

### BenchMarking 2003

N° Ranking	EMPRESA	Información referencial				Parámetros de evaluación										Calificación			
		Número de conexiones de agua potable 1_/	Tarifa media (S/./m3)	Producción per cápita (L/hab/día)	Agua no Contabilizada (%)	Cobertura de agua potable (%)	Cobertura de alcantarillado (%)	Calidad del agua (%)	Tratamiento de aguas servidas (%)	Continuidad (Horas/día)	Eficiencia operativa (%)	Micromedición (%)	Morosidad (Meses)	Relación de trabajo (%)	Puntaje total (Puntos)	Puntaje promedio	Calificación 2003	Calificación 2002	
<<< SEDAPAL >>>																			
1	SEDAPAL S.A.	1,375,591	1.4	274.8	40.7%	89.7%	84.3%	100.0%	8.5%	21.3	88.8%	67.7%	4.6	60.9%	706.4	78.5	B+	B+	
	<b>SUBTOTAL</b>	<b>1,375,591</b>	<b>1.4</b>	<b>274.8</b>	<b>40.7%</b>	<b>89.7%</b>	<b>84.3%</b>	<b>100.0%</b>	<b>8.5%</b>	<b>21.3</b>	<b>88.8%</b>	<b>67.7%</b>	<b>4.6</b>	<b>60.9%</b>	<b>706.4</b>	<b>78.5</b>	<b>B+</b>	<b>B+</b>	
<b>GRANDES EMPRESAS ( 40 a 200 mil conexiones)</b>																			
1	EPS TACNA S.A.	59,311	1.3	194.3	29.6%	98.8%	94.8%	99.4%	79.9%	19.3	80.4%	55.7%	2.7	69.5%	754.7	83.9	A-	A-	
2	EPS SEDACUSCO S.A.	46,508	1.6	231.4	50.4%	91.0%	87.8%	98.5%	42.0%	21.5	89.6%	76.4%	1.3	68.8%	747.6	83.1	A-	B+	
3	SEDAPAR S.A.	181,576	1.2	212.3	46.4%	89.9%	82.2%	99.2%	11.5%	20.8	86.5%	67.4%	6.3	79.4%	648.7	72.1	B+	B+	
4	EPSSEL S.A.	116,898	1.0	280.0	46.6%	65.6%	59.4%	99.7%	90.3%	16.7	62.1%	21.0%	10.6	79.3%	575.3	63.9	B-	B-	
5	SEDALIB S.A.	129,203	1.8	223.1	47.5%	74.7%	68.0%	92.5%	74.6%	9.2	38.2%	55.7%	8.4	74.8%	570.2	63.4	B-	B-	
6	SEDACHIMBOTE S.A.	66,635	1.0	299.9	48.9%	88.6%	79.9%	92.5%	47.2%	8.0	27.8%	14.1%	5.9	87.2%	490.9	54.5	C+	C+	
7	EPS SEDALORETO S.A.	46,608	1.2	294.0	62.0%	68.1%	60.1%	96.9%	0.0%	15.4	54.6%	38.7%	9.6	95.9%	452.8	50.3	C+	C-	
8	EPS GRAU S.A.	153,996	1.7	366.8	62.4%	84.7%	68.4%	99.0%	50.9%	11.1	31.8%	18.4%	18.3	90.4%	447.1	49.7	C-	C-	
	<b>SUBTOTAL</b>	<b>800,735</b>	<b>1.3</b>	<b>260.4</b>	<b>50.8%</b>	<b>80.7%</b>	<b>72.3%</b>	<b>97.6%</b>	<b>49.3%</b>	<b>15.1</b>	<b>60.2%</b>	<b>42.9%</b>	<b>9.2</b>	<b>80.8%</b>	<b>575.3</b>	<b>63.9</b>	<b>B-</b>	<b>B-</b>	
<b>MEDIANAS EMPRESAS ( 10 a 40 mil conexiones)</b>																			
1	SEDAJAJ S.A.	25,422	1.5	187.1	25.3%	93.7%	87.1%	96.5%	25.0%	19.3	80.3%	79.8%	1.9	75.8%	695.3	77.3	B+	A-	
2	EPS CHAVIN S.A.	18,068	0.8	321.5	56.2%	86.3%	71.9%	97.8%	0.0%	22.0	71.3%	51.7%	4.5	78.1%	606.9	67.4	B-	B-	
3	EMAPISCO S.A.	15,910	0.9	448.4	66.4%	86.9%	71.1%	99.2%	94.9%	20.0	46.3%	46.3%	13.1	89.3%	600.5	66.7	B+	C+	
4	SEDA HUÁNUCO S.A.	26,455	1.0	294.1	59.4%	69.0%	61.7%	98.8%	0.0%	22.8	80.7%	78.9%	3.4	89.8%	595.2	66.1	B-	C+	
5	EPSASA	33,481	0.9	340.2	51.6%	91.9%	64.9%	98.2%	73.3%	10.8	32.9%	47.7%	1.6	81.9%	592.1	65.8	B-	B-	
6	EMSA PUNO S.A.	27,840	1.1	189.1	29.6%	73.3%	54.4%	100.0%	100.0%	11.0	45.8%	37.5%	3.0	84.1%	584.3	64.9	B-	B-	
7	EMAPA CAÑETE S.A.	24,058	1.0	201.8	36.0%	88.4%	63.3%	99.9%	14.2%	19.8	82.5%	42.1%	1.9	94.9%	577.8	64.2	B-	B-	
8	EPS ILO S.A.	17,667	2.1	269.4	60.0%	95.8%	73.1%	99.6%	71.4%	4.0	15.5%	57.6%	3.4	77.2%	572.4	63.6	B-	C+	
9	EPS MANTARO S.A.	13,952	0.6	306.7	49.9%	78.0%	42.1%	88.5%	0.0%	20.9	71.1%	21.0%	1.9	77.9%	535.3	59.5	C+	C+	
10	EPS MOQUEGUA S.R.L.	13,064	0.8	341.0	50.0%	76.4%	59.9%	98.0%	100.0%	15.0	45.8%	30.0%	11.3	96.5%	534.1	59.3	C+	B-	
11	EPS EMAPICA S.A.	37,410	0.9	341.7	50.2%	82.8%	70.0%	96.0%	83.2%	11.1	33.7%	4.0%	12.6	75.9%	523.8	58.2	C+	C+	
12	EMAPA SAN MARTÍN S.A.	37,625	1.0	241.0	43.4%	78.4%	59.6%	96.6%	0.0%	15.3	63.8%	34.4%	1.9	87.1%	520.6	57.8	C+	B-	
13	EMAPA HUARAL S.A.	10,128	0.9	343.6	53.4%	61.3%	57.8%	99.3%	0.0%	22.0	66.7%	33.4%	3.3	104.9%	496.4	55.2	C+	C+	
14	EPS SEDAJULIACA S.A.	30,498	0.6	132.3	4.0%	79.3%	73.8%	86.9%	37.8%	9.8	55.7%	21.7%	4.2	95.1%	491.0	54.6	C+	C+	
15	EPS SELVA CENTRAL S.A.	14,709	0.6	389.8	53.7%	72.4%	54.3%	92.4%	13.2%	19.0	50.8%	20.3%	8.5	89.1%	474.4	52.7	C+	B-	
16	SEMAPA BARRANCA S.A.	13,507	S.I.	527.1	S.I.	76.4%	69.6%	95.1%	0.0%	12.0	23.7%	0.0%	3.1	76.8%	459.7	51.1	C-	C-	
17	SEMAPACH S.A.	29,813	1.2	480.9	68.5%	88.5%	62.3%	100.0%	S.I.	12.0	26.0%	8.4%	7.1	99.5%	406.8	50.9	C+	S.I.	
18	EMAPA HUACHO S.A.	20,700	1.2	300.5	57.7%	92.0%	84.3%	S.I.	0.0%	10.7	37.2%	29.4%	8.0	80.2%	403.7	50.5	C+	C+	
19	EMAPACOP S.A.	22,827	1.1	319.0	36.6%	48.6%	34.7%	96.6%	0.0%	14.0	45.7%	0.0%	4.7	80.9%	412.0	45.8	C-	C-	
20	EMFAPATUMBES S.A.	32,089	1.4	385.1	70.2%	84.3%	40.2%	98.1%	44.2%	7.0	18.9%	2.9%	33.5	122.1%	317.8	35.3	D+	D+	
	<b>SUBTOTAL</b>	<b>465,123</b>	<b>1.0</b>	<b>299.0</b>	<b>50.7%</b>	<b>78.5%</b>	<b>61.3%</b>	<b>97.1%</b>	<b>35.7%</b>	<b>14.4</b>	<b>50.2%</b>	<b>31.9%</b>	<b>6.6</b>	<b>87.0%</b>	<b>519.8</b>	<b>57.8</b>	<b>C+</b>	<b>C+</b>	
<b>PEQUEÑAS EMPRESAS ( Menos de 10 mil conexiones)</b>																			
1	EMPSSAPAL S.A.	9,376	0.8	237.3	54.4%	81.6%	71.8%	89.7%	0.0%	22.4	93.4%	73.2%	1.7	73.9%	661.2	73.5	B+	B+	
2	EMUSAP S.R.L.	4,464	1.2	211.0	34.8%	97.6%	78.2%	100.0%	0.0%	24.0	100.0%	91.4%	2.1	116.5%	658.4	73.2	B+	B+	
3	EPS MOYOBAMBA S.R.L.	9,822	1.1	214.5	46.6%	85.2%	62.5%	97.3%	27.6%	22.7	94.6%	74.3%	1.0	96.1%	641.9	71.3	B+	B+	
4	EMAPAT S.R.L.	7,630	2.5	183.0	44.4%	89.0%	36.1%	99.8%	0.0%	20.5	85.4%	84.7%	3.4	91.4%	598.1	65.3	B-	B-	
5	EPS SIERRA CENTRAL S.A.	8,764	0.8	370.8	64.1%	85.6%	75.3%	98.8%	0.0%	22.9	64.4%	15.0%	2.0	88.1%	555.8	61.8	B-	B-	
6	EMUSAP ABANCAY S.A.	7,758	0.7	342.8	52.1%	67.1%	61.1%	92.7%	0.0%	17.0	51.7%	74.2%	5.1	87.7%	527.1	58.6	C+	C+	
7	SEMAPA HUANCAMELICA	5,587	0.8	306.8	48.4%	63.7%	54.9%	98.5%	0.0%	18.9	64.3%	35.8%	1.7	98.8%	492.2	54.7	C+	B-	
8	EPS NOR PUNO S.A.	4,584	0.6	131.4	7.2%	81.6%	50.4%	99.9%	0.0%	12.6	72.2%	46.1%	3.9	100.7%	486.8	54.1	C+	C+	
9	EMAG S.R.L.	3,992	0.5	508.0	62.4%	68.0%	40.5%	81.4%	S.I.	11.8	24.2%	24.2%	1.9	88.2%	409.2	51.1	C+	C+	
10	EMAPA Y S.R.L.	3,348	1.2	325.5	71.0%	96.8%	54.6%	86.8%	0.0%	19.6	62.9%	0.0%	19.5	87.4%	433.1	48.1	C-	C-	
11	EPS MARAÑÓN S.R.L.	5,626	0.6	636.3	72.4%	34.0%	32.8%	99.8%	27.8%	14.1	23.2%	15.0%	9.5	79.1%	404.1	44.9	C-	D+	
12	EMAPAVIGSSA	7,114	1.1	245.1	55.0%	85.8%	80.2%	80.8%	0.0%	3.0	12.5%	9.2%	9.3	93.3%	359.1	39.9	D+	D+	
13	EPSSMU S.R.L.																SIN INFORMACION	D+	
14	EMAPAB S.R.L.																SIN INFORMACION	C-	
15	EMAPA PASCO																SIN INFORMACION	C-	
16	EPS EMSAP CHANKA S.A.																SIN INFORMACION	S.I.	
	<b>SUBTOTAL</b>	<b>74,073</b>	<b>1.0</b>	<b>311.1</b>	<b>55.1%</b>	<b>73.0%</b>	<b>56.7%</b>	<b>94.3%</b>	<b>7.4%</b>	<b>17.9</b>	<b>59.8%</b>	<b>49.1%</b>	<b>3.8</b>	<b>92.1%</b>	<b>518.7</b>	<b>57.6</b>	<b>C+</b>	<b>C+</b>	
<b>TOTAL</b>		<b>2,719,514</b>	<b>1.3</b>	<b>275.0</b>	<b>45.2%</b>	<b>84.5%</b>	<b>75.7%</b>	<b>98.0%</b>	<b>23.2%</b>	<b>18.3</b>	<b>69.1%</b>	<b>52.2%</b>	<b>5.9</b>	<b>68.3%</b>	<b>633.4</b>	<b>70.4</b>	<b>B+</b>	<b>B-</b>	

1\_/ Unidades de uso

     Benchmark Nacional

     BenchMark del grupo