Table 5. Generalized allocation of in-place natural gas resources of Charpentier and others (1993) to Appalachian basin Devonian shale assessment units (mean values).

Play	Natural gas resources (trillions of cubic feet)			Assessment Units								
	Low F_{95}[1]	High F_5[1]	Mean	%NWOS AU	NWOS GIP	%GBS	GBS GIP	%DSS	DSS GIP	%Marcellus	Marcellus GIP	Totals
1 -- North-Central Ohio	17.9	34.2	25.9	1.00	25.9							25.90
2 -- Western Lake Erie	21.7	31.3	26.5	1.00	26.5							26.50
3 -- Eastern Lake Erie	2.1	3.3	2.7	1.00	2.7							2.70
4 -- Plateau Ohio	44.4	76.2	59.9	1.00	59.9							59.90
5 -- Eastern Ohio	35.2	55.1	44.7	1.00	44.7							44.70
6 -- Western Penn- York	20.4	28.2	24.3	0.50	12.15			0.50	12.15			24.30
7 -- Southern Ohio Valley	19.7	36.2	27.7	0.90	24.93	0.10	2.77					27.70
8 -- Western Rome trough	38.0	74.0	56.0	0.20	11.2	0.80	44.80					56.00
9 -- Tug Fork	13.7	25.9	19.7			0.65	12.81	0.35	6.90			19.70
10 -- Pine Mountain	10.7	18.7	14.6			1.00	14.60					14.60
11 -- Plateau Virginia	3.9	10.2	7.1			0.20	1.42	0.8	5.68			7.10
12 -- Pittsburgh Basin	76.8	129.9	102.1	0.3	30.63			0.55	56.16	0.15	15.32	102.10
13 -- Eastern Rome Trough	70.7	132.5	100.3		0			0.4	40.12	0.6	60.18	100.30
14 -- New river	38.5	91.7	63.1		0			0.4	25.24	0.6	37.86	63.10
15 -- Portage Escarpment	8.5	21.3	14.6	0.20	2.92			0.7	10.22	0.1	1.46	14.60
									0.00		0.00	
16 -- Cattaraugus Valley	10.4	23.2	16.6	0.20	3.32			0.8	13.28		0.00	16.60
17 -- Penn- York Plateau	98.1	195.2	146.0		0			0.4	58.40	0.6	87.60	146.00
18 -- Western Susquehanna	24.1	67.7	44.9							1	44.90	44.90
19 -- Catskill	22.1	75.8	47.6							1	47.60	47.60
Entire basin	**577.1**	**1130.8**	**844.3**		**244.85**		**76.40**		**228.14**		**294.92**	**844.30**
											844.30	

[1] F_{95} denotes the 95th fractile; the probability of more than the amount F_{95} is 95 percent. F_5 is defined similarly. Because of the dependency between plays, these fractiles (unlike those in many other studies) are additive.