

ANEXO 1. Cuadros con datos *input* y *output* de los puertos de contenedores de la Cuenca del Pacífico 2003-2008

Cuadro 5. Datos *input* y *output* de los puertos de contenedores de la Cuenca del Pacífico 2003

DMU	País	Inputs (X)			Output (Y)
		LM	ST	GP	TEU
BRISBANE	AUSTRALIA	1,610.00	48.50	9.00	639,570.00
VANCOUVER	CANADÁ	3,803.00	158.33	46.00	1,539,058.00
ANTOFAGASTA	CHILE	1,230.00	1.50	14.00	47,266.00
IQUIQUE	CHILE	3,143.00	5.38	2.00	135,267.00
SAN ANTONIO	CHILE	1,155.00	37.14	10.00	524,376.00
VALPARAISO	CHILE	2,611.00	23.54	14.00	319,368.00
QINGDAO	CHINA	3,367.00	113.60	48.00	1,332,746.00
SHANGHAI	CHINA	2,281.00	82.50	64.00	11,280,000.00
XIAMEN	CHINA	1,110.00	71.50	27.00	2,331,000.00
TIANJIN	CHINA	2,450.00	100.44	20.00	3,015,000.00
YANTIAN	CHINA	2,350.00	118.00	30.00	5,258,106.00
BUSAN	COREA	11,040.00	301.33	120.00	10,407,809.00
KWANGYANG	COREA	700.00	42.00	14.00	1,184,842.00
GUAYAQUIL	ECUADOR	1,515.00	23.50	5.00	468,599.00
ACAJUTLA	EL SALVADOR	270.00	4.90	3.00	65,576.00
PUERTO QUETZAL	GUATEMALA	400.00	47.80	3.00	174,108.00
HONG KONG KCTY	HONG KONG	5,754.00	217.00	67.00	20,449,000.00
HONG KONG RTT	HONG KONG	3,000.00	65.00	30.00	5,919,000.00
YOKOHAMA	JAPÓN	5,440.00	173.36	88.00	2,504,627.00
ENSENADA	MÉXICO	300.00	14.42	4.00	44,836.00
LÁZ CÁRDENAS	MÉXICO	286.00	18.50	6.00	1,646.00
MANZANILLO	MÉXICO	2,205.00	30.80	24.00	709,209.00
BALBOA	PANAMÁ	891.00	18.10	19.00	457,134.00
CALLAO	PERÚ	4,000.00	26.45	5.00	553,138.00
SINGAPUR	SINGAPUR	6,165.00	339.00	473.00	18,100,000.00
KAOHSIUNG	TAIWAN	5,122.00	142.14	37.00	8,840,000.00
KEELUNG	TAIWAN	3,192.00	33.90	22.00	2,000,707.00
LONG BEACH	USA	7,606.00	396.16	106.00	4,658,124.00
LOS ANGELES	USA	7,388.00	326.38	62.00	7,178,940.00
OAKLAND	USA	7,134.00	323.80	56.00	1,923,104.00
SEATTLE	USA	4,055.00	203.68	26.00	1,486,382.00
TACOMA	USA	1,982.00	162.00	24.00	1,738,068.00
PORTLAND	USA	1,616.00	62.83	16.00	333,618.00

Fuente: *Containerisation International Yearbook* (2004).**LM** = Longitud del muelle.**ST**= Superficie de la terminal.**GP**= Número total de grúas pórtico.**TEU**= Movimiento anual de contenedores.

Cuadro 6. Datos *input* y *output* de los puertos de contenedores de la Cuenca del Pacífico 2004

DMU	País	Inputs (X)			Output (Y)
		LM	ST	GP	TEU
BRISBANE	AUSTRALIA	1,000.00	24.77	9.00	706,242.00
VANCOUVER	CANADÁ	3,409.00	158.33	52.00	1,664,900.00
ANTOFAGASTA	CHILE	1,230.00	1.50	10.00	41,399.00
IQUIQUE	CHILE	3,143.00	5.38	10.00	158,357.00
SAN ANTONIO	CHILE	1,155.00	48.26	10.00	639,762.00
VALPARAISO	CHILE	2,611.00	23.54	14.00	388,353.00
QINGDAO	CHINA	5,100.00	113.60	120.00	4,532,769.00
SHANGHAI	CHINA	5,096.00	401.00	204.00	14,557,200.00
XIAMEN	CHINA	1,110.00	71.50	27.00	2,871,700.00
TIANJIN	CHINA	2,450.00	100.44	28.00	3,814,000.00
YANTIAN	CHINA	2,350.00	118.00	30.00	6,259,515.00
BUSAN	COREA	1,104.00	301.36	105.00	11,430,000.00
KWANGYANG	COREA	3,700.00	137.35	47.00	1,320,000.00
GUAYAQUIL	ECUADOR	1,515.00	23.50	5.00	516,557.00
ACAJUTLA	EL SALVADOR	270.00	4.90	3.00	92,857.00
PUERTO QUETZAL	GUATEMALA	400.00	47.80	3.00	195,056.00
HONG KONG KCTY	HONG KONG	7,694.00	275.00	89.00	21,984,000.00
HONG KONG RTT	HONG KONG	3,000.00	65.00	30.00	4,355,000.00
YOKOHAMA	JAPÓN	5,830.00	173.36	83.00	2,717,630.00
ENSENADA	MÉXICO	300.00	14.42	3.00	43,349.00
LÁZ CÁRDENAS	MÉXICO	286.00	18.50	6.00	43,445.00
MANZANILLO	MÉXICO	2,205.00	31.85	20.00	830,777.00
BALBOA	PANAMÁ	891.00	18.10	19.00	465,091.00
CALLAO	PERÚ	4,000.00	44.10	5.00	616,850.00
SINGAPUR	SINGAPUR	6,165.00	342.34	449.00	20,600,000.00
KAOHSIUNG	TAIWAN	6,711.00	142.14	41.00	9,710,000.00
KEELUNG	TAIWAN	3,072.00	33.90	25.00	2,070,192.00
LONG BEACH	USA	6,186.00	460.00	76.00	5,779,852.00
LOS ANGELES	USA	9,002.00	616.12	103.00	7,321,440.00
OAKLAND	USA	7,134.00	323.80	56.00	2,047,504.00
SEATTLE	USA	4,055.00	203.68	25.00	1,775,858.00
TACOMA	USA	1,494.00	108.50	16.00	1,797,560.00
PORTLAND	USA	1,616.00	62.83	16.00	274,609.00

Fuente: *Containerisation International Yearbook* (2005).

Cuadro 7. Datos *input* y *output* de los puertos de contenedores de la Cuenca del Pacífico 2005

DMU	País	Inputs (X)			Output (Y)
		LM	ST	GP	TEU
BRISBANE	AUSTRALIA	1,427.00	31.50	15.00	766,275.00
VANCOUVER	CANADÁ	4,019.00	158.33	46.00	1,767,379.00
ANTOFAGASTA	CHILE	1,230.00	1.50	17.00	50,028.00
IQUIQUE	CHILE	3,143.00	5.38	10.00	208,303.00
SAN ANTONIO	CHILE	1,155.00	48.26	10.00	773,048.00
VALPARAISO	CHILE	2,993.00	54.00	11.00	377,275.00
QINGDAO	CHINA	5,100.00	113.60	120.00	5,443,086.00
SHANGHAI	CHINA	5,892.00	434.29	259.00	18,084,000.00
XIAMEN	CHINA	640.00	48.00	23.00	3,342,300.00
TIANJIN	CHINA	2,450.00	100.44	39.00	4,801,000.00
YANTIAN	CHINA	2,350.00	118.00	21.00	7,355,459.00
BUSAN	COREA	12,090.00	382.36	129.00	11,843,151.00
KWANGYANG	COREA	3,700.00	137.50	47.00	1,441,261.00
GUAYAQUIL	ECUADOR	1,515.00	23.50	5.00	567,808.00
ACAJUTLA	EL SALVADOR	958.00	10.50	3.00	103,483.00
PUERTO QUETZAL	GUATEMALA	400.00	47.80	3.00	240,513.00
HONG KONG KCTY	HONG KONG	7,694.00	275.00	90.00	22,602,000.00
HONG KONG RTT	HONG KONG	3,000.00	65.00	30.00	5,061,000.00
YOKOHAMA	JAPÓN	5,830.00	210.63	82.00	2,873,276.00
ENSENADA	MÉXICO	300.00	14.42	8.00	79,003.00
LÁZ CÁRDENAS	MÉXICO	286.00	18.50	6.00	132,479.00
MANZANILLO	MÉXICO	2,205.00	31.80	20.00	873,976.00
BALBOA	PANAMÁ	1,511.00	18.20	30.00	663,762.00
CALLAO	PERÚ	4,000.00	44.11	5.00	887,035.00
SINGAPUR	SINGAPUR	6,565.00	339.00	471.00	23,192,200.00
KAOSIUNG	TAIWAN	6,711.00	142.14	40.00	9,471,056.00
KEELUNG	TAIWAN	3,192.00	33.90	25.00	2,091,458.00
LONG BEACH	USA	6,186.00	483.58	79.00	6,709,818.00
LOS ANGELES	USA	9,002.00	616.12	103.00	7,484,624.00
OAKLAND	USA	6,403.00	275.20	56.00	2,273,990.00
SEATTLE	USA	4,055.00	203.68	25.00	2,087,929.00
TACOMA	USA	3,403.00	242.30	26.00	2,066,446.00
PORTLAND	USA	1,616.00	62.83	16.00	160,479.00

Fuente: *Containerisation International Yearbook* (2006).

Cuadro 8. Datos *input* y *output* de los puertos de contenedores de la Cuenca del Pacífico 2006

DMU	País	Inputs (X)			Output (Y)
		LM	ST	GP	TEU
BRISBANE	AUSTRALIA	2,124.00	80.61	13.00	940,758.00
VANCOUVER	CANADÁ	4,019.00	158.33	53.00	2,207,730.00
ANTOFAGASTA	CHILE	1,230.00	1.50	17.00	49,966.00
IQUIQUE	CHILE	3,143.00	53.80	10.00	226,397.00
SAN ANTONIO	CHILE	1,155.00	48.26	10.00	676,300.00
VALPARAISO	CHILE	2,993.00	54.00	21.00	614,841.00
QINGDAO	CHINA	5,100.00	113.60	122.00	6,770,003.00
SHANGHAI	CHINA	7,542.00	616.99	343.00	21,710,000.00
XIAMEN	CHINA	640.00	48.00	23.00	4,018,700.00
TIANJIN	CHINA	2,450.00	100.44	39.00	5,950,000.00
YANTIAN	CHINA	2,350.00	118.00	30.00	8,470,919.00
BUSAN	COREA	12,610.00	392.24	133.00	12,030,000.00
KWANGYANG	COREA	3,700.00	137.30	48.00	1,755,813.00
GUAYAQUIL	ECUADOR	1,515.00	23.50	5.00	603,693.00
ACAJUTLA	EL SALVADOR	958.00	10.50	3.00	123,329.00
PUERTO QUETZAL	GUATEMALA	400.00	47.80	4.00	268,709.00
HONG KONG KCTY	HONG KONG	7,694.00	275.00	90.00	23,539,000.00
HONG KONG RTT	HONG KONG	3,000.00	65.00	30.00	7,528,000.00
YOKOHAMA	JAPÓN	4,950.00	191.13	71.00	3,199,882.00
ENSENADA	MÉXICO	300.00	14.42	7.00	127,941.00
LÁZ CÁRDENAS	MÉXICO	286.00	18.50	6.00	160,696.00
MANZANILLO	MÉXICO	2,205.00	31.80	20.00	1,249,630.00
BALBOA	PANAMÁ	1,511.00	18.20	36.00	988,583.00
CALLAO	PERÚ	4,000.00	44.10	5.00	938,119.00
SINGAPUR	SINGAPUR	6,565.00	259.00	473.00	24,792,400.00
KAOHSIUNG	TAIWAN	6,714.00	142.14	41.00	9,774,670.00
KEELUNG	TAIWAN	3,192.00	33.90	25.00	2,128,816.00
LONG BEACH	USA	6,888.00	488.92	89.00	7,290,365.00
LOS ANGELES	USA	9,278.00	572.77	133.00	8,469,853.00
OAKLAND	USA	6,881.00	307.70	50.00	2,391,745.00
SEATTLE	USA	3,307.00	203.00	26.00	1,987,360.00
TACOMA	USA	2,884.00	196.00	28.00	2,067,186.00
PORTLAND	USA	1,616.00	62.83	17.00	214,484.00

Fuente: *Containerisation International Yearbook* (2007).

Cuadro 9. Datos *input* y *output* de los puertos de contenedores de la Cuenca del Pacífico 2007

DMU	País	Inputs (X)			Output (Y)
		LM	ST	GP	TEU
BRISBANE	AUSTRALIA	2,124.00	80.60	14.00	1,000,066.00
VANCOUVER	CANADÁ	4,019.00	158.33	60.00	2,307,289.00
ANTOFAGASTA	CHILE	1,230.00	1.50	17.00	72,365.00
IQUIQUE	CHILE	3,143.00	5.38	10.00	263,451.00
SAN ANTONIO	CHILE	1,155.00	48.26	11.00	650,697.00
VALPARAISO	CHILE	1,613.00	46.00	20.00	845,234.00
QINGDAO	CHINA	5,100.00	113.60	122.00	9,462,000.00
SHANGHAI	CHINA	9,142.00	857.48	497.00	26,150,000.00
XIAMEN	CHINA	640.00	48.00	23.00	4,627,000.00
TIANJIN	CHINA	3,472.00	129.24	86.00	7,103,000.00
YANTIAN	CHINA	3,996.00	118.00	44.00	9,368,696.00
BUSAN	COREA	7,473.00	419.83	139.00	13,270,000.00
KWANGYANG	COREA	3,700.00	137.30	48.00	1,706,291.00
GUAYAQUIL	ECUADOR	1,480.00	115.40	5.00	597,622.00
ACAJUTLA	EL SALVADOR	958.00	10.50	3.00	144,458.00
PUERTO QUETZAL	GUATEMALA	400.00	47.80	4.00	272,482.00
HONG KONG KCTY	HONG KONG	7,694.00	279.00	97.00	23,998,000.00
HONG KONG RTT	HONG KONG	3,000.00	65.00	27.00	7,085,000.00
YOKOHAMA	JAPÓN	5,680.00	209.53	86.00	3,428,112.00
ENSENADA	MÉXICO	300.00	14.42	7.00	127,271.00
LÁZ CÁRDENAS	MÉXICO	286.00	18.50	6.00	270,240.00
MANZANILLO	MÉXICO	2,205.00	31.80	24.00	1,409,614.00
BALBOA	PANAMÁ	1,511.00	18.20	30.00	1,833,778.00
CALLAO	PERÚ	4,000.00	44.10	5.00	1,022,246.00
SINGAPUR	SINGAPUR	6,565.00	436.00	143.00	27,932,000.00
KAOSIUNG	TAIWAN	6,714.00	142.14	41.00	10,256,829.00
KEELUNG	TAIWAN	3,192.00	33.90	25.00	2,215,484.00
LONG BEACH	USA	7,902.00	488.92	93.00	7,312,465.00
LOS ANGELES	USA	9,278.00	647.73	133.00	8,335,039.00
OAKLAND	USA	6,869.00	307.70	54.00	2,387,911.00
SEATTLE	USA	3,423.00	203.00	31.00	1,973,504.00
TACOMA	USA	2,884.00	224.51	28.00	1,924,934.00
PORTLAND	USA	1,616.00	62.83	17.00	260,128.00

Fuente: *Containerisation International Yearbook* (2008).

Cuadro 10. Datos *input* y *output* de los puertos de contenedores de la Cuenca del Pacífico 2008

DMU	País	Inputs (X)			Output (Y)
		LM	ST	GP	TEU
BRISBANE	AUSTRALIA	2,114.00	80.60	15.00	952,678.00
VANCOUVER	CANADÁ	3,974.00	158.33	50.00	2,492,107.00
ANTOFAGASTA	CHILE	1,230.00	1.50	16.00	76,685.00
IQUIQUE	CHILE	2,528.00	5.38	4.00	334,326.00
SAN ANTONIO	CHILE	1,155.00	48.26	7.00	687,864.00
VALPARAISO	CHILE	985.00	16.00	16.00	946,847.00
QINGDAO	CHINA	3,400.00	225.00	144.00	8,715,098.00
SHANGHAI	CHINA	9,142.00	812.00	515.00	28,006,000.00
XIAMEN	CHINA	1,633.00	48.00	30.00	5,035,000.00
TIANJIN	CHINA	3,472.00	129.24	65.00	7,103,000.00
YANTIAN	CHINA	3,750.00	208.00	203.00	9,683,493.00
BUSAN	COREA	12,610.00	441.25	192.00	10,294,589.00
KWANGYANG	COREA	3,700.00	137.30	48.00	1,810,048.00
GUAYAQUIL	ECUADOR	555.00	21.60	3.00	874,955.00
ACAJUTLA	EL SALVADOR	958.00	10.50	3.00	156,323.00
PUERTO QUETZAL	GUATEMALA	400.00	47.80	4.00	305,414.00
HONG KONG KCTY	HONG KONG	7,804.00	279.00	97.00	17,726,000.00
HONG KONG RTT	HONG KONG	3,000.00	65.00	27.00	2,200,000.00
YOKOHAMA	JAPÓN	4,910.00	209.50	90.00	3,481,492.00
ENSENADA	MÉXICO	300.00	14.42	7.00	121,418.00
LÁZ CÁRDENAS	MÉXICO	886.00	56.40	17.00	524,791.00
MANZANILLO	MÉXICO	2,205.00	31.80	24.00	1,409,782.00
BALBOA	PANAMÁ	1,819.36	182.00	62.00	2,167,977.00
CALLAO	PERÚ	3,646.64	24.33	5.00	1,203,315.00
SINGAPUR	SINGAPUR	16,000.00	600.00	190.00	29,918,200.00
KAOHSIUNG	TAIWAN	6,897.00	142.00	41.00	9,676,554.00
KEELUNG	TAIWAN	3,516.00	49.50	29.00	2,055,258.00
LONG BEACH	USA	8,392.00	547.90	71.00	6,487,816.00
LOS ANGELES	USA	8,831.58	682.30	68.00	7,849,985.00
OAKLAND	USA	6,949.70	307.70	45.00	2,233,533.00
SEATTLE	USA	3,761.00	216.93	24.00	1,704,492.00
TACOMA	USA	2,884.00	224.50	30.00	1,861,358.00
PORTLAND	USA	1,616.00	62.83	20.00	245,459.00

Fuente: *Containerisation International Yearbook* (2009).