

netben-opt: quality crewplanning-numeric — IPC 2008

no	gamer	hspsp	mips-xxl	BEST
01	2100 1.00	2100 1.00	2100 1.00	2100
02	1988 1.00	1988 1.00	1988 1.00	1988
03	uns.	2160 1.00	2160 1.00	2160
04	uns.	2042 1.00	2042 1.00	2042
05	uns.	2146 1.00	2146 1.00	2146
06	2146 1.00	2146 1.00	2146 1.00	2146
07	2072 1.00	2072 1.00	2072 1.00	2072
08	uns.	2150 1.00	2150 1.00	2150
09	uns.	uns.	uns.	—
10	uns.	uns.	uns.	—
11	uns.	uns.	uns.	—
12	uns.	uns.	uns.	—
13	uns.	1306 1.00	uns.	1306
14	uns.	uns.	uns.	—
15	uns.	uns.	uns.	—
16	uns.	uns.	uns.	—
17	uns.	4472 1.00	uns.	4472
18	uns.	4446 1.00	uns.	4446
19	uns.	4562 1.00	uns.	4562
20	uns.	4645 1.00	uns.	4645
21	uns.	4264 1.00	uns.	4264
22	uns.	4578 1.00	uns.	4578
23	uns.	uns.	uns.	—
24	uns.	4638 1.00	uns.	4638
25	uns.	uns.	uns.	—
26	uns.	uns.	uns.	—
27	uns.	uns.	uns.	—
28	uns.	uns.	uns.	—
29	uns.	uns.	uns.	—
30	uns.	uns.	uns.	—
total	4.00	16.00	8.00	

netben-opt: quality elevators-numeric — IPC 2008

no	gamer	hspsp	mips-xxl	BEST
01	³³ 1.00	—	³³ 1.00	33
02	⁶⁰ 1.00	—	⁶⁰ 1.00	60
03	²¹ 1.00	—	²¹ 1.00	21
04	⁷³ 1.00	—	uns.	73
05	²¹⁹ 1.00	—	uns.	219
06	uns.	—	uns.	—
07	uns.	—	uns.	—
08	uns.	—	uns.	—
09	uns.	—	uns.	—
10	uns.	—	uns.	—
11	⁵⁶⁴ 1.00	—	uns.	564
12	³⁶ 1.00	—	³⁶ 1.00	36
13	⁵⁷⁷ 1.00	—	uns.	577
14	uns.	—	uns.	—
15	uns.	—	uns.	—
16	uns.	—	uns.	—
17	uns.	—	uns.	—
18	uns.	—	uns.	—
19	uns.	—	uns.	—
20	uns.	—	uns.	—
21	¹¹⁴ 1.00	—	uns.	114
22	⁵²⁶ 1.00	—	uns.	526
23	uns.	—	uns.	—
24	uns.	—	uns.	—
25	uns.	—	uns.	—
26	²⁵ 1.00	—	uns.	25
27	uns.	—	uns.	—
28	uns.	—	uns.	—
29	uns.	—	uns.	—
30	uns.	—	uns.	—
total	11.00	0.00	4.00	

netben-opt: quality elevators-strips — IPC 2008

no	gamer	hspsp	mips-xxl	BEST
01	³³ 1.00	³³ 1.00	³³ 1.00	33
02	⁶⁰ 1.00	⁶⁰ 1.00	⁶⁰ 1.00	60
03	²¹ 1.00	uns.	²¹ 1.00	21
04	⁷³ 1.00	⁷³ 1.00	uns.	73
05	uns.	uns.	uns.	219
06	uns.	uns.	uns.	—
07	uns.	uns.	uns.	—
08	uns.	uns.	uns.	—
09	uns.	uns.	uns.	—
10	uns.	uns.	uns.	—
11	⁵⁶⁴ 1.00	uns.	uns.	564
12	³⁶ 1.00	³⁶ 1.00	³⁶ 1.00	36
13	⁵⁷⁷ 1.00	uns.	uns.	577
14	uns.	uns.	uns.	—
15	uns.	uns.	uns.	—
16	uns.	uns.	uns.	—
17	uns.	uns.	uns.	—
18	uns.	uns.	uns.	—
19	uns.	uns.	uns.	—
20	uns.	uns.	uns.	—
21	¹¹⁴ 1.00	¹¹⁴ 1.00	uns.	114
22	⁵²⁶ 1.00	uns.	uns.	526
23	uns.	uns.	uns.	—
24	uns.	uns.	uns.	—
25	uns.	uns.	uns.	—
26	²⁵ 1.00	uns.	uns.	25
27	uns.	uns.	uns.	—
28	uns.	uns.	uns.	—
29	uns.	uns.	uns.	—
30	uns.	uns.	uns.	—
total	10.00	5.00	4.00	

netben-opt: quality openstacks-adl — IPC 2008

no	gamer	hspsp	mips-xxl	BEST
01	—	⁸ 1.00	—	8
02	—	¹⁴ 1.00	—	14
03	—	²⁰ 1.00	—	20
04	—	²⁶ 1.00	—	26
05	—	uns.	—	31
06	—	⁴⁰ 1.00	—	40
07	—	uns.	—	49
08	—	uns.	—	—
09	—	uns.	—	—
10	—	uns.	—	—
11	—	uns.	—	—
12	—	uns.	—	—
13	—	uns.	—	—
14	—	uns.	—	—
15	—	uns.	—	—
16	—	uns.	—	—
17	—	uns.	—	—
18	—	uns.	—	—
19	—	uns.	—	—
20	—	uns.	—	—
21	—	uns.	—	—
22	—	uns.	—	—
23	—	uns.	—	—
24	—	uns.	—	—
25	—	uns.	—	—
26	—	uns.	—	—
27	—	uns.	—	—
28	—	uns.	—	—
29	—	uns.	—	—
30	—	uns.	—	—
total	0.00	5.00	0.00	

netben-opt: quality openstacks-stripsneg — IPC 2008

no	gamer	hspsp	mips-xxl	BEST
01	⁸ 1.00	⁸ 1.00	⁸ 1.00	8
02	¹⁴ 1.00	¹⁴ 1.00	¹⁴ 1.00	14
03	²⁰ 1.00	uns.	uns.	20
04	²⁶ 1.00	uns.	uns.	26
05	³¹ 1.00	uns.	uns.	31
06	⁴⁰ 1.00	uns.	uns.	40
07	⁴⁹ 1.00	uns.	uns.	49
08	uns.	uns.	uns.	—
09	uns.	uns.	uns.	—
10	uns.	uns.	uns.	—
11	uns.	uns.	uns.	—
12	uns.	uns.	uns.	—
13	uns.	uns.	uns.	—
14	uns.	uns.	uns.	—
15	uns.	uns.	uns.	—
16	uns.	uns.	uns.	—
17	uns.	uns.	uns.	—
18	uns.	uns.	uns.	—
19	uns.	uns.	uns.	—
20	uns.	uns.	uns.	—
21	uns.	uns.	uns.	—
22	uns.	uns.	uns.	—
23	uns.	uns.	uns.	—
24	uns.	uns.	uns.	—
25	uns.	uns.	uns.	—
26	uns.	uns.	uns.	—
27	uns.	uns.	uns.	—
28	uns.	uns.	uns.	—
29	uns.	uns.	uns.	—
30	uns.	uns.	uns.	—
total	7.00	2.00	2.00	

netben-opt: quality pegsol-strips — IPC 2008

no	gamer	hspsp	mips-xxl	BEST
01	₅ 1.00	uns.	₅ 1.00	5
02	₃₆ 1.00	uns.	₃₆ 1.00	36
03	₅ 1.00	uns.	₅ 1.00	5
04	₃₆ 1.00	uns.	₃₆ 1.00	36
05	₇ 1.00	uns.	₇ 1.00	7
06	₅₃ 1.00	uns.	₅₃ 1.00	53
07	uns.	uns.	₇ 1.00	7
08	uns.	uns.	₃₉ 1.00	39
09	₈ 1.00	uns.	₈ 1.00	8
10	₅₂ 1.00	uns.	₅₂ 1.00	52
11	₁₀ 1.00	uns.	₁₀ 1.00	10
12	₅₈ 1.00	uns.	₅₈ 1.00	58
13	₁₁ 1.00	uns.	₁₁ 1.00	11
14	₇₃ 1.00	uns.	₇₃ 1.00	73
15	₁₃ 1.00	uns.	₁₃ 1.00	13
16	₉₃ 1.00	uns.	uns.	93
17	₁₃ 1.00	uns.	₁₃ 1.00	13
18	₅₈ 1.00	uns.	₅₈ 1.00	58
19	₁₅ 1.00	uns.	₁₅ 1.00	15
20	₇₆ 1.00	uns.	uns.	76
21	₁₇ 1.00	uns.	₁₇ 1.00	17
22	₈₅ 1.00	uns.	₈₅ 1.00	85
23	₁₇ 1.00	uns.	₁₇ 1.00	17
24	₁₀₉ 1.00	uns.	uns.	109
25	₁₈ 1.00	uns.	₁₈ 1.00	18
26	₉₅ 1.00	uns.	uns.	95
27	uns.	uns.	₂₀ 1.00	20
28	uns.	uns.	uns.	—
29	uns.	uns.	uns.	—
30	uns.	uns.	uns.	—
total	24.00	0.00	23.00	

netben-opt: quality transport-numeric — IPC 2008

no	gamer	hspsp	mips-xxl	BEST
01	¹⁴⁶ 1.00	¹⁴⁶ 1.00	¹⁴⁶ 1.00	146
02	⁵⁹ 1.00	⁵⁹ 1.00	⁵⁹ 1.00	59
03	¹⁴³ 1.00	¹⁴³ 1.00	¹⁴³ 1.00	143
04	⁷⁶ 1.00	⁷⁶ 1.00	uns.	76
05	uns.	uns.	uns.	—
06	uns.	uns.	uns.	—
07	uns.	uns.	uns.	—
08	uns.	uns.	uns.	—
09	uns.	uns.	uns.	—
10	uns.	uns.	uns.	—
11	²³¹ 1.00	²³¹ 1.00	²³¹ 1.00	231
12	²⁶ 1.00	²⁶ 1.00	²⁶ 1.00	26
13	¹⁸⁸ 1.00	¹⁸⁸ 1.00	¹⁸⁸ 1.00	188
14	¹⁴³ 1.00	¹⁴³ 1.00	¹⁴³ 1.00	143
15	uns.	uns.	uns.	—
16	¹⁷⁸ 1.00	¹⁷⁸ 1.00	uns.	178
17	uns.	uns.	uns.	—
18	uns.	uns.	uns.	—
19	uns.	uns.	uns.	—
20	uns.	uns.	uns.	—
21	²³⁹ 1.00	²³⁹ 1.00	²³⁹ 1.00	239
22	²³⁷ 1.00	²³⁷ 1.00	²³⁷ 1.00	237
23	³⁵¹ 1.00	³⁵¹ 1.00	uns.	351
24	uns.	uns.	uns.	—
25	uns.	uns.	uns.	—
26	uns.	uns.	uns.	—
27	uns.	uns.	uns.	—
28	uns.	uns.	uns.	—
29	uns.	uns.	uns.	—
30	uns.	uns.	uns.	—
total	12.00	12.00	9.00	

netben-opt: quality woodworking-numeric — IPC 2008

no	gamer	hspsp	mips-xxl	BEST
01	¹³ 1.00	¹³ 1.00	¹³ 1.00	13
02	³² 1.00	³² 1.00	³² 1.00	32
03	⁵⁹ 1.00	⁵⁹ 1.00	⁵⁹ 1.00	59
04	⁹⁸ 1.00	⁹⁸ 1.00	⁹⁸ 1.00	98
05	¹⁰¹ 1.00	¹⁰¹ 1.00	¹⁰¹ 1.00	101
06	⁹⁸ 1.00	⁹⁸ 1.00	⁹⁸ 1.00	98
07	¹²⁴ 1.00	¹²⁴ 1.00	¹²⁴ 1.00	124
08	⁸⁸ 1.00	uns.	uns.	88
09	uns.	uns.	uns.	—
10	uns.	uns.	uns.	—
11	²⁴¹ 1.00	²⁴¹ 1.00	uns.	241
12	³⁴² 1.00	³⁴² 1.00	uns.	342
13	uns.	uns.	uns.	—
14	uns.	uns.	uns.	—
15	uns.	uns.	uns.	—
16	uns.	uns.	uns.	—
17	uns.	uns.	uns.	—
18	uns.	uns.	uns.	—
19	uns.	uns.	uns.	—
20	uns.	uns.	uns.	—
21	¹⁵ 1.00	¹⁵ 1.00	¹⁵ 1.00	15
22	⁷⁸ 1.00	⁷⁸ 1.00	⁷⁸ 1.00	78
23	¹³³ 1.00	uns.	uns.	133
24	uns.	uns.	uns.	—
25	uns.	uns.	uns.	—
26	uns.	uns.	uns.	—
27	uns.	uns.	uns.	—
28	uns.	uns.	uns.	—
29	uns.	uns.	uns.	—
30	uns.	uns.	uns.	—
total	13.00	11.00	9.00	

netben-opt: quality overall — IPC 2008

formulation	gamer	hspsp	mips-xxl
crewplanning-numeric	4.00	16.00	8.00
elevators-numeric	11.00	—	4.00
elevators-strips	(10.00)	5.00	(4.00)
openstacks-adl	—	5.00	—
openstacks-stripsneg	7.00	(2.00)	2.00
pegsol-strips	24.00	0.00	23.00
transport-numeric	12.00	12.00	9.00
woodworking-numeric	13.00	11.00	9.00
overall	71.00	49.00	55.00