. xtabond2 fatal L.fatal spircons year, ///
> gmmstyle(beertax spircons unrate perincK) ///
> ivstyle(year) twostep robust noleveleq
Favoring space over speed. To switch, type or click on mata: mata set matafavor
> speed, perm.
Warning: Two-step estimated covariance matrix of moments is singular.
Using a generalized inverse to calculate optimal weighting matrix for two-ste
> p estimation.

Difference-in-Sargan statistics may be negative.

Warning: Number of instruments may be large relative to number of observations.

Dynamic panel-data estimation, two-step difference GMM

Group variable Time variable Number of inst Wald chi2(3) Prob > chi2	: year truments = 81 = 51.90			Number Number Obs per	of group	ps =		240 48 5.00 5
	Coef.	Corrected Std. Err.	z	P> z	[95%	Conf.	Int	erval]
fatal L1. spircons		.1655214	1.77	0.000	0319	5121 9485	.6	516018 168834
year Arellano-Bond Arellano-Bond	test for AR(1		lifferenc	:es: z =	-3.17		z =	
Hansen test of	f overid. rest	rictions: ch	ni2(78)	= 47.2	6 Prob	> chi	2 =	0.998
	0	roup: ch	ni2(77)	= 46.23	3 Prob	> chi		

Difference (null H = exogenous): chi2(1) = 1.03 Prob > chi2 = 0.311 Warning: Sargan/Hansen tests are weak when instruments are many.

. xtabond2 fatal L.fatal spircons year, ///

> gmmstyle(beertax spircons unrate perincK) ///

> ivstyle(year) twostep robust

Warning: Two-step estimated covariance matrix of moments is singular.

Using a generalized inverse to calculate optimal weighting matrix for two-ste > p estimation.

Difference-in-Sargan statistics may be negative.

Warning: Number of instruments may be large relative to number of observations. Dynamic panel-data estimation, two-step system GMM

Group variable: state Time variable : year Number of instruments = 106				Number	of obs = of groups = group: min =	48
Wald chi2(3)	= 1335.08			- · · · 1 ·	avg =	
Prob > chi2	= 0.000				max =	- 6
	Coef.	Corrected Std. Err.	z	P> z	[95% Conf.	Interval]
fatal L1.	.8670241	.0272884	31.77	0.000	.8135398	.9205084

spircons year _cons	0333531 .0136548 -26.79022	.0166273 .0052301 10.38077	-2.01 2.61 -2.58	0.	045 009 010		5942 4041 3615	.0	007643 239056 444294
Arellano-Bond Arellano-Bond	test for AR(2) in firs	t differend	es:	z =	1.77	Pr >	z =	0.078
<pre>Hansen test of overid. restrictions: chi2(102) = 44.27 Prob > chi2 = 1.000 Difference-in-Sargan tests of exogeneity of instrument subsets: GMM instruments for levels</pre>									
001			chi2(78)	=	44.68	Prob	> chi	.2 =	0.999
<pre>Difference (null H = exogenous): ivstyle(year)</pre>			chi2(24)	=	-0.41	Prob	> chi	.2 =	1.000
	st excluding g e (null H = exe an/Hansen test	ogenous):		=	0.00	Prob Prob re man	> chi		1.000 0.991