

BenchMarking 2004

N° Ranking	EMPRESA	Información referencial						Parámetros de evaluación								Calificación			
		Número de conexiones de agua potable ^{1/}	Tarifa media (S./m3)	Costo Operativo (S./m3)	Producción per cápita (Lt/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 2004	Calificación 2003
<<<< SEDAPAL >>>>																			
1	SEDAPAL S.A.	1,402,108	1.4	1.0	253.8	38.0%	89.8%	84.4%	99.7%	9.7%	17.9	74.6%	63.8%	4.6	65.7%	663.1	73.7	B+	B+
SUBTOTAL		1,402,108	1.4	1.0	253.8	38.0%	89.8%	84.4%	99.7%	9.7%	17.9	74.6%	63.8%	4.6	65.7%	663.1	73.7	B+	B+
GRANDES EMPRESAS (40 a 200 mil conexiones)																			
1	EPS SEDACUSCO S.A.	51,118	1.4	0.7	227.4	48.4%	91.2%	80.6%	99.5%	45.5%	20.9	87.0%	70.6%	1.0	60.5%	756.0	84.0	A-	A-
2	EPS TACNA S.A.	61,137	1.2	0.8	195.3	31.8%	99.9%	95.9%	99.5%	81.3%	19.0	79.2%	47.8%	3.0	74.2%	734.9	81.7	A-	A-
3	SEDAPAR S.A.	180,069	1.2	0.9	194.1	42.0%	93.3%	77.1%	98.3%	103.3%	21.6	60.8%	26.8%	7.4	77.6%	663.5	72.6	B+	B+
4	EPSEL S.A.	117,044	1.1	0.7	274.9	43.2%	83.8%	59.5%	100.0%	95.7%	17.7	67.2%	20.6%	10.4	81.8%	582.9	64.8	B-	B-
5	SEDALIB S.A.	133,933	1.8	1.0	213.3	50.0%	77.4%	67.1%	94.5%	72.4%	7.9	32.9%	50.9%	8.1	74.4%	558.4	62.0	B-	B-
6	SEDAM HUANCAYO S.A.	54,045	1.0	0.4	288.0	45.7%	69.3%	62.5%	93.3%	0.0%	14.0	50.6%	9.8%	2.4	68.7%	512.1	52.0	C+	C+
7	SEDACHIMBOTE S.A.	67,884	1.0	0.5	297.8	50.3%	88.8%	80.3%	94.5%	37.2%	7.1	24.8%	14.3%	6.2	81.4%	490.2	54.5	C+	C+
8	EPS LORETO S.A.	48,578	1.2	0.6	273.3	67.5%	69.5%	60.8%	97.3%	0.0%	16.1	61.4%	34.8%	9.1	93.1%	469.9	52.2	C+	C+
9	EPS GRAU S.A.	152,412	1.5	1.0	281.4	55.2%	83.2%	67.5%	98.9%	39.6%	11.5	42.4%	17.9%	15.7	86.2%	466.1	51.8	C+	C-
SUBTOTAL		866,195	1.3	0.8	243.4	47.8%	78.8%	70.1%	98.2%	43.1%	15.0	62.6%	41.4%	8.3	78.4%	576.0	64.0	B-	B-
MEDIANAS EMPRESAS (10 a 40 mil conexiones)																			
1	EPS SEDACAJ S.A.	28,323	1.8	1.0	185.7	29.0%	94.4%	93.9%	97.5%	21.6%	18.7	77.7%	78.9%	1.4	73.5%	697.9	77.5	B+	B+
2	SEDA HUANUCO S.A.	29,341	1.0	0.5	260.7	67.4%	74.0%	64.2%	93.6%	S.I.	21.7	66.7%	77.4%	3.2	92.9%	591.0	73.9	B+	B-
3	EPSASA	34,861	0.8	0.4	315.9	47.0%	93.6%	67.0%	95.6%	71.5%	14.4	47.6%	61.8%	1.8	70.1%	664.5	73.8	B+	B-
4	EMSA PUNO S.A.	29,330	1.3	0.9	167.3	38.7%	75.0%	64.7%	99.8%	99.6%	11.8	52.8%	36.5%	3.0	79.5%	616.1	68.5	B-	B-
5	EMAPISCO S.A.	16,423	0.7	S.I.	S.I.	S.I.	87.6%	72.4%	98.7%	S.I.	10.2	S.I.	36.9%	S.I.	S.I.	338.0	67.6	B-	B-
6	EMAPA CAÑETE S.A.	24,696	0.9	0.7	195.5	34.3%	88.3%	63.7%	98.8%	11.9%	19.2	80.2%	40.4%	2.1	89.4%	581.1	64.6	B-	B-
7	EPS CHAVIN S.A.	19,095	0.7	0.4	311.1	48.7%	88.9%	71.3%	98.3%	0.0%	21.5	71.9%	31.4%	5.1	80.3%	579.1	64.3	B-	B-
8	EPS SEDAJUJILACA S.A.	32,112	0.6	1.1	121.6	-2.2%	80.8%	80.0%	97.6%	65.1%	10.2	62.7%	23.9%	3.7	108.4%	537.1	59.7	C+	C+
9	EMAPA HUARAL S.A.	10,573	0.9	0.4	337.2	53.6%	62.7%	58.2%	99.6%	0.0%	19.7	60.9%	42.8%	3.5	89.2%	518.6	57.6	C+	C+
10	EMAPA HUACHO S.A.	19,781	1.3	0.6	302.6	55.6%	86.1%	83.1%	98.2%	0.0%	12.8	44.1%	31.6%	7.5	79.0%	517.5	57.5	C+	C+
11	EPS EMARIPACA S.A.	38,096	0.9	0.5	371.0	52.4%	83.0%	70.4%	99.2%	91.7%	12.0	33.8%	4.2%	12.8	87.0%	511.8	36.9	C+	C+
12	EPS SEMAPACHI S.A.	30,615	1.2	0.6	474.4	68.0%	89.6%	63.7%	100.0%	96.8%	11.0	24.2%	7.4%	6.2	111.0%	502.0	55.8	C+	C+
13	EMAPA SAN MARTÍN S.A.	38,820	1.0	0.7	246.9	46.4%	78.8%	58.7%	94.7%	0.0%	14.9	61.9%	40.2%	2.1	95.2%	499.5	55.5	C+	C+
14	EPS MOQUEGUA S.R.L.	13,619	0.7	0.4	327.6	47.9%	71.7%	54.9%	95.0%	100.0%	11.8	37.6%	29.1%	12.9	95.6%	494.8	55.0	C+	C+
15	EPS ILO S.A.	18,021	2.2	1.4	300.6	63.3%	95.7%	73.5%	99.6%	0.0%	5.3	18.5%	51.6%	3.7	81.9%	491.1	54.6	C+	B-
16	EPS SELVA CENTRAL S.A.	15,417	0.5	0.4	371.8	52.6%	67.6%	50.4%	96.8%	13.0%	20.1	56.3%	21.5%	8.1	93.2%	472.6	52.5	C+	C+
17	SEMAPA BARRANCA S.A.	13,722	0.8	0.2	523.1	79.1%	77.9%	69.9%	92.9%	0.0%	10.9	21.7%	0.0%	2.9	90.5%	419.3	46.6	C-	C+
18	EMAPACOP S.A.	22,366	1.2	0.8	350.0	43.7%	46.2%	39.9%	98.3%	0.0%	16.8	50.0%	0.0%	4.5	92.9%	403.3	44.8	C-	C-
19	EMFAPATUMBES S.A.	32,581	1.4	0.7	356.0	67.8%	84.2%	40.0%	100.0%	48.1%	7.3	21.4%	3.3%	29.9	118.6%	327.6	36.4	D+	D+
20	EPS MANTARO S.A.																		
SUBTOTAL		465,792	1.0	0.6	277.1	48.9%	76.7%	61.8%	97.8%	37.5%	14.3	53.6%	32.9%	6.1	89.0%	522.3	58.0	C+	C+
Sin Información																			
PEQUEÑAS EMPRESAS (Menos de 10 mil conexiones)																			
1	EMUSAP S.R.L.	4,714	1.2	1.2	232.4	39.4%	96.3%	73.7%	100.0%	0.0%	24.0	100.0%	92.3%	1.8	78.6%	709.3	78.8	B+	B+
2	EPS NOROCCINO S.A.	5,541	0.5	0.8	126.7	12.4%	98.6%	52.6%	100.0%	S.I.	17.5	103.3%	50.3%	2.8	99.2%	597.3	70.9	B+	B+
3	EMPSAPAL S.A.	9,733	0.7	0.5	220.7	50.7%	82.8%	71.1%	87.3%	0.0%	23.0	95.7%	69.9%	1.8	85.1%	632.2	70.2	B+	B+
4	EPS MOYOBAMBA S.R.L.	10,365	1.1	0.9	194.3	44.5%	96.8%	62.9%	97.0%	6.2%	22.8	95.0%	77.2%	0.8	102.8%	616.6	68.5	B+	B+
5	EMAPAT S.R.L.	8,178	2.5	1.6	166.6	39.3%	95.4%	40.0%	99.9%	0.0%	20.2	90.7%	87.0%	3.5	92.5%	601.1	66.8	B-	B-
6	EPS SIERRA CENTRAL S.A.	8,938	0.8	0.3	344.3	61.6%	86.6%	77.3%	97.2%	0.0%	22.9	69.4%	19.6%	2.0	92.4%	556.4	61.8	B-	B-
7	EMUSAP ABANCAY S.A.	8,185	0.7	0.4	346.4	54.0%	68.9%	62.0%	92.6%	0.0%	18.9	56.9%	71.3%	5.6	86.6%	540.7	60.1	B-	C+
8	EMAO S.R.L.	4,134	0.5	0.2	617.3	67.4%	67.3%	62.2%	81.4%	S.I.	11.8	20.0%	20.6%	1.7	82.6%	437.4	54.7	C+	C+
9	SEMAPA HUANCAVELICA S.A.	4,622	0.7	0.5	336.9	54.2%	51.4%	45.9%	97.6%	0.0%	19.0	58.6%	42.7%	2.1	93.5%	482.6	53.6	C+	C+
10	EMAPA Y S.R.L.	3,425	0.7	0.4	172.8	58.7%	60.6%	85.1%	96.7%	0.0%	21.3	92.6%	0.0%	22.6	85.6%	465.6	51.7	C+	C-
11	EPS MARAÑÓN S.R.L.	5,801	0.6	0.2	674.0	75.1%	34.1%	33.1%	89.9%	S.I.	14.6	22.5%	24.8%	7.4	89.5%	360.5	45.1	C-	C-
12	EMAPAVIGSSA	5,999	1.0	0.8	232.9	45.9%	71.5%	83.8%	83.8%	S.I.	1.7	7.0%	10.0%	10.3	99.9%	317.7	39.7	D+	D+
13	EMAPAB S.R.L.	4,195	0.4	0.2	468.2	53.1%	82.8%	69.7%	91.9%	0.0%	3.1	7.0%	2.3%	16.1	81.4%	345.8	38.4	D+	S.I.
14	EMAPA PASCO	8,950	0.6	S.I.	S.I.	S.I.	47.7%	S.I.	43.8%	S.I.	2.0	S.I.	0.0%	11.0	77.1%	211.2	35.2	D+	S.I.
15	EPSSMU S.R.L.																		
16	EPS EMSAP CHANKA S.A.																		
SUBTOTAL		92,780	0.9	0.5	275.0	52.8%	69.8%	51.1%	90.2%	0.5%	16.4	62.3%	44.6%	4.5	93.6%	484.7	53.9	C+	C+
Sin Información																			
TOTAL		2,826,875	1.3	0.9	254.8	42.9%	83.3%	74.7%	98.2%	23.0%	16.4	62.3%	49.8%	5.7	71.5%	611.9	68.0	B-	B+

1/ Unidades de uso

Benchmark Nacional
 Benchmark del grupo

Mejores Prácticas

1	A Nivel Global					-2.2%	99.9%	95.9%	100.0%	100.0%	24.0	103.9%	92.3%	0.8	60.5%	887.4	98.6	A+	
2	Grandes Empresas					31.8%	99.9%	95.9%	100.0%	95.7%	21.8	90.0%	78.8%	1.0	60.5%	845.1	93.9	A+	
3	Medianas Empresas					-2.2%	89.8%	89.8%	100.0%	100.0%	21.6	86.7%	78.9%	1.4	70.1%	810.2	90.0	A+	
4	Pequeñas Empresas					12.4%	96.7%	81.1%	100.0%	6.2%	24.0	103.9%	92.3%	0.8	77.1%	734.2	81.6	A-	

Se calcula considerando los indicadores más favorables en cada grupo de Empresas