16.4	133.8	124.7	68.6	157.5
2013.2	5413.7	4309.1	3367.7	4114.5	563.9	921.6	10.1	25.2	103.2	104.7	87.0	98.4
2013.3	5408.6	4302.1	3363.6	4108.1	573.1	935.1	7.2	12.7	72.3	57.3	152.7	85.9
2013.4	5399.9	4291.6	3360.4	4094.8	584.9	958.8	13.9	21.7	65.6	102.8	72.2	116.0

Note: 2008.*. represents the quarter * of the year 2008

Rates are per 10,000 inhabitants and age-standardized on the European Standard Population (direct method)

Table S7. Age-adjusted rates by the direct method per 10,000 inhabitants based on the European Standard Population in THE BALEARIC ISLANDS. N= 94,164 (2010-2013).

Quarter	Smoking Status prevalence						New smokers incidence	New ex-smokers incidence	Ex-smoker incidence	relapse		
	Non smokers		Smokers		Ex-smokers							
	Female	Male	Female	Male	Female	Male						
2010.2	6224.8	4484.3	3412.3	4723.7	362.9	792.0	8.9	9.9	106.8	169.6	631.1	560.7
2010.3	6220.5	4479.3	3395.5	4695.0	384.0	825.7	8.2	10.4	149.6	147.6	576.9	435.9
2010.4	6215.8	4474.3	3376.3	4664.4	408.0	861.2	8.8	10.1	179.2	150.7	484.7	571.5
2011.1	6171.2	4472.1	3395.3	4651.7	433.5	876.2	6.7	6.6	141.1	146.7	562.7	508.9
2011.2	6168.5	4469.8	3375.7	4612.8	455.9	917.5	5.2	5.4	140.3	173.8	446.1	426.0
2011.3	6165.8	4467.0	3353.4	4574.6	480.8	958.4	4.9	6.0	162.5	154.9	400.9	391.6
2011.4	6163.1	4465.3	3330.1	4534.6	506.8	1000.1	4.6	3.4	149.3	170.9	296.7	540.3
2012.1	6118.6	4474.0	3337.9	4501.2	543.6	1024.8	3.7	5.1	179.2	182.1	306.5	461.7
2012.2	6117.0	4473.2	3318.1	4468.3	564.9	1058.5	2.8	1.9	109.0	139.6	359.8	348.6
2012.3	6115.2	4471.9	3302.0	4440.5	582.8	1087.7	3.1	2.5	103.4	112.8	376.5	363.9
2012.4	6114.3	4471.2	3285.7	4411.7	600.0	1117.0	1.7	1.6	122.7	132.9	414.0	213.4
2013.1	6077.2	4479.2	3302.2	4406.4	620.6	1114.4	0.9	4.1	137.9	122.6	492.0	470.3
2013.2	6070.8	4473.1	3291.1	4387.8	638.2	1139.1	11.9	12.7	91.0	105.4	410.8	532.6
2013.3	6056.9	4468.7	3287.9	4370.1	655.1	1161.2	23.4	10.4	94.4	90.1	110.4	87.5
2013.4	6046.1	4460.3	3280.8	4349.5	673.1	1190.2	18.2	16.9	100.0	121.4	342.4	116.1

Note: 2010.*. represents the quarter * of the year 2010

Rates are per 10,000 inhabitants and age-standardized on the European Standard Population (direct method)