

Bell Atlantic  
Incremental Investment t  
(\$ thousands)

	1997	1998	1999	2000
Capital				
A. Shared Industry Costs	\$0.0	\$0.0	\$0.0	\$0.0
B. SMS Links	\$0.0	\$0.0	\$0.0	\$0.0
C. SCP	\$29,801.7	\$572.6	\$139.0	\$0.0
D. SCP Links	\$16,523.2	\$4,838.0	\$0.0	\$0.0
E. STP	\$0.0	\$0.0	\$0.0	\$0.0
F. STP Links	\$1,266.7	\$1,896.7	\$468.6	\$0.0
G. SSP	\$43,823.3	\$34,994.8	\$19,642.8	\$0.0
H. End Office	\$0.0	\$0.0	\$0.0	\$0.0
I. Access Tandem	\$0.0	\$0.0	\$0.0	\$0.0
J. OSS (new)	\$13,062.6	\$497.1	\$0.0	\$2,000.0
K. OSS (modified)	\$0.0	\$638.7	\$0.0	\$0.0
L. Other LNP Costs	\$0.0	\$0.0	\$0.0	\$0.0
Total Capital	\$104,477.6	\$43,437.9	\$20,250.4	\$2,000.0
Expenses				
A. Shared Industry Costs	\$472.9	\$6,335.0	\$7,076.4	\$7,426.4
B. SMS Links	\$98.2	\$182.3	\$167.8	\$167.8
C. SCP	\$2,033.9	\$440.3	\$0.0	\$0.0
D. SCP Links	\$0.0	\$0.0	\$0.0	\$0.0
E. STP	\$0.0	\$0.0	\$0.0	\$0.0
F. STP Links	\$0.0	\$0.0	\$0.0	\$0.0
G. SSP	\$73,962.5	\$10,906.8	\$2,571.9	\$0.0
H. End Office	\$0.0	\$0.0	\$0.0	\$0.0
I. Access Tandem	\$0.0	\$0.0	\$0.0	\$0.0
J. OSS (new)	\$6,142.4	\$7,807.0	\$3,256.4	\$3,868.0
K. OSS (modified)	\$38,293.8	\$33,725.4	\$4,441.0	\$598.7
L. Other LNP Costs	\$3,026.4	\$2,329.1	\$1,289.1	\$1,486.0
Total Expenses	\$124,030.2	\$61,726.0	\$18,802.6	\$13,546.8
Total Investment	\$228,507.8	\$105,163.9	\$39,052.9	\$15,546.8

Access Lines 45,142,510 50,568,326

Query Demand 91,930,900 102,720,300

FCC Chart 1

to Provide Number Portability

2001	2002	2003	TOTALS
\$0.0	\$0.0	\$0.0	
\$0.0	\$0.0	\$0.0	
\$0.0	\$0.0	\$0.0	
\$0.0	\$0.0	\$0.0	
\$0.0	\$0.0	\$0.0	
\$0.0	\$0.0	\$0.0	
\$0.0	\$0.0	\$0.0	
\$0.0	\$0.0	\$0.0	
\$0.0	\$0.0	\$0.0	
\$2,000.0	\$2,000.0	\$2,000.0	
\$0.0	\$0.0	\$0.0	
\$0.0	\$0.0	\$0.0	
\$2,000.0	\$2,000.0	\$2,000.0	\$176,165.9
\$7,426.4	\$7,258.4	\$7,834.2	
\$167.8	\$167.8	\$167.8	
\$0.0	\$0.0	\$0.0	
\$0.0	\$0.0	\$0.0	
\$0.0	\$0.0	\$0.0	
\$0.0	\$0.0	\$0.0	
\$0.0	\$0.0	\$0.0	
\$0.0	\$0.0	\$0.0	
\$0.0	\$0.0	\$0.0	
\$3,868.0	\$3,868.0	\$3,868.0	
\$252.4	\$0.0	\$0.0	
\$2,347.8	\$3,592.2	\$5,316.4	
\$14,062.4	\$14,886.4	\$17,186.5	\$264,240.8
\$16,062.4	\$16,886.4	\$19,186.5	\$440,406.6
49,602,095	47,481,729	44,181,915	
99,737,700	95,278,900	88,329,800	

Bell Atlantic  
Allocation of Capital Investment and Expenses to SP  
(\$ thousands)

Allocation to SPNPDS Query			1997	1998	1999
Capital					
A.	Shared Industry Costs	2.4%	\$0.00	\$0.00	\$0.00
B.	SMS Links	2.4%	\$0.00	\$0.00	\$0.00
C.	SCP	2.4%	\$703.36	\$13.74	\$0.00
D.	SCP Links	2.4%	\$30.98	\$44.29	\$0.00
		2.4%	\$365.58	\$71.82	\$0.00
E.	STP	n/a	\$0.00	\$0.00	\$0.00
F.	STP Links	2.4%	\$30.40	\$45.52	\$11.25
G.	SSP	2.4%	\$1,051.76	\$839.88	\$471.43
H.	End Office	n/a	\$0.00	\$0.00	\$0.00
I.	Access Tandem	n/a	\$0.00	\$0.00	\$0.00
J.	OSS (new)	2.4%	\$313.50	\$11.93	\$0.00
K.	OSS (modified)	0.0%	\$0.00	\$0.00	\$0.00
L.	Other LNP Costs	2.4%	\$0.00	\$0.00	\$0.00
Total Capital			\$2,495.58	\$1,027.18	\$482.67
Expenses					
A.	Shared Industry Costs	2.4%	\$11.35	\$152.04	\$169.83
B.	SMS Links	2.4%	\$2.36	\$4.37	\$4.03
C.	SCP	2.4%	\$48.81	\$10.57	\$0.00
D.	SCP Links	2.4%	\$0.00	\$0.00	\$0.00
E.	STP	n/a	\$0.00	\$0.00	\$0.00
F.	STP Links	2.4%	\$0.00	\$0.00	\$0.00
G.	SSP	2.4%	\$1,775.10	\$261.76	\$61.73
H.	End Office	n/a	\$0.00	\$0.00	\$0.00
I.	Access Tandem	n/a	\$0.00	\$0.00	\$0.00
J.	OSS (new)	2.4%	\$147.42	\$187.37	\$78.15
K.	OSS (modified)	0.0%	\$0.00	\$0.00	\$0.00
L.	Other LNP Costs	2.4%	\$72.63	\$55.90	\$30.94
Total Expenses			\$2,057.67	\$672.01	\$344.68
Total Investment			\$4,553.25	\$1,699.20	\$827.35

## FCC Chart 4a

NPDS Query

2000	2001	2002	2003	TOTAL
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$48.00	\$48.00	\$48.00	\$48.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$48.00	\$48.00	\$48.00	\$48.00	\$4,197.43
\$178.23	\$178.23	\$174.20	\$188.02	
\$4.03	\$4.03	\$4.03	\$4.03	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$92.83	\$92.83	\$92.83	\$92.83	
\$0.00	\$0.00	\$0.00	\$0.00	
\$35.66	\$56.35	\$86.21	\$127.59	
\$310.76	\$331.44	\$357.27	\$412.48	\$4,486.31
\$358.76	\$379.44	\$405.27	\$460.48	\$8,683.74

UMBER PORTABILITY SERVICE  
Y OF QUERY COST

Chart 4b

	BOY 1999	1999	2000	2001	2002	2003
CAPITAL COSTS	\$3,522,760	\$482,672	\$48,000	\$48,000	\$48,000	\$48,000
PRESENT WORTH FACTORS	1.0000	0.9481	0.8522	0.7660	0.6886	0.6189
PRESENT WORTH INVESTMENT	\$3,522,760	\$457,621	\$40,906	\$36,768	\$33,053	\$29,707
SUM OF P/W INVESTMENTS		\$4,120,815				
Depreciation		\$865,783				
Cost of Money		\$275,270				
Taxes						
- federal and state income		\$131,866				
- property		\$26,373				
Maintenance & Administration		\$384,884				
ANNUAL CAPITAL COST		\$1,684,176				
OPERATING EXPENSES	\$2,729,687	\$344,678	\$310,756	\$331,440	\$357,272	\$412,475
PRESENT WORTH FACTOR	1.0000	0.9481	0.8522	0.7660	0.6886	0.6189
PRESENT WORTH EXPENSES	\$2,729,687	\$326,789	\$264,826	\$253,883	\$246,017	\$255,281
SUM OF P/W EXPENSES		\$4,076,484				
A/P FACTOR		0.27230				
ANNUAL OPERATING EXPENSES		\$1,110,027				
ANNUAL CAPITAL COSTS AND OPERATING EXI		\$2,794,203				
DEMAND		2,550,299,604				
DIRECT COSTS PER QUERY		\$0.001096				
OVERHEAD FACTOR		1.064				
TOTAL COST PER QUERY		\$0.001166				
RATE PER QUERY		\$0.001749				
COST/RATE RATIO		0.67				

COST/INVESTMENT RATIO

0.72

Bell Atlantic  
Allocation of Capital Investment and Expenses to SPNDS Da  
(\$ thousands)

Allocation to SPNPDS Database Query			1997	1998	1999
Capital					
A.	Shared Industry Costs	1.5%	\$0.00	\$0.00	\$0.00
B.	SMS Links	1.5%	\$0.00	\$0.00	\$0.00
C.	SCP	1.5%	\$934.68	\$8.59	\$139.00
D.	SCP Links	1.5%	\$19.36	\$27.68	\$0.00
		0.0%	\$0.00	\$0.00	\$0.00
E.	STP	n/a	\$0.00	\$0.00	\$0.00
F.	STP Links	0.0%	\$0.00	\$0.00	\$0.00
G.	SSP	0.0%	\$0.00	\$0.00	\$0.00
H.	End Office	n/a	\$0.00	\$0.00	\$0.00
I.	Access Tandem	n/a	\$0.00	\$0.00	\$0.00
J.	OSS (new)	1.5%	\$195.94	\$7.46	\$0.00
K.	OSS (modified)	0.0%	\$0.00	\$0.00	\$0.00
L.	Other LNP Costs	0.0%	\$0.00	\$0.00	\$0.00
Total Capital			\$1,149.98	\$43.73	\$139.00
Expenses					
A.	Shared Industry Costs	1.5%	\$7.09	\$95.03	\$106.15
B.	SMS Links	1.5%	\$1.47	\$2.73	\$2.52
C.	SCP	1.5%	\$30.51	\$6.60	\$0.00
D.	SCP Links	1.5%	\$0.00	\$0.00	\$0.00
E.	STP	n/a	\$0.00	\$0.00	\$0.00
F.	STP Links	0.0%	\$0.00	\$0.00	\$0.00
G.	SSP	0.0%	\$0.00	\$0.00	\$0.00
H.	End Office	n/a	\$0.00	\$0.00	\$0.00
I.	Access Tandem	n/a	\$0.00	\$0.00	\$0.00
J.	OSS (new)	1.5%	\$92.14	\$117.11	\$48.85
K.	OSS (modified)	0.0%	\$0.00	\$0.00	\$0.00
L.	Other LNP Costs	0.0%	\$0.00	\$0.00	\$0.00
Total Expenses			\$131.21	\$221.47	\$157.51
Total Investment			\$1,281.19	\$265.20	\$296.51

## FCC Chart 5a

Database Query

2000	2001	2002	2003	TOTAL
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$30.00	\$30.00	\$30.00	\$30.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$30.00	\$30.00	\$30.00	\$30.00	\$1,451.54
\$111.40	\$111.40	\$108.88	\$117.51	
\$2.52	\$2.52	\$2.52	\$2.52	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$58.02	\$58.02	\$58.02	\$58.02	
\$0.00	\$0.00	\$0.00	\$0.00	
\$0.00	\$0.00	\$0.00	\$0.00	
\$171.93	\$171.93	\$169.42	\$178.05	\$1,194.91
\$201.93	\$201.93	\$199.41	\$208.05	\$2,646.45



UMBER PORTABILITY SERVICE  
DATABASE QUERY COST

	BOY 1999	1999	2000	2001	2002	2003
CAPITAL COSTS	\$1,193,707	\$139,000	\$30,000	\$30,000	\$30,000	\$30,000
PRESENT WORTH FACTORS	1.0000	0.9481	0.8522	0.7660	0.6886	0.6189
PRESENT WORTH INVESTMENT SUM OF P/W INVESTMENTS	\$1,193,707	\$131,786 \$1,413,264	\$25,566	\$22,980	\$20,658	\$18,567
Depreciation		\$296,927				
Cost of Money		\$94,406				
Taxes						
- federal and state income		\$45,224				
- property		\$9,045				
Maintenance & Administration		\$131,999				
ANNUAL CAPITAL COST		\$577,601				
OPERATING EXPENSES	\$352,681	\$157,509	\$171,933	\$171,933	\$169,413	\$178,050
PRESENT WORTH FACTOR	1.0000	0.9481	0.8522	0.7660	0.6886	0.6189
PRESENT WORTH EXPENSES	\$352,681	\$149,334	\$146,521	\$131,701	\$116,658	\$110,195
SUM OF P/W EXPENSES		\$1,007,090				
A/P FACTOR		0.27230				
ANNUAL OPERATING EXPENSES		\$274,231				
ANNUAL CAPITAL COSTS AND OPERATING EXI		\$851,832				
DEMAND		1,377,249,897				
DIRECT COSTS PER QUERY		\$0.000619				
OVERHEAD FACTOR		1.064				
TOTAL COSTS PER QUERY		\$0.000658				
RATE PER DATABASE QUERY		\$0.000987				
COST/RATE RATIO		0.67				

COST/INVESTMENT RATIO

0.64

Chart 5b



BELL ATLANTIC  
SERVICE PROVIDER NUMBER PORTABILITY  
DATABASE SERVICE DATABASE QUERY  
NONRECURRING COSTS

FCC Chart 6

LINE #	ACTIVITY	TIME/HRS	LABOR RATES	TOTAL COSTS
1	Translation Engineer	0.5	\$44.41	\$22.21
2	Translation Administration	0.25	\$50.58	\$12.65
3	Central Office Planner	0.5	\$60.93	\$30.47
	Total Nonrecurring Costs			\$65.32
	Total Nonrecurring Rate			\$102.35