



## Statistical tables for microplates

4 dilutions (24 wells/dilution)

## Tables statistiques pour microplaques

4 dilutions (24 puits/dilution)

**For the determination of the most probable number (MPN) of bacteria present in 1 ml of water**

Fresh surface waters

**Pour la détermination du nombre le plus probable (NPP) de bactéries présentes dans 1 ml d'eau**

Eaux douces superficielles



**355-3782 / 355-3783**

**355-3785 / 355-3786**

**BIO-RAD**



Statistical tables for microplates

4 dilutions (24 wells/dilution)

Tables statistiques pour microplaques

4 dilutions (24 puits/dilution)

**STATISTICAL TABLE (4 dilutions):**

Give the **Most Probable Number (MPN)** of bacteria per 100 ml water

**TABLE STATISTIQUE (4 dilutions):**

Donne le **Nombre le Plus Probable (NPP)** de bactéries par 100 ml d'eau

**TABLA ESTADISTICA (4 diluciones):**

Valorar el **Numéro Más Probable (NMP)** de bacterias presentes por 100 ml de agua

**STATISTISCHE TABELLEN (4 Verdünnungen):**

Gibt die wahrscheinliche Anzahl (**MPN**) von Bakterien in 100 ml Wasser an

**TABELLA STATISTICA (4 diluzioni):**

Permettono di valutare il **Numero Più Probabile (NPP)** di batteri presenti in 100 ml di acqua

**NC** : **N**ombre **C**aractéristique / **N**úmero **C**aracterístico /  
**N**umero **C**aratteristico

**LI** : **L**imite **I**nférieure / **L**ímite **I**nferior / **L**imite **I**nferiore

**LS** : **L**imite **S**upérieure / **L**ímite **S**uperior / **L**imite **S**uperiore

**CN** : **C**haracteristic **N**umber

**LO** : **L**ower Limit

**UP** : **U**pper Limit

**CZ** : **C**harakteristische **Z**ahl

**UG** : **U**nterer **G**renzwert

**OG** : **O**berer **G**renzwert

**BIO-RAD**



# Statistical tables for microplates

4 dilutions (24 wells/dilution)

# Tables statistiques pour microplaques

4 dilutions (24 puits/dilution)

## BEFORE READING

Ensure that you have chosen the appropriate statistical table according to the type of water and/or the presumed level of contamination of the water to be tested.

## READING

Place each microplate in the UV observation chamber (code 355-0717 + Wood lamp code 355-0718) at  $\lambda = 366$  nm.

Consider all wells in which turbidity and blue fluorescence are observed as being positive. The reading may also be taken after 36 hours as fluorescence doesn't change with time (maximum 72 hours).

## MPN CALCULATION

The statistical table provided allows determination of the Most Probable Number within a 95% confidence interval, with a Lower limit and an Upper limit.

**MPN:** Most Probable Number

**LO:** Lower Limit

**UP:** Upper Limit

## Determination of Characteristic Number

For each chosen dilution note the number of positive wells.

When 3 or more dilutions have been inoculated, a Characteristic Number (CN) of 3 figures ending in 0 will be retained. In all cases, the lowest characteristic number has to be chosen.

## For example: Surface water analysis

MPN<sub>sample</sub> is estimated with the following formula:

$$\text{MPN}_{\text{sample}} = \text{MPN}_{\text{table}} \times d \times 100^*$$

\* MPN given from table 4 dilutions enables the calculation of the MPN of bacteria/ml of water. So to express the result/100 ml, a factor 100 has to be applied.

Dilution	Factor of dilution (d)	Number of positive well(s)
1/2	1	24/24
1/20	10	12/24
1/200	100	9/24
1/2,000	1,000	0/24

• MPN<sub>sample</sub> :

- Record 12/9/0 = CN.

- Using the Table for 4 dilutions, CN = 12/9/0 corresponds to MPN<sub>table</sub> = 10.99 bacteria/1 ml.

• d corresponds to the factor of dilution employed, picked out from the first digit of CN.

=> In the current example: d = 10.

The final results (MPN, LO and UP) in this example are:

$$\begin{aligned} \text{MPN}_{\text{sample}} &= 10.99 \times 10 \times 100 = 10,990 \text{ bacteria/100 ml} \\ \text{LO} &= 6,860 \text{ bacteria/100 ml} \\ \text{UP} &= 17,620 \text{ bacteria/100 ml} \end{aligned}$$



CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
0/24	0/24	1/24	.38	.05	2.71
0/24	0/24	2/24	.75	.18	3.08
0/24	1/24	0/24	.38	.05	2.71
0/24	1/24	1/24	.75	.18	3.08
0/24	1/24	2/24	1.13	.35	3.6
0/24	2/24	0/24	.75	.18	3.08
0/24	2/24	1/24	1.13	.35	3.6
0/24	3/24	0/24	1.13	.36	3.61
0/24	3/24	1/24	1.51	.55	4.15
0/24	4/24	0/24	1.51	.55	4.16
1/24	0/24	0/24	.38	.05	2.71
1/24	0/24	1/24	.77	.19	3.09
1/24	0/24	2/24	1.15	.36	3.63
1/24	1/24	0/24	.77	.19	3.1
1/24	1/24	1/24	1.15	.36	3.63
1/24	1/24	2/24	1.53	.56	4.19
1/24	2/24	0/24	1.15	.37	3.63
1/24	2/24	1/24	1.54	.56	4.19
1/24	2/24	2/24	1.92	.78	4.75
1/24	3/24	0/24	1.54	.57	4.2
1/24	3/24	1/24	1.93	.78	4.76
1/24	4/24	0/24	1.93	.78	4.76
1/24	4/24	1/24	2.32	1.01	5.32
1/24	5/24	0/24	2.32	1.01	5.33
2/24	0/24	0/24	.78	.2	3.11
2/24	0/24	1/24	1.17	.37	3.66
2/24	0/24	2/24	1.56	.58	4.23
2/24	1/24	0/24	1.17	.38	3.66
2/24	1/24	1/24	1.57	.58	4.23
2/24	1/24	2/24	1.96	.8	4.8
2/24	2/24	0/24	1.57	.58	4.24
2/24	2/24	1/24	1.96	.8	4.81
2/24	2/24	2/24	2.35	1.03	5.38
2/24	3/24	0/24	1.96	.8	4.81
2/24	3/24	1/24	2.36	1.03	5.38
2/24	4/24	0/24	2.36	1.04	5.39
2/24	4/24	1/24	2.76	1.28	5.96
2/24	5/24	0/24	2.76	1.28	5.97

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
3/24	0/24	0/24	1.19	.39	3.7
3/24	0/24	1/24	1.59	.59	4.28
3/24	0/24	2/24	1.99	.82	4.86
3/24	0/24	3/24	2.39	1.05	5.44
3/24	1/24	0/24	1.6	.6	4.28
3/24	1/24	1/24	2	.82	4.86
3/24	1/24	2/24	2.4	1.6	5.44
3/24	2/24	0/24	2	.82	4.87
3/24	2/24	1/24	2.4	1.06	5.45
3/24	2/24	2/24	2.8	1.3	6.03
3/24	3/24	0/24	2.41	1.06	5.46
3/24	3/24	1/24	2.81	1.31	6.04
3/24	3/24	2/24	3.21	1.56	6.61
3/24	4/24	0/24	2.81	1.31	6.04
3/24	4/24	1/24	3.22	1.56	6.62
3/24	5/24	0/24	3.22	1.57	6.63
3/24	5/24	1/24	3.63	1.83	7.21
3/24	6/24	0/24	3.64	1.83	7.22
4/24	0/24	0/24	1.63	.61	4.32
4/24	0/24	1/24	2.04	.84	4.92
4/24	0/24	2/24	2.44	1.08	5.51
4/24	0/24	3/24	2.85	1.34	6.1
4/24	1/24	0/24	2.04	.84	4.92
4/24	1/24	1/24	2.45	1.09	5.52
4/24	1/24	2/24	2.86	1.34	6.11
4/24	1/24	3/24	3.27	1.6	6.69
4/24	2/24	0/24	2.45	1.09	5.52
4/24	2/24	1/24	2.86	1.34	6.11
4/24	2/24	2/24	3.28	1.6	6.7
4/24	3/24	0/24	2.87	1.35	6.12
4/24	3/24	1/24	3.28	1.61	6.71
4/24	3/24	2/24	3.7	1.87	7.3
4/24	4/24	0/24	3.29	1.61	6.72
4/24	4/24	1/24	3.7	1.88	7.31
4/24	4/24	2/24	4.12	2.15	7.9
4/24	5/24	0/24	3.71	1.88	7.32
4/24	5/24	1/24	4.12	2.15	7.91
4/24	6/24	0/24	4.13	2.16	7.92
5/24	0/24	0/24	2.08	.87	4.98
5/24	0/24	1/24	2.5	1.12	5.58

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
5/24	0/24	2/24	2.92	1.37	6.19
5/24	0/24	3/24	3.34	1.64	6.79
5/24	1/24	0/24	2.5	1.12	5.59
5/24	1/24	1/24	2.92	1.38	6.2
5/24	1/24	2/24	3.34	1.64	6.8
5/24	1/24	3/24	3.76	1.91	7.4
5/24	2/24	0/24	2.93	1.38	6.2
5/24	2/24	1/24	3.35	1.65	6.81
5/24	2/24	2/24	3.77	1.92	7.41
5/24	3/24	0/24	3.35	1.65	6.81
5/24	3/24	1/24	3.78	1.92	7.42
5/24	3/24	2/24	4.2	2.2	8.02
5/24	4/24	0/24	3.78	1.93	7.43
5/24	4/24	1/24	4.21	2.21	8.03
5/24	4/24	2/24	4.63	2.49	8.63
5/24	5/24	0/24	4.22	2.21	8.04
5/24	5/24	1/24	4.64	2.49	8.64
5/24	6/24	0/24	4.65	2.5	8.65
5/24	6/24	1/24	5.08	2.79	9.26
5/24	7/24	0/24	5.09	2.79	9.27
6/24	0/24	0/24	2.55	1.15	5.66
6/24	0/24	1/24	2.98	1.41	6.28
6/24	0/24	2/24	3.41	1.69	6.89
6/24	0/24	3/24	3.84	1.97	7.51
6/24	1/24	0/24	2.99	1.42	6.29
6/24	1/24	1/24	3.42	1.69	6.9
6/24	1/24	2/24	3.85	1.97	7.52
6/24	1/24	3/24	4.28	2.25	8.13
6/24	2/24	0/24	3.42	1.7	6.91
6/24	2/24	1/24	3.86	1.98	7.53
6/24	2/24	2/24	4.29	2.26	8.14
6/24	2/24	3/24	4.72	2.55	8.75
6/24	3/24	0/24	3.86	1.98	7.54
6/24	3/24	1/24	4.3	2.27	8.15
6/24	3/24	2/24	4.73	2.55	8.77
6/24	4/24	0/24	4.31	2.27	8.16
6/24	4/24	1/24	4.74	2.56	8.78
6/24	4/24	2/24	5.18	2.85	9.4
6/24	5/24	0/24	4.75	5.57	8.79
6/24	5/24	1/24	5.19	2.86	9.41
6/24	5/24	2/24	5.63	3.16	10.03

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
6/24	6/24	0/24	5.2	2.87	9.43
6/24	6/24	1/24	5.64	3.17	10.05
6/24	7/24	0/24	5.65	3.17	10.06
7/24	0/24	0/24	3.05	1.46	6.38
7/24	0/24	1/24	3.49	1.74	7.01
7/24	0/24	2/24	3.93	2.02	7.63
7/24	0/24	3/24	4.37	2.31	8.26
7/24	1/24	0/24	3.5	1.74	7.02
7/24	1/24	1/24	3.94	2.03	7.64
7/24	1/24	2/24	4.38	2.32	8.27
7/24	1/24	3/24	4.83	2.62	8.9
7/24	2/24	0/24	3.95	2.03	7.65
7/24	2/24	1/24	4.39	2.33	8.28
7/24	2/24	2/24	4.84	2.62	8.91
7/24	2/24	3/24	5.28	2.92	9.54
7/24	3/24	0/24	4.4	2.33	8.3
7/24	3/24	1/24	4.85	2.63	8.93
7/24	3/24	2/24	5.29	2.93	9.56
7/24	3/24	3/24	5.74	3.24	10.19
7/24	4/24	0/24	4.86	2.64	8.94
7/24	4/24	1/24	5.3	2.94	9.57
7/24	4/24	2/24	5.75	3.24	10.21
7/24	5/24	0/24	5.31	2.95	9.59
7/24	5/24	1/24	5.77	3.25	10.22
7/24	5/24	2/24	6.22	3.56	10.86
7/24	6/24	0/24	5.78	3.26	10.24
7/24	6/24	1/24	6.23	3.57	10.88
7/24	7/24	0/24	6.24	3.58	10.89
7/24	7/24	1/24	6.7	3.89	11.54
8/24	0/24	0/24	3.57	1.79	7.12
8/24	0/24	1/24	4.02	2.08	7.77
8/24	0/24	2/24	4.48	2.38	8.41
8/24	0/24	3/24	4.93	2.69	9.05
8/24	1/24	0/24	4.03	2.09	7.78
8/24	1/24	1/24	4.49	2.39	8.42
8/24	1/24	2/24	4.94	2.7	9.07
8/24	1/24	3/24	5.4	3	9.71
8/24	2/24	0/24	4.5	2.4	8.43
8/24	2/24	1/24	4.95	2.7	9.08
8/24	2/24	2/24	5.41	3.01	9.73
8/24	2/24	3/24	5.87	3.32	10.37

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
8/24	3/24	0/24	4.96	2.71	9.09
8/24	3/24	1/24	5.42	3.02	9.74
8/24	3/24	2/24	5.89	3.33	10.39
8/24	3/24	3/24	6.35	3.65	11.04
8/24	4/24	0/24	5.44	3.03	9.76
8/24	4/24	1/24	5.9	3.34	10.41
8/24	4/24	2/24	6.36	3.66	11.06
8/24	5/24	0/24	5.91	3.35	10.43
8/24	5/24	1/24	6.38	3.67	11.08
8/24	5/24	2/24	6.84	3.99	11.74
8/24	6/24	0/24	6.39	3.68	11.1
8/24	6/24	1/24	6.86	4	11.76
8/24	7/24	0/24	6.87	4.01	11.78
8/24	7/24	1/24	7.34	4.33	12.44
8/24	8/24	0/24	7.36	4.34	12.46
9/24	0/24	0/24	4.12	2.15	7.91
9/24	0/24	1/24	4.59	2.46	8.56
9/24	0/24	2/24	5.06	2.77	9.23
9/24	0/24	3/24	5.53	3.09	9.89
9/24	1/24	0/24	4.6	2.47	8.58
9/24	1/24	1/24	5.07	2.78	9.24
9/24	1/24	2/24	5.54	3.1	9.9
9/24	1/24	3/24	6.01	3.42	10.57
9/24	2/24	0/24	5.08	2.79	9.26
9/24	2/24	1/24	5.55	3.11	9.92
9/24	2/24	2/24	6.02	3.43	10.59
9/24	2/24	3/24	6.5	3.75	11.26
9/24	3/24	0/24	5.56	3.11	9.94
9/24	3/24	1/24	6.04	3.44	10.6
9/24	3/24	2/24	6.51	3.76	11.28
9/24	3/24	3/24	6.99	4.09	11.95
9/24	4/24	0/24	6.05	3.45	10.62
9/24	4/24	1/24	6.53	3.77	11.3
9/24	4/24	2/24	7.01	4.1	11.97
9/24	4/24	3/24	7.49	4.43	12.65
9/24	5/24	0/24	6.54	3.78	11.32
9/24	5/24	1/24	7.02	4.11	11.99
9/24	5/24	2/24	7.5	4.45	12.67
9/24	6/24	0/24	7.04	4.12	12.01
9/24	6/24	1/24	7.52	4.46	12.69
9/24	6/24	2/24	8.01	4.79	13.38



CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
9/24	7/24	0/24	7.54	4.47	12.72
9/24	7/24	1/24	8.02	4.8	13.4
9/24	8/24	0/24	8.04	4.82	13.43
10/24	0/24	0/24	4.71	2.54	8.73
10/24	0/24	1/24	5.19	2.86	9.41
10/24	0/24	2/24	5.67	3.19	10.09
10/24	0/24	3/24	6.16	3.52	10.77
10/24	1/24	0/24	5.2	2.87	9.43
10/24	1/24	1/24	5.68	3.2	10.11
10/24	1/24	2/24	6.17	3.53	10.79
10/24	1/24	3/24	6.66	3.86	11.48
10/24	2/24	0/24	5.7	3.2	10.13
10/24	2/24	1/24	6.18	3.54	10.81
10/24	2/24	2/24	6.67	3.87	11.5
10/24	2/24	3/24	7.17	4.21	12.19
10/24	3/24	0/24	6.2	3.55	10.83
10/24	3/24	1/24	6.69	3.88	11.52
10/24	3/24	2/24	7.18	4.22	12.22
10/24	3/24	3/24	7.68	4.56	12.91
10/24	4/24	0/24	6.7	3.89	11.54
10/24	4/24	1/24	7.2	4.23	12.24
10/24	4/24	2/24	7.7	4.58	12.94
10/24	4/24	3/24	8.19	4.92	13.64
10/24	5/24	0/24	7.21	4.24	12.26
10/24	5/24	1/24	7.71	4.59	12.96
10/24	5/24	2/24	8.21	4.93	13.67
10/24	6/24	0/24	7.73	4.6	12.99
10/24	6/24	1/24	8.23	4.95	13.7
10/24	6/24	2/24	8.73	5.3	14.41
10/24	7/24	0/24	8.25	4.96	13.72
10/24	7/24	1/24	8.76	5.31	14.44
10/24	8/24	0/24	8.78	5.32	14.47
10/24	8/24	1/24	9.28	5.68	15.19
10/24	9/24	0/24	9.31	5.69	15.22
11/24	0/24	0/24	5.33	2.95	9.6
11/24	0/24	1/24	5.82	3.29	10.31
11/24	0/24	2/24	6.32	3.63	11.01
11/24	0/24	3/24	6.83	3.98	11.72
11/24	1/24	0/24	5.84	3.3	10.32
11/24	1/24	1/24	6.34	3.64	11.03
11/24	1/24	2/24	6.84	3.99	11.74

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
11/24	1/24	3/24	7.35	4.34	12.45
11/24	2/24	0/24	6.35	3.65	11.05
11/24	2/24	1/24	6.86	4	11.76
11/24	2/24	2/24	7.37	4.35	12.48
11/24	2/24	3/24	7.88	4.7	13.2
11/24	3/24	0/24	6.88	4.01	11.78
11/24	3/24	1/24	7.38	4.36	12.5
11/24	3/24	2/24	7.9	4.72	13.22
11/24	3/24	3/24	8.41	5.07	13.95
11/24	4/24	0/24	7.4	4.37	12.53
11/24	4/24	1/24	7.92	4.73	13.25
11/24	4/24	2/24	8.43	5.09	13.98
11/24	4/24	3/24	8.95	5.44	14.71
11/24	5/24	0/24	7.93	4.74	13.28
11/24	5/24	1/24	8.45	5.1	14.01
11/24	5/24	2/24	8.97	5.46	14.74
11/24	5/24	3/24	9.49	5.82	15.48
11/24	6/24	0/24	8.47	5.11	14.03
11/24	6/24	1/24	8.99	5.47	14.77
11/24	6/24	2/24	9.52	5.84	15.52
11/24	7/24	0/24	9.01	5.49	14.8
11/24	7/24	1/24	9.54	5.85	15.55
11/24	7/24	2/24	10.07	6.22	13.3
11/24	8/24	0/24	9.56	5.87	15.58
11/24	8/24	1/24	10.09	6.23	16.33
11/24	9/24	0/24	10.12	6.25	16.37
12/24	0/24	0/24	5.99	3.4	10.53
12/24	0/24	1/24	6.5	3.76	11.26
12/24	0/24	2/24	7.02	4.11	11.99
12/24	0/24	3/24	7.55	4.47	12.73
12/24	1/24	0/24	6.52	3.77	11.28
12/24	1/24	1/24	7.04	4.12	12.02
12/24	1/24	2/24	7.56	4.49	12.75
12/24	1/24	3/24	8.09	4.85	13.5
12/24	2/24	0/24	7.06	4.14	12.04
12/24	2/24	1/24	7.58	4.5	12.78
12/24	2/24	2/24	8.11	4.86	13.53
12/24	2/24	3/24	8.64	5.23	14.28
12/24	3/24	0/24	7.6	4.51	12.81
12/24	3/24	1/24	8.13	4.88	13.55
12/24	3/24	2/24	8.66	5.25	14.31
12/24	3/24	3/24	9.2	5.62	15.07

	CN/NC/CZ		MPN/NPP	LO/LI/UG	UP/LS/OG
12/24	4/24	0/24	8.15	4.89	13.58
12/24	4/24	1/24	8.68	5.26	14.34
12/24	4/24	2/24	9.22	5.63	15.1
12/24	4/24	3/24	9.76	6.01	15.87
12/24	5/24	0/24	8.71	5.28	14.37
12/24	5/24	1/24	9.25	5.65	15.13
12/24	5/24	2/24	9.79	6.02	15.9
12/24	5/24	3/24	10.33	6.4	16.68
12/24	6/24	0/24	9.27	5.66	15.16
12/24	6/24	1/24	9.81	6.04	15.94
12/24	6/24	2/24	10.36	6.42	16.72
12/24	6/24	3/24	10.91	6.8	17.5
12/24	7/24	0/24	9.84	6.06	15.97
12/24	7/24	1/24	10.38	6.44	16.75
12/24	7/24	2/24	10.94	6.82	17.54
12/24	8/24	0/24	10.41	6.46	16.79
12/24	8/24	1/24	10.96	6.84	17.58
12/24	8/24	2/24	11.52	7.22	18.38
12/24	9/24	0/24	10.99	6.86	17.62
12/24	9/24	1/24	11.55	7.24	18.43
12/24	10/24	0/24	11.58	7.26	18.47
13/24	0/24	0/24	6.69	3.89	11.53
13/24	0/24	1/24	7.23	4.26	12.29
13/24	0/24	2/24	7.77	4.63	13.05
13/24	0/24	3/24	8.32	5.01	13.82
13/24	1/24	0/24	7.25	4.27	12.31
13/24	1/24	1/24	7.79	4.64	13.08
13/24	1/24	2/24	8.34	5.02	13.85
13/24	1/24	3/24	8.89	5.4	14.63
13/24	1/24	4/24	9.44	5.79	15.41
13/24	2/24	0/24	7.81	4.66	13.1
13/24	2/24	1/24	8.36	5.04	13.88
13/24	2/24	2/24	8.91	5.42	14.66
13/24	2/24	3/24	9.47	5.8	15.45
13/24	2/24	4/24	10.03	6.19	16.24
13/24	3/24	0/24	8.38	5.05	13.91
13/24	3/24	1/24	8.93	5.43	14.69
13/24	3/24	2/24	9.49	5.82	15.48
13/24	3/24	3/24	10.05	6.21	16.28
13/24	3/24	4/24	10.62	6.6	17.08
13/24	4/24	0/24	8.96	5.45	14.72
13/24	4/24	1/24	9.52	5.84	15.52
13/24	4/24	2/24	10.08	6.23	16.32

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
13/24	4/24	3/24	10.64	6.62	17.12
13/24	5/24	0/24	9.54	5.85	15.55
13/24	5/24	1/24	10.1	6.24	16.35
13/24	5/24	2/24	10.67	6.64	17.16
13/24	5/24	3/24	11.24	7.03	17.98
13/24	6/24	0/24	10.13	6.26	16.39
13/24	6/24	1/24	10.7	6.65	17.2
13/24	6/24	2/24	11.27	7.05	18.03
13/24	6/24	3/24	11.85	7.45	18.86
13/24	7/24	0/24	10.73	6.67	17.24
13/24	7/24	1/24	11.3	7.07	18.07
13/24	7/24	2/24	11.88	7.47	18.9
13/24	8/24	0/24	11.33	7.09	18.11
13/24	8/24	1/24	11.91	7.49	18.95
13/24	8/24	2/24	12.5	7.89	19.79
13/24	9/24	0/24	11.95	7.51	18.99
13/24	9/24	1/24	12.53	7.92	19.84
13/24	10/24	0/24	12.57	7.94	19.89
14/24	0/24	0/24	7.46	4.41	12.6
14/24	0/24	1/24	8.02	4.8	13.39
14/24	0/24	2/24	8.58	5.19	14.19
14/24	0/24	3/24	9.15	5.59	15
14/24	1/24	0/24	8.04	4.81	13.42
14/24	1/24	1/24	8.61	5.21	14.22
14/24	1/24	2/24	9.18	5.6	15.04
14/24	1/24	3/24	9.75	6	15.85
14/24	1/24	4/24	10.33	6.4	16.68
14/24	2/24	0/24	8.63	5.22	14.26
14/24	2/24	1/24	9.2	5.62	15.07
14/24	2/24	2/24	9.78	6.02	15.89
14/24	2/24	3/24	10.36	6.42	16.72
14/24	2/24	4/24	10.95	6.83	17.56
14/24	3/24	0/24	9.23	5.64	15.1
14/24	3/24	1/24	9.81	6.04	15.93
14/24	3/24	2/24	10.39	6.44	16.76
14/24	3/24	3/24	10.98	6.85	17.6
14/24	3/24	4/24	11.57	7.26	18.46
14/24	4/24	0/24	9.83	6.05	15.96
14/24	4/24	1/24	10.42	6.46	16.8
14/24	4/24	2/24	11.01	6.87	17.65
14/24	4/24	3/24	11.6	7.28	18.5
14/24	4/24	4/24	12.2	7.69	19.37

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
14/24	5/24	0/24	10.45	6.48	16.84
14/24	5/24	1/24	11.04	6.89	17.69
14/24	5/24	2/24	11.64	7.3	18.55
14/24	5/24	3/24	12.24	7.71	19.42
14/24	6/24	0/24	11.07	6.91	17.73
14/24	6/24	1/24	11.67	7.32	18.59
14/24	6/24	2/24	12.27	7.74	19.47
14/24	6/24	3/24	12.88	8.15	20.35
14/24	7/24	0/24	11.7	7.34	18.64
14/24	7/24	1/24	12.31	7.76	19.52
14/24	7/24	2/24	12.92	8.18	20.4
14/24	7/24	3/24	13.53	8.6	21.3
14/24	8/24	0/24	12.34	7.78	19.57
14/24	8/24	1/24	12.95	8.2	20.46
14/24	8/24	2/24	13.57	8.62	21.36
14/24	9/24	0/24	12.99	8.23	20.51
14/24	9/24	1/24	13.61	8.65	21.41
14/24	9/24	2/24	14.24	9.07	22.33
14/24	10/24	0/24	13.65	8.68	21.47
14/24	10/24	1/24	14.28	9.1	22.39
15/24	0/24	0/24	8.28	4.98	13.76
15/24	0/24	1/24	8.87	5.39	14.6
15/24	0/24	2/24	9.46	5.8	15.44
15/24	0/24	3/24	10.06	6.21	16.29
15/24	1/24	0/24	8.89	5.4	14.63
15/24	1/24	1/24	9.49	5.82	15.48
15/24	1/24	2/24	10.09	6.23	16.33
15/24	1/24	3/24	10.7	6.65	17.2
15/24	1/24	4/24	11.31	7.08	18.08
15/24	2/24	0/24	9.51	5.84	15.51
15/24	2/24	1/24	10.12	6.25	16.37
15/24	2/24	2/24	10.73	6.67	17.24
15/24	2/24	3/24	11.34	7.1	18.12
15/24	2/24	4/24	11.96	7.52	19.02
15/24	3/24	0/24	10.15	6.27	16.41
15/24	3/24	1/24	10.76	6.69	17.29
15/24	3/24	2/24	11.37	7.12	18.17
15/24	3/24	3/24	11.99	7.55	19.07
15/24	3/24	4/24	12.62	7.98	19.97
15/24	4/24	0/24	10.79	6.72	17.33
15/24	4/24	1/24	11.41	7.14	18.22
15/24	4/24	2/24	12.03	7.57	19.12
15/24	4/24	3/24	12.66	8	20.03
15/24	4/24	4/24	13.29	8.44	20.95

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
15/24	5/24	0/24	11.44	7.16	18.26
15/24	5/24	1/24	12.06	7.59	19.17
15/24	5/24	2/24	12.7	8.03	20.08
15/24	5/24	3/24	13.33	8.46	21.01
15/24	5/24	4/24	13.98	8.9	21.95
15/24	6/24	0/24	12.1	7.62	19.22
15/24	6/24	1/24	12.73	8.05	20.13
15/24	6/24	2/24	13.37	8.49	21.07
15/24	6/24	3/24	14.02	8.93	22.01
15/24	7/24	0/24	12.77	8.08	20.19
15/24	7/24	1/24	13.41	8.52	21.12
15/24	7/24	2/24	14.06	8.96	22.07
15/24	7/24	3/24	14.71	9.4	23.04
15/24	8/24	0/24	13.45	8.54	21.18
15/24	8/24	1/24	14.1	8.98	22.14
15/24	8/24	2/24	14.76	9.43	23.1
15/24	8/24	3/24	15.42	9.87	24.09
15/24	9/24	0/24	14.14	9.01	22.2
15/24	9/24	1/24	14.8	9.46	23.17
15/24	9/24	2/24	15.47	9.91	24.16
15/24	10/24	0/24	14.85	9.49	23.24
15/24	10/24	1/24	15.52	9.94	24.23
15/24	11/24	0/24	15.56	9.97	24.3
16/24	0/24	0/24	9.18	5.6	15.04
16/24	0/24	1/24	9.8	6.03	15.92
16/24	0/24	2/24	10.43	6.47	16.81
16/24	0/24	3/24	11.06	6.9	17.72
16/24	1/24	0/24	9.83	6.05	15.96
16/24	1/24	1/24	10.46	6.49	16.86
16/24	1/24	2/24	11.09	6.93	17.77
16/24	1/24	3/24	11.73	7.37	18.69
16/24	1/24	4/24	12.38	7.81	19.63
16/24	2/24	0/24	10.49	6.51	16.9
16/24	2/24	1/24	11.12	6.95	17.81
16/24	2/24	2/24	11.77	7.39	18.74
16/24	2/24	3/24	12.42	7.84	19.68
16/24	2/24	4/24	13.08	8.29	20.64
16/24	3/24	0/24	11.16	6.97	17.86
16/24	3/24	1/24	11.8	7.42	18.79
16/24	3/24	2/24	12.46	7.86	19.73
16/24	3/24	3/24	13.12	8.32	20.69
16/24	3/24	4/24	13.79	8.77	21.67
16/24	4/24	0/24	11.84	7.44	18.84

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
16/24	4/24	1/24	12.5	7.89	19.79
16/24	4/24	2/24	13.16	8.34	20.75
16/24	4/24	3/24	13.83	8.8	21.73
16/24	4/24	4/24	14.51	9.26	22.73
16/24	5/24	0/24	12.53	7.92	19.84
16/24	5/24	1/24	13.2	8.37	20.81
16/24	5/24	2/24	13.87	8.83	21.8
16/24	5/24	3/24	14.55	9.29	22.8
16/24	5/24	4/24	15.24	9.75	23.81
16/24	6/24	0/24	13.24	8.4	20.87
16/24	6/24	1/24	13.91	8.86	21.86
16/24	6/24	2/24	14.6	9.32	22.86
16/24	6/24	3/24	15.29	9.78	23.89
16/24	6/24	4/24	15.98	10.25	24.93
16/24	7/24	0/24	13.96	8.89	21.92
16/24	7/24	1/24	14.64	9.35	22.93
16/24	7/24	2/24	15.34	9.82	23.96
16/24	7/24	3/24	16.04	10.28	25
16/24	8/24	0/24	14.69	9.38	23
16/24	8/24	1/24	15.38	9.85	24.03
16/24	8/24	2/24	16.09	10.32	25.08
16/24	8/24	3/24	16.8	10.79	26.15
16/24	9/24	0/24	15.43	9.88	24.11
16/24	9/24	1/24	16.14	10.35	25.16
16/24	9/24	2/24	16.85	10.83	26.23
16/24	10/24	0/24	16.19	10.39	25.24
16/24	10/24	1/24	16.91	10.87	26.32
16/24	10/24	2/24	17.64	11.34	27.42
16/24	11/24	0/24	16.97	10.9	26.4
16/24	11/24	1/24	17.69	11.38	27.51
16/24	12/24	0/24	17.75	11.42	27.6
17/24	0/24	0/24	10.16	6.29	16.44
17/24	0/24	1/24	10.82	6.74	17.38
17/24	0/24	2/24	11.49	7.2	18.34
17/24	0/24	3/24	12.16	7.66	19.31
17/24	1/24	0/24	10.86	6.76	17.43
17/24	1/24	1/24	11.52	7.22	18.39
17/24	1/24	2/24	12.2	7.69	19.36
17/24	1/24	3/24	12.89	8.16	20.36
17/24	1/24	4/24	13.58	8.63	21.37
17/24	2/24	0/24	11.56	7.25	18.44
17/24	2/24	1/24	12.24	7.71	19.42
17/24	2/24	2/24	12.93	8.18	20.42



CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
17/24	2/24	3/24	13.62	8.66	21.43
17/24	2/24	4/24	14.33	9.14	22.47
17/24	3/24	0/24	12.28	7.74	19.47
17/24	3/24	1/24	12.97	8.21	20.48
17/24	3/24	2/24	13.67	8.69	21.5
17/24	3/24	3/24	14.37	9.17	22.53
17/24	3/24	4/24	15.09	9.65	23.59
17/24	4/24	0/24	13.01	8.24	20.54
17/24	4/24	1/24	13.71	8.72	21.56
17/24	4/24	2/24	14.42	9.2	22.6
17/24	4/24	3/24	15.14	9.68	23.67
17/24	4/24	4/24	15.87	10.17	24.75
17/24	5/24	0/24	13.75	8.75	21.63
17/24	5/24	1/24	14.47	9.23	22.67
17/24	5/24	2/24	15.19	9.72	23.74
17/24	5/24	3/24	15.92	10.21	24.83
17/24	5/24	4/24	16.66	10.7	25.94
17/24	6/24	0/24	14.52	9.26	22.74
17/24	6/24	1/24	15.24	9.75	23.82
17/24	6/24	2/24	15.97	10.24	24.91
17/24	6/24	3/24	16.72	10.74	26.03
17/24	6/24	4/24	17.47	11.24	27.17
17/24	7/24	0/24	15.29	9.79	23.89
17/24	7/24	1/24	16.03	10.28	24.99
17/24	7/24	2/24	16.78	10.78	26.12
17/24	7/24	3/24	17.53	11.28	27.26
17/24	7/24	4/24	18.3	11.78	28.43
17/24	8/24	0/24	16.08	10.32	25.08
17/24	8/24	1/24	16.83	10.82	26.2
17/24	8/24	2/24	17.59	11.32	27.35
17/24	8/24	3/24	18.36	11.82	28.53
17/24	9/24	0/24	16.89	10.85	26.29
17/24	9/24	1/24	17.66	11.36	27.45
17/24	9/24	2/24	18.43	11.86	28.63
17/24	9/24	3/24	19.21	12.37	29.84
17/24	10/24	0/24	17.72	11.4	27.54
17/24	10/24	1/24	18.5	11.91	28.73
17/24	10/24	2/24	19.29	12.42	29.95
17/24	11/24	0/24	18.56	11.95	28.84
17/24	11/24	1/24	19.36	12.47	30.06
17/24	11/24	2/24	20.16	12.98	31.3
17/24	12/24	0/24	19.43	12.51	30.12
17/24	12/24	1/24	20.23	13.03	31.42



CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
18/24	0/24	0/24	11.26	7.04	18.01
18/24	0/24	1/24	11.96	7.52	19.02
18/24	0/24	2/24	12.68	8.01	20.05
18/24	0/24	3/24	13.4	8.51	21.1
18/24	0/24	4/24	14.13	9	22.18
18/24	1/24	0/24	12	7.55	19.08
18/24	1/24	1/24	12.72	8.04	20.11
18/24	1/24	2/24	13.44	8.54	21.17
18/24	1/24	3/24	14.18	9.04	22.25
18/24	1/24	4/24	14.93	9.54	23.35
18/24	2/24	0/24	12.76	8.07	20.17
18/24	2/24	1/24	13.49	8.57	21.24
18/24	2/24	2/24	14.23	9.07	22.32
18/24	2/24	3/24	14.98	9.58	23.43
18/24	2/24	4/24	15.74	10.09	24.56
18/24	3/24	0/24	13.53	8.6	21.3
18/24	3/24	1/24	14.28	9.1	22.39
18/24	3/24	2/24	15.03	9.61	23.51
18/24	3/24	3/24	15.79	10.12	24.64
18/24	3/24	4/24	16.57	10.64	25.81
18/24	4/24	0/24	14.33	9.14	22.47
18/24	4/24	1/24	15.08	9.65	23.58
18/24	4/24	2/24	15.85	10.16	24.73
18/24	4/24	3/24	16.63	10.68	25.9
18/24	4/24	4/24	17.42	11.2	27.09
18/24	5/24	0/24	15.14	9.68	23.66
18/24	5/24	1/24	15.91	10.2	24.81
18/24	5/24	2/24	16.69	10.72	25.99
18/24	5/24	3/24	17.49	11.25	27.19
18/24	5/24	4/24	18.29	11.77	28.42
18/24	6/24	0/24	15.96	10.24	24.9
18/24	6/24	1/24	16.75	10.76	26.08
18/24	6/24	2/24	17.55	11.29	27.29
18/24	6/24	3/24	18.36	11.82	28.52
18/24	6/24	4/24	19.18	12.35	29.79
18/24	7/24	0/24	16.81	10.8	26.17
18/24	7/24	1/24	17.62	11.33	27.39
18/24	7/24	2/24	18.43	11.86	28.63
18/24	7/24	3/24	19.26	12.4	29.9
18/24	7/24	4/24	20.1	12.94	31.21
18/24	8/24	0/24	17.68	11.37	27.49
18/24	8/24	1/24	18.5	11.91	28.74
18/24	8/24	2/24	19.33	12.45	30.02
18/24	8/24	3/24	20.18	12.99	31.33
18/24	8/24	4/24	21.04	13.54	32.68

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
18/24	9/24	0/24	18.57	11.96	28.85
18/24	9/24	1/24	19.41	12.5	30.14
18/24	9/24	2/24	20.26	13.04	31.46
18/24	9/24	3/24	21.12	13.59	32.81
18/24	10/24	0/24	19.48	12.55	30.25
18/24	10/24	1/24	20.34	13.1	31.58
18/24	10/24	2/24	21.21	13.65	32.95
18/24	10/24	3/24	22.09	14.2	34.35
18/24	11/24	0/24	20.42	13.15	31.71
18/24	11/24	1/24	21.29	13.7	33.08
18/24	11/24	2/24	22.18	14.26	34.49
18/24	12/24	0/24	21.38	13.76	33.22
18/24	12/24	1/24	22.27	14.32	34.64
18/24	13/24	0/24	22.36	14.38	34.79
19/24	0/24	0/24	12.49	7.89	19.78
19/24	0/24	1/24	13.25	8.4	20.88
19/24	0/24	2/24	14.02	8.93	22.01
19/24	0/24	3/24	14.8	9.46	23.17
19/24	0/24	4/24	15.6	9.99	24.35
19/24	1/24	0/24	13.29	8.44	20.95
19/24	1/24	1/24	14.07	8.96	22.09
19/24	1/24	2/24	14.86	9.49	23.25
19/24	1/24	3/24	15.66	10.03	24.44
19/24	1/24	4/24	16.47	10.57	25.65
19/24	2/24	0/24	14.12	9	22.16
19/24	2/24	1/24	14.91	9.53	23.33
19/24	2/24	2/24	15.71	10.07	24.52
19/24	2/24	3/24	16.53	10.62	25.75
19/24	2/24	4/24	17.37	11.17	27.01
19/24	3/24	0/24	14.97	9.57	23.41
19/24	3/24	1/24	15.77	10.11	24.61
19/24	3/24	2/24	16.6	10.66	25.84
19/24	3/24	3/24	17.43	11.21	27.11
19/24	3/24	4/24	18.28	11.77	28.41
19/24	3/24	5/24	19.15	12.33	29.74
19/24	4/24	0/24	15.83	10.15	24.7
19/24	4/24	1/24	16.66	10.7	25.94
19/24	4/24	2/24	17.5	11.26	27.21
19/24	4/24	3/24	18.36	11.82	28.52
19/24	4/24	4/24	19.23	12.38	29.86
19/24	4/24	5/24	20.12	12.95	31.24
19/24	5/24	0/24	16.72	10.74	26.04
19/24	5/24	1/24	17.57	11.3	27.32
19/24	5/24	2/24	18.43	11.86	28.63

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
19/24	5/24	3/24	19.31	12.43	29.98
19/24	5/24	4/24	20.2	13.01	31.37
19/24	5/24	5/24	21.11	13.59	32.79
19/24	6/24	0/24	17.64	11.35	27.42
19/24	6/24	1/24	18.5	11.91	28.74
19/24	6/24	2/24	19.39	12.48	30.1
19/24	6/24	3/24	20.28	13.06	31.5
19/24	6/24	4/24	21.2	13.64	32.94
19/24	7/24	0/24	18.58	11.96	28.86
19/24	7/24	1/24	19.47	12.54	30.23
19/24	7/24	2/24	20.37	13.12	31.63
19/24	7/24	3/24	21.29	13.7	33.08
19/24	7/24	4/24	22.23	14.29	34.57
19/24	8/24	0/24	19.55	12.59	30.35
19/24	8/24	1/24	20.46	13.17	31.77
19/24	8/24	2/24	21.38	13.76	33.23
19/24	8/24	3/24	22.32	14.35	34.73
19/24	8/24	4/24	23.29	14.95	36.27
19/24	9/24	0/24	20.54	13.23	31.91
19/24	9/24	1/24	21.47	13.82	33.37
19/24	9/24	2/24	22.42	14.41	34.88
19/24	9/24	3/24	23.39	15.02	36.44
19/24	9/24	4/24	24.38	15.62	38.04
19/24	10/24	0/24	21.57	13.88	33.52
19/24	10/24	1/24	22.52	14.48	35.04
19/24	10/24	2/24	23.5	15.08	36.61
19/24	10/24	3/24	24.49	15.69	38.23
19/24	11/24	0/24	22.63	14.54	35.21
19/24	11/24	1/24	23.61	15.15	36.79
19/24	11/24	2/24	24.6	15.76	38.41
19/24	11/24	3/24	25.62	16.38	40.09
19/24	12/24	0/24	23.71	15.21	36.96
19/24	12/24	1/24	24.72	15.83	38.6
19/24	12/24	2/24	25.75	16.45	40.3
19/24	13/24	0/24	24.84	15.9	38.8
19/24	13/24	1/24	25.87	16.53	40.5
19/24	14/24	0/24	26	16.6	40.71
20/24	0/24	0/24	13.89	8.84	21.83
20/24	0/24	1/24	14.72	9.4	23.05
20/24	0/24	2/24	15.56	9.97	24.3
20/24	0/24	3/24	16.42	10.54	25.59
20/24	0/24	4/24	17.3	11.13	26.91
20/24	1/24	0/24	14.78	9.44	23.13

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
20/24	1/24	1/24	15.63	10.01	24.39
20/24	1/24	2/24	16.49	10.59	25.69
20/24	1/24	3/24	17.37	11.17	27.02
20/24	1/24	4/24	18.28	11.76	28.39
20/24	2/24	0/24	15.69	10.05	24.48
20/24	2/24	1/24	16.56	10.63	25.79
20/24	2/24	2/24	17.45	11.22	27.13
20/24	2/24	3/24	18.35	11.81	28.51
20/24	2/24	4/24	19.28	12.42	29.94
20/24	2/24	5/24	20.22	13.02	31.41
20/24	3/24	0/24	16.62	10.68	25.89
20/24	3/24	1/24	17.52	11.27	27.24
20/24	3/24	2/24	18.43	11.86	28.63
20/24	3/24	3/24	19.36	12.47	30.07
20/24	3/24	4/24	20.31	13.08	31.55
20/24	3/24	5/24	21.29	13.7	33.08
20/24	4/24	0/24	17.59	11.32	27.35
20/24	4/24	1/24	18.51	11.92	28.75
20/24	4/24	2/24	19.45	12.52	30.2
20/24	4/24	3/24	20.4	13.14	31.69
20/24	4/24	4/24	21.38	13.76	33.23
20/24	4/24	5/24	22.38	14.39	34.82
20/24	5/24	0/24	18.59	11.97	28.87
20/24	5/24	1/24	19.53	12.58	30.33
20/24	5/24	2/24	20.5	13.2	31.83
20/24	5/24	3/24	21.48	13.82	33.39
20/24	5/24	4/24	22.49	14.46	34.99
20/24	5/24	5/24	23.52	15.1	36.65
20/24	6/24	0/24	19.62	12.63	30.46
20/24	6/24	1/24	20.59	13.26	31.98
20/24	6/24	2/24	21.58	13.89	33.54
20/24	6/24	3/24	22.6	14.52	35.16
20/24	6/24	4/24	23.64	15.17	36.83
20/24	6/24	5/24	24.7	15.82	38.57
20/24	7/24	0/24	20.68	13.32	32.13
20/24	7/24	1/24	21.68	13.95	33.7
20/24	7/24	2/24	22.71	14.59	35.34
20/24	7/24	3/24	23.75	15.24	37.02
20/24	7/24	4/24	24.82	15.89	38.77
20/24	7/24	5/24	25.92	16.55	40.58
20/24	8/24	0/24	21.79	14.01	33.87
20/24	8/24	1/24	22.81	14.66	35.51
20/24	8/24	2/24	23.87	15.31	37.21
20/24	8/24	3/24	24.95	15.97	38.98
20/24	8/24	4/24	26.05	16.63	40.8
20/24	9/24	0/24	22.93	14.73	35.69

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
20/24	9/24	1/24	23.99	15.38	37.41
20/24	9/24	2/24	25.07	16.04	39.18
20/24	9/24	3/24	26.19	16.71	41.03
20/24	9/24	4/24	27.32	17.39	42.93
20/24	10/24	0/24	24.11	15.46	37.6
20/24	10/24	1/24	25.2	16.12	39.4
20/24	10/24	2/24	26.32	16.8	41.26
20/24	10/24	3/24	27.47	17.48	43.18
20/24	10/24	4/24	28.65	18.17	45.17
20/24	11/24	0/24	25.33	16.2	39.61
20/24	11/24	1/24	26.46	16.88	41.49
20/24	11/24	2/24	27.62	17.57	43.43
20/24	11/24	3/24	28.81	18.26	45.45
20/24	11/24	4/24	30.02	18.96	47.53
20/24	12/24	0/24	26.61	16.97	41.73
20/24	12/24	1/24	27.77	17.66	43.69
20/24	12/24	2/24	28.97	18.35	45.72
20/24	12/24	3/24	30.19	19.06	47.83
20/24	13/24	0/24	27.93	17.75	43.95
20/24	13/24	1/24	29.13	18.45	46.01
20/24	13/24	2/24	30.37	19.16	48.13
20/24	14/24	0/24	29.3	18.55	46.29
20/24	14/24	1/24	30.55	19.26	48.44
20/24	14/24	2/24	31.83	19.99	50.67
21/24	0/24	0/24	15.53	9.94	24.24
21/24	0/24	1/24	16.44	10.56	25.61
21/24	0/24	2/24	17.38	11.18	27.03
21/24	0/24	3/24	18.35	11.81	28.5
21/24	0/24	4/24	19.33	12.45	30.02
21/24	1/24	0/24	16.51	10.6	25.72
21/24	1/24	1/24	17.46	11.23	27.15
21/24	1/24	2/24	18.43	11.86	28.63
21/24	1/24	3/24	19.42	12.51	30.16
21/24	1/24	4/24	20.44	13.16	31.75
21/24	2/24	0/24	17.54	11.28	27.27
21/24	2/24	1/24	18.51	11.92	28.76
21/24	2/24	2/24	19.52	12.57	30.3
21/24	2/24	3/24	20.54	13.23	31.91
21/24	2/24	4/24	21.6	13.9	33.57
21/24	2/24	5/24	22.68	14.57	35.3
21/24	3/24	0/24	18.6	11.97	28.89
21/24	3/24	1/24	19.61	12.63	30.45
21/24	3/24	2/24	20.64	13.29	32.06
21/24	3/24	3/24	21.71	13.96	33.74
21/24	3/24	4/24	22.8	14.65	35.48

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
21/24	3/24	5/24	23.92	15.34	37.29
21/24	4/24	0/24	19.7	12.69	30.59
21/24	4/24	1/24	20.74	13.35	32.22
21/24	4/24	2/24	21.81	14.03	33.91
21/24	4/24	3/24	22.91	14.72	35.67
21/24	4/24	4/24	24.05	15.42	37.5
21/24	4/24	5/24	25.21	16.13	39.4
21/24	5/24	0/24	20.85	13.42	32.38
21/24	5/24	1/24	21.92	14.1	34.09
21/24	5/24	2/24	23.03	14.79	35.86
21/24	5/24	3/24	24.17	15.5	37.71
21/24	5/24	4/24	25.35	16.21	39.63
21/24	5/24	5/24	26.55	16.93	41.64
21/24	6/24	0/24	22.04	14.17	34.26
21/24	6/24	1/24	23.15	14.87	36.06
21/24	6/24	2/24	24.3	15.58	37.92
21/24	6/24	3/24	25.49	16.29	39.87
21/24	6/24	4/24	26.7	17.02	41.89
21/24	6/24	0/24	27.96	17.76	44
21/24	7/24	0/24	23.28	14.94	36.26
21/24	7/24	1/24	24.44	15.66	38.14
21/24	7/24	2/24	25.63	16.38	40.1
21/24	7/24	3/24	26.86	17.12	42.15
21/24	7/24	4/24	28.12	17.86	44.28
21/24	7/24	5/24	29.42	18.62	46.5
21/24	8/24	0/24	24.57	15.74	38.36
21/24	8/24	1/24	25.78	16.47	40.34
21/24	8/24	2/24	27.02	17.21	42.41
21/24	8/24	3/24	28.29	17.96	44.57
21/24	8/24	4/24	29.61	18.72	46.82
21/24	8/24	5/24	30.96	19.5	49.16
21/24	9/24	0/24	25.92	16.56	40.59
21/24	9/24	1/24	27.18	17.3	42.68
21/24	9/24	2/24	28.46	18.06	44.86
21/24	9/24	3/24	29.79	18.83	47.14
21/24	9/24	4/24	31.16	19.61	49.51
21/24	9/24	5/24	32.57	20.4	51.97
21/24	10/24	0/24	27.34	17.4	42.95
21/24	10/24	1/24	28.64	18.16	45.16
21/24	10/24	2/24	29.98	18.94	47.46
21/24	10/24	3/24	31.36	19.73	49.86
21/24	10/24	4/24	32.79	20.53	52.36
21/24	10/24	5/24	34.25	21.34	54.96
21/24	11/24	0/24	28.82	18.27	45.46
21/24	11/24	1/24	30.17	19.05	47.8
21/24	11/24	2/24	31.57	19.84	50.23

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
21/24	11/24	3/24	33.01	20.65	52.76
21/24	11/24	4/24	34.49	21.48	55.39
21/24	12/24	0/24	30.37	19.16	48.13
21/24	12/24	1/24	31.78	19.96	50.6
21/24	12/24	2/24	33.24	20.78	53.16
21/24	12/24	3/24	34.74	21.61	55.83
21/24	12/24	4/24	36.28	22.46	58.61
21/24	13/24	0/24	32	20.09	50.97
21/24	13/24	1/24	33.47	20.91	53.57
21/24	13/24	2/24	34.99	21.75	56.28
21/24	13/24	3/24	36.55	22.6	59.09
21/24	14/24	0/24	33.71	21.04	54
21/24	14/24	1/24	35.24	21.89	56.74
21/24	14/24	2/24	36.82	22.75	59.59
21/24	14/24	3/24	38.45	23.64	62.55
21/24	15/24	0/24	35.5	22.03	57.21
21/24	15/24	1/24	37.11	22.91	60.1
21/24	15/24	2/24	38.75	23.8	63.1
21/24	16/24	0/24	37.39	23.06	60.62
21/24	16/24	1/24	39.06	23.97	63.67
22/24	0/24	0/24	17.48	11.24	27.18
22/24	0/24	1/24	18.52	11.92	28.77
22/24	0/24	2/24	19.59	12.62	30.43
22/24	0/24	3/24	20.7	13.33	32.16
22/24	0/24	4/24	21.85	14.05	33.96
22/24	1/24	0/24	18.61	11.98	28.91
22/24	1/24	1/24	19.69	12.68	30.58
22/24	1/24	2/24	20.81	13.4	32.33
22/24	1/24	3/24	21.97	14.13	34.15
22/24	1/24	4/24	23.16	14.87	36.06
22/24	2/24	0/24	19.79	12.75	30.74
22/24	2/24	1/24	20.92	13.47	32.5
22/24	2/24	2/24	22.09	14.2	34.34
22/24	2/24	3/24	23.29	14.95	36.27
22/24	2/24	4/24	24.53	15.72	38.3
22/24	2/24	5/24	25.82	16.5	40.42
22/24	3/24	0/24	21.03	13.54	32.68
22/24	3/24	1/24	22.21	14.28	34.54
22/24	3/24	2/24	23.42	15.03	36.49
22/24	3/24	3/24	24.68	15.8	38.54
22/24	3/24	4/24	25.98	16.59	40.68
22/24	3/24	5/24	27.33	17.39	42.94
22/24	4/24	0/24	22.33	14.36	34.74
22/24	4/24	1/24	23.56	15.12	36.71



CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
22/24	4/24	2/24	24.83	15.89	38.78
22/24	4/24	3/24	26.14	16.69	40.95
22/24	4/24	4/24	27.5	17.5	43.23
22/24	4/24	5/24	28.91	18.32	45.63
22/24	5/24	0/24	23.69	15.2	36.93
22/24	5/24	1/24	24.98	15.99	39.02
22/24	5/24	2/24	26.31	16.79	41.22
22/24	5/24	3/24	27.68	17.6	43.53
22/24	5/24	4/24	29.11	18.44	45.96
22/24	5/24	5/24	30.59	19.29	48.52
22/24	5/24	6/24	32.13	20.16	51.2
22/24	6/24	0/24	25.13	16.08	39.28
22/24	6/24	1/24	26.47	16.89	41.5
22/24	6/24	2/24	27.87	17.71	43.84
22/24	6/24	3/24	29.31	18.55	46.31
22/24	6/24	4/24	30.81	19.41	48.9
22/24	6/24	5/24	32.37	20.29	51.62
22/24	6/24	6/24	33.98	21.19	54.48
22/24	7/24	0/24	26.64	16.99	41.79
22/24	7/24	1/24	28.05	17.82	44.16
22/24	7/24	2/24	29.51	18.67	46.66
22/24	7/24	3/24	31.03	19.54	49.29
22/24	7/24	4/24	32.61	20.43	52.05
22/24	7/24	5/24	34.24	21.34	54.95
22/24	7/24	6/24	35.94	22.27	58
22/24	8/24	0/24	28.24	17.93	44.48
22/24	8/24	1/24	29.72	18.79	47.01
22/24	8/24	2/24	31.26	19.67	49.68
22/24	8/24	3/24	32.86	20.57	52.49
22/24	8/24	4/24	34.52	21.49	55.44
22/24	8/24	5/24	36.24	22.43	58.53
22/24	8/24	6/24	38.02	23.4	61.77
22/24	9/24	0/24	29.93	18.91	47.38
22/24	9/24	1/24	31.49	19.8	50.09
22/24	9/24	2/24	33.11	20.71	52.94
22/24	9/24	3/24	34.79	21.64	55.93
22/24	9/24	4/24	36.54	22.6	59.08
22/24	9/24	5/24	38.35	23.58	62.37
22/24	9/24	6/24	40.23	24.6	65.8
22/24	10/24	0/24	31.73	19.93	50.5
22/24	10/24	1/24	33.37	20.85	53.4
22/24	10/24	2/24	35.08	21.8	56.44
22/24	10/24	3/24	36.85	22.77	59.64
22/24	10/24	4/24	38.69	23.77	62.98
22/24	10/24	5/24	40.6	24.79	66.47
22/24	11/24	0/24	33.63	21	53.87
22/24	11/24	1/24	35.37	21.96	56.96



CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
22/24	11/24	2/24	37.17	22.94	60.21
22/24	11/24	3/24	39.04	23.95	63.62
22/24	11/24	4/24	40.98	25	67.17
22/24	11/24	5/24	42.98	26.07	70.86
22/24	12/24	0/24	35.66	22.12	57.5
22/24	12/24	1/24	37.49	23.12	60.81
22/24	12/24	2/24	39.39	24.15	64.27
22/24	12/24	3/24	41.36	25.21	67.88
22/24	12/24	4/24	43.41	26.3	71.63
22/24	12/24	5/24	45.52	27.44	75.51
22/24	13/24	0/24	37.83	23.3	61.41
22/24	13/24	1/24	39.76	24.34	64.94
22/24	13/24	2/24	41.76	25.42	68.61
22/24	13/24	3/24	43.84	26.54	72.43
22/24	13/24	4/24	45.99	27.69	76.37
22/24	13/24	5/24	48.21	28.9	80.42
22/24	14/24	0/24	40.13	24.54	65.62
22/24	14/24	1/24	42.17	25.64	69.37
22/24	14/24	2/24	44.29	26.78	73.25
22/24	14/24	3/24	46.47	27.96	77.26
22/24	14/24	4/24	48.73	29.18	81.38
22/24	15/24	0/24	42.59	25.87	70.14
22/24	15/24	1/24	44.75	27.02	74.1
22/24	15/24	2/24	46.98	28.23	78.18
22/24	15/24	3/24	49.27	29.48	82.36
22/24	15/24	4/24	51.64	30.79	86.63
22/24	16/24	0/24	45.22	27.28	74.96
22/24	16/24	1/24	47.49	28.51	79.12
22/24	16/24	2/24	49.83	29.79	83.37
22/24	16/24	3/24	52.25	31.12	87.71
22/24	17/24	0/24	48.02	28.8	80.09
22/24	17/24	1/24	50.41	30.1	84.42
22/24	17/24	2/24	52.87	31.47	88.83
23/24	0/24	0/24	19.9	12.82	30.91
23/24	0/24	1/24	21.13	13.6	32.83
23/24	0/24	2/24	22.41	14.41	34.86
23/24	0/24	3/24	23.74	15.23	37.01
23/24	1/24	0/24	21.26	13.68	33.03
23/24	1/24	1/24	22.55	14.49	35.08
23/24	1/24	2/24	23.89	15.32	37.25
23/24	1/24	3/24	25.3	16.18	39.55
23/24	1/24	4/24	26.76	17.06	41.99
23/24	2/24	0/24	22.68	14.58	35.3
23/24	2/24	1/24	24.05	15.42	37.5
23/24	2/24	2/24	25.47	16.28	39.83

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
23/24	2/24	3/24	26.95	17.17	42.31
23/24	2/24	4/24	28.51	18.09	44.94
23/24	2/24	5/24	30.14	19.03	47.74
23/24	3/24	0/24	24.2	15.51	37.76
23/24	3/24	1/24	25.64	16.39	40.12
23/24	3/24	2/24	27.15	17.29	42.63
23/24	3/24	3/24	28.72	18.21	45.3
23/24	3/24	4/24	30.38	19.17	48.15
23/24	3/24	5/24	32.11	20.15	51.18
23/24	4/24	0/24	25.82	16.49	40.41
23/24	4/24	1/24	27.34	17.4	42.96
23/24	4/24	2/24	28.94	18.34	45.68
23/24	4/24	3/24	30.62	19.31	48.57
23/24	4/24	4/24	32.39	20.3	51.66
23/24	4/24	5/24	34.24	21.34	54.94
23/24	4/24	6/24	36.18	22.41	58.43
23/24	5/24	0/24	27.54	17.52	43.3
23/24	5/24	1/24	29.17	18.47	46.06
23/24	5/24	2/24	30.87	19.45	49.01
23/24	5/24	3/24	32.66	20.46	52.15
23/24	5/24	4/24	34.55	21.51	55.49
23/24	5/24	5/24	36.53	22.59	59.06
23/24	5/24	6/24	38.61	23.72	62.84
23/24	6/24	0/24	29.4	18.6	46.46
23/24	6/24	1/24	31.13	19.59	49.45
23/24	6/24	2/24	32.95	20.62	52.65
23/24	6/24	3/24	34.87	21.68	56.06
23/24	6/24	4/24	36.88	22.79	59.7
23/24	6/24	5/24	39	23.93	63.56
23/24	6/24	6/24	41.23	25.13	67.63
23/24	7/24	0/24	31.39	19.74	49.91
23/24	7/24	1/24	33.24	20.78	53.17
23/24	7/24	2/24	35.19	21.86	56.65
23/24	7/24	3/24	37.25	22.98	60.36
23/24	7/24	4/24	39.41	24.15	64.3
23/24	7/24	5/24	41.68	25.38	68.47
23/24	7/24	6/24	44.07	26.66	72.84
23/24	8/24	0/24	33.54	20.95	53.7
23/24	8/24	1/24	35.53	22.05	57.25
23/24	8/24	2/24	37.62	23.19	61.04
23/24	8/24	3/24	39.83	24.38	65.07
23/24	8/24	4/24	42.15	25.63	69.32
23/24	8/24	5/24	44.59	26.94	73.8
23/24	8/24	6/24	47.14	28.31	78.47
23/24	8/24	7/24	49.8	29.77	83.3
23/24	9/24	0/24	35.88	22.24	57.88
23/24	9/24	1/24	38.01	23.4	61.75

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
23/24	9/24	2/24	40.26	24.61	65.86
23/24	9/24	3/24	42.63	25.89	70.21
23/24	9/24	4/24	45.12	27.23	74.79
23/24	9/24	5/24	47.73	28.64	79.56
23/24	9/24	6/24	50.45	30.13	84.49
23/24	9/24	7/24	53.28	31.7	89.56
23/24	10/24	0/24	38.41	23.62	62.48
23/24	10/24	1/24	40.71	24.85	66.68
23/24	10/24	2/24	43.13	26.16	71.13
23/24	10/24	3/24	45.68	27.53	75.81
23/24	10/24	4/24	48.35	28.97	80.69
23/24	10/24	5/24	51.14	30.51	85.73
23/24	10/24	6/24	54.04	32.13	90.89
23/24	10/24	7/24	57.04	33.84	96.14
23/24	11/24	0/24	41.17	25.1	67.53
23/24	11/24	1/24	43.65	26.43	72.09
23/24	11/24	2/24	46.26	27.84	76.87
23/24	11/24	3/24	48.99	29.33	81.85
23/24	11/24	4/24	51.85	30.9	87
23/24	11/24	5/24	54.82	32.57	92.27
23/24	11/24	6/24	57.9	34.34	97.62
23/24	11/24	7/24	61.07	36.2	103.01
23/24	12/24	0/24	44.19	26.72	73.07
23/24	12/24	1/24	46.86	28.16	77.97
23/24	12/24	2/24	49.66	29.69	83.06
23/24	12/24	3/24	52.59	31.31	88.32
23/24	12/24	4/24	55.64	33.04	93.7
23/24	12/24	5/24	58.79	34.86	99.15
23/24	12/24	6/24	62.04	36.78	104.63
23/24	12/24	7/24	65.37	38.81	110.13
23/24	13/24	0/24	47.48	28.5	79.11
23/24	13/24	1/24	50.36	30.07	84.32
23/24	13/24	2/24	53.36	31.75	89.69
23/24	13/24	3/24	56.48	33.52	95.18
23/24	13/24	4/24	59.72	35.4	100.73
23/24	13/24	5/24	63.05	37.39	106.32
23/24	13/24	6/24	66.47	39.48	111.92
23/24	13/24	7/24	69.97	41.67	117.51
23/24	14/24	0/24	51.08	30.47	85.62
23/24	14/24	1/24	54.16	32.2	91.11
23/24	14/24	2/24	57.37	34.03	96.71
23/24	14/24	3/24	60.69	35.98	102.37
23/24	14/24	4/24	64.11	38.03	108.07
23/24	14/24	5/24	67.62	40.19	113.77
23/24	14/24	6/24	71.21	42.45	119.45
23/24	14/24	7/24	74.86	44.79	125.13
23/24	15/24	0/24	55	32.67	92.59
23/24	15/24	1/24	58.29	34.57	98.3

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
23/24	15/24	2/24	61.7	36.58	104.08
23/24	15/24	3/24	65.22	38.71	109.88
23/24	15/24	4/24	68.82	40.94	115.68
23/24	15/24	5/24	72.5	43.27	121.48
23/24	15/24	6/24	76.25	45.69	127.26
23/24	16/24	0/24	59.26	35.14	99.95
23/24	16/24	1/24	62.77	37.22	105.85
23/24	16/24	2/24	66.38	39.42	111.76
23/24	16/24	3/24	70.08	41.73	117.67
23/24	16/24	4/24	73.86	44.14	123.58
23/24	16/24	5/24	77.71	46.64	129.48
23/24	16/24	6/24	81.62	49.21	135.38
23/24	17/24	0/24	63.88	37.89	107.68
23/24	17/24	1/24	67.59	40.17	113.71
23/24	17/24	2/24	71.39	42.57	119.74
23/24	17/24	3/24	75.28	45.06	125.77
23/24	17/24	4/24	79.24	47.64	131.79
23/24	17/24	5/24	83.26	50.3	137.82
23/24	17/24	6/24	87.33	53.02	143.85
23/24	18/24	0/24	68.86	40.97	115.75
23/24	18/24	1/24	72.77	43.45	121.9
23/24	18/24	2/24	76.77	46.03	128.05
23/24	18/24	3/24	80.84	48.7	134.2
23/24	18/24	4/24	84.97	51.44	140.37
23/24	18/24	5/24	89.16	54.25	146.55
23/24	19/24	0/24	74.23	44.38	124.15
23/24	19/24	1/24	78.34	47.05	130.43
23/24	19/24	2/24	82.53	49.81	136.73
23/24	19/24	3/24	86.78	52.65	143.04
23/24	19/24	4/24	91.09	55.55	149.38
23/24	19/24	5/24	95.46	58.51	155.76
23/24	20/24	0/24	79.99	48.13	132.93
23/24	20/24	1/24	84.3	50.99	139.37
23/24	20/24	2/24	88.69	53.93	145.84
23/24	20/24	3/24	93.13	56.93	152.36
23/24	20/24	4/24	97.63	59.98	158.92
24/24	0/24	0/24	23.12	14.85	36
24/24	0/24	1/24	24.65	15.79	38.49
24/24	0/24	2/24	26.28	16.77	41.18
24/24	0/24	3/24	28	17.79	44.08
24/24	1/24	0/24	24.83	15.9	38.79
24/24	1/24	1/24	26.48	16.89	41.52
24/24	1/24	2/24	28.24	17.93	44.48
24/24	1/24	3/24	30.1	19.01	47.68
24/24	1/24	4/24	32.1	20.14	51.15
24/24	2/24	0/24	26.7	17.02	41.88

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
24/24	2/24	1/24	28.48	18.07	44.89
23/24	2/24	2/24	30.38	19.17	48.15
23/24	2/24	3/24	32.41	20.32	51.71
23/24	2/24	4/24	34.59	21.53	55.57
23/24	2/24	5/24	36.93	22.81	59.78
23/24	3/24	0/24	28.73	18.21	45.31
23/24	3/24	1/24	30.66	19.33	48.64
23/24	3/24	2/24	32.74	20.5	52.28
23/24	3/24	3/24	34.96	21.74	56.24
23/24	3/24	4/24	37.36	23.04	60.56
23/24	3/24	5/24	39.93	24.43	65.25
23/24	3/24	6/24	42.69	25.92	70.31
24/24	4/24	0/24	30.96	19.5	49.15
24/24	4/24	1/24	33.07	20.69	52.87
24/24	4/24	2/24	35.35	21.95	56.93
24/24	4/24	3/24	37.8	23.29	61.37
24/24	4/24	4/24	40.44	24.71	66.19
24/24	4/24	5/24	43.28	26.23	71.4
24/24	4/24	6/24	46.33	27.88	76.99
24/24	5/24	0/24	33.42	20.88	53.49
24/24	5/24	1/24	35.75	22.17	57.65
24/24	5/24	2/24	38.26	23.54	62.21
24/24	5/24	3/24	40.98	25	67.17
24/24	5/24	4/24	43.9	26.57	72.54
24/24	5/24	5/24	47.04	28.26	78.3
24/24	5/24	6/24	50.4	30.1	84.4
24/24	5/24	7/24	53.98	32.09	90.78
24/24	6/24	0/24	36.16	22.4	58.4
24/24	6/24	1/24	38.74	23.8	63.08
24/24	6/24	2/24	41.53	25.3	68.19
24/24	6/24	3/24	44.55	26.91	73.73
24/24	6/24	4/24	47.79	28.67	79.66
24/24	6/24	5/24	51.26	30.57	85.95
24/24	6/24	6/24	54.96	32.65	92.51
24/24	6/24	7/24	58.86	34.9	99.27
24/24	7/24	0/24	39.25	24.07	64
24/24	7/24	1/24	42.12	25.61	69.27
24/24	7/24	2/24	45.22	27.28	74.97
24/24	7/24	3/24	48.57	29.1	81.09
24/24	7/24	4/24	52.17	31.08	87.57
24/24	7/24	5/24	55.99	33.24	94.32
24/24	7/24	6/24	60.03	35.59	101.27
24/24	7/24	7/24	64.27	38.13	108.32
24/24	7/24	8/24	68.66	40.84	115.42
24/24	8/24	0/24	42.73	25.94	70.39
24/24	8/24	1/24	45.94	27.66	76.28
24/24	8/24	2/24	49.4	29.55	82.59
24/24	8/24	3/24	53.12	31.61	89.27

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
24/24	8/24	4/24	57.09	33.87	96.22
24/24	8/24	5/24	61.27	36.33	103.35
24/24	8/24	6/24	65.66	38.98	110.59
24/24	8/24	7/24	70.2	41.81	117.87
24/24	8/24	8/24	74.89	44.8	125.17
24/24	9/24	0/24	46.69	28.07	77.65
24/24	9/24	1/24	50.28	30.03	84.17
24/24	9/24	2/24	54.13	32.18	91.06
24/24	9/24	3/24	58.24	34.54	98.22
24/24	9/24	4/24	62.59	37.11	105.55
24/24	9/24	5/24	67.13	39.89	112.97
24/24	9/24	6/24	71.84	42.85	120.44
24/24	9/24	7/24	76.69	45.97	127.93
24/24	9/24	8/24	81.65	49.23	135.42
24/24	10/24	0/24	51.2	30.54	85.83
24/24	10/24	1/24	55.2	32.79	92.94
24/24	10/24	2/24	59.47	35.26	100.31
24/24	10/24	3/24	63.98	37.96	107.85
24/24	10/24	4/24	68.7	40.86	115.48
24/24	10/24	5/24	73.58	43.96	123.15
24/24	10/24	6/24	78.6	47.22	130.84
24/24	10/24	7/24	83.74	50.62	138.54
24/24	10/24	8/24	88.98	54.13	146.28
24/24	10/24	9/24	94.3	57.72	154.06
24/24	11/24	0/24	56.34	33.44	94.92
24/24	11/24	1/24	60.78	36.03	102.52
24/24	11/24	2/24	65.47	38.86	110.28
24/24	11/24	3/24	70.36	41.91	118.12
24/24	11/24	4/24	75.43	45.16	126.01
24/24	11/24	5/24	80.65	48.57	133.92
24/24	11/24	6/24	85.98	52.11	141.85
24/24	11/24	7/24	91.41	55.76	149.84
24/24	11/24	8/24	96.92	59.5	157.88
24/24	11/24	9/24	102.51	63.31	166
24/24	12/24	0/24	62.17	36.86	104.85
24/24	12/24	1/24	67.05	39.84	112.84
24/24	12/24	2/24	72.14	43.04	120.91
24/24	12/24	3/24	77.41	46.44	129.03
24/24	12/24	4/24	82.83	50.01	137.18
24/24	12/24	5/24	88.36	53.71	145.37
24/24	12/24	6/24	94	57.52	153.63
24/24	12/24	7/24	99.73	61.41	161.96
24/24	12/24	8/24	105.54	65.37	170.39
24/24	12/24	9/24	111.43	69.39	178.93
24/24	12/24	10/24	117.39	73.46	187.6
24/24	13/24	0/24	68.74	40.89	115.55
24/24	13/24	1/24	74.04	44.26	123.86
24/24	13/24	2/24	79.53	47.83	132.23
24/24	13/24	3/24	85.16	51.56	140.64



CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
24/24	13/24	4/24	90.92	55.43	149.12
24/24	13/24	5/24	96.78	59.41	157.68
24/24	13/24	6/24	102.74	63.46	166.34
24/24	13/24	7/24	108.8	67.59	175.11
24/24	13/24	8/24	114.94	71.78	184.02
24/24	13/24	9/24	121.16	76.03	193.08
24/24	13/24	10/24	127.47	80.32	202.3
24/24	14/24	0/24	76.08	45.58	127
24/24	14/24	1/24	81.8	49.33	135.64
24/24	14/24	2/24	87.67	53.24	144.34
24/24	14/24	3/24	93.66	57.29	153.13
24/24	14/24	4/24	99.78	61.44	162.03
24/24	14/24	5/24	106	65.68	171.05
24/24	14/24	6/24	112.31	69.99	180.21
24/24	14/24	7/24	118.73	74.37	189.54
24/24	14/24	8/24	125.24	78.81	199.04
24/24	14/24	9/24	131.85	83.29	208.72
24/24	14/24	10/24	138.56	87.83	218.61
24/24	14/24	11/24	145.37	92.41	228.7
24/24	15/24	0/24	84.24	50.95	139.28
24/24	15/24	1/24	90.36	55.06	148.31
24/24	15/24	2/24	96.63	59.3	157.45
24/24	15/24	3/24	103.01	63.65	166.72
24/24	15/24	4/24	109.51	68.08	176.15
24/24	15/24	5/24	116.12	72.6	185.75
24/24	15/24	6/24	122.85	77.18	195.54
24/24	15/24	7/24	129.68	81.82	205.54
24/24	15/24	8/24	136.63	86.52	215.76
24/24	15/24	9/24	143.7	91.28	226.21
24/24	15/24	10/24	150.88	96.09	236.91
24/24	15/24	11/24	158.19	100.96	247.87
24/24	16/24	0/24	93.28	57.03	152.58
24/24	16/24	1/24	99.83	61.48	162.11
24/24	16/24	2/24	106.52	66.04	171.81
24/24	16/24	3/24	113.33	70.69	181.7
24/24	16/24	4/24	120.28	75.43	191.8
24/24	16/24	5/24	127.35	80.24	202.12
24/24	16/24	6/24	134.55	85.12	212.69
24/24	16/24	7/24	141.89	90.06	223.53
24/24	16/24	8/24	149.36	95.07	234.63
24/24	16/24	9/24	156.97	100.15	246.04
24/24	16/24	10/24	164.73	105.29	257.75
24/24	16/24	11/24	172.65	110.48	269.79
24/24	16/24	12/24	180.71	115.74	282.17
24/24	17/24	0/24	103.32	63.86	167.17
24/24	17/24	1/24	110.34	68.65	177.36
24/24	17/24	2/24	117.51	73.54	187.77
24/24	17/24	3/24	124.83	78.53	198.44
24/24	17/24	4/24	132.3	83.59	209.38
24/24	17/24	5/24	139.92	88.74	220.61

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
24/24	17/24	6/24	147.7	93.96	232.16
24/24	17/24	7/24	155.64	99.27	244.04
24/24	17/24	8/24	163.76	104.64	256.27
24/24	17/24	9/24	172.05	110.09	268.88
24/24	17/24	10/24	180.53	115.61	281.89
24/24	17/24	11/24	189.19	121.21	295.31
24/24	17/24	12/24	198.06	126.88	309.18
24/24	18/24	0/24	114.54	71.51	183.44
24/24	18/24	1/24	122.11	76.67	194.46
24/24	18/24	2/24	129.85	81.94	205.79
24/24	18/24	3/24	137.78	87.3	217.45
24/24	18/24	4/24	145.88	92.75	229.46
24/24	18/24	5/24	154.18	98.29	241.85
24/24	18/24	6/24	162.68	103.93	254.64
24/24	18/24	7/24	171.39	109.66	267.88
24/24	18/24	8/24	180.31	115.48	281.56
24/24	18/24	9/24	189.47	121.39	295.74
24/24	18/24	10/24	198.86	127.39	310.44
24/24	18/24	11/24	208.5	133.48	325.7
24/24	18/24	12/24	218.4	139.66	341.54
24/24	18/24	13/24	228.58	145.94	358.04
24/24	19/24	0/24	127.2	80.13	201.9
24/24	19/24	1/24	135.44	85.72	214
24/24	19/24	2/24	143.9	91.42	226.5
24/24	19/24	3/24	152.58	97.22	239.44
24/24	19/24	4/24	161.49	103.14	252.84
24/24	19/24	5/24	170.65	109.18	266.75
24/24	19/24	6/24	180.08	115.32	281.2
24/24	19/24	7/24	189.78	121.59	296.23
24/24	19/24	8/24	199.77	127.96	311.86
24/24	19/24	9/24	210.06	134.45	328.17
24/24	19/24	10/24	220.67	141.06	345.2
24/24	19/24	11/24	231.63	147.8	363
24/24	19/24	12/24	242.92	154.64	381.6
24/24	19/24	13/24	254.6	161.61	401.08
24/24	19/24	14/24	266.67	168.71	421.51
24/24	20/24	0/24	141.71	89.95	223.27
24/24	20/24	1/24	150.8	96.04	236.79
24/24	20/24	2/24	160.17	102.27	250.85
24/24	20/24	3/24	169.84	108.64	265.5
24/24	20/24	4/24	179.82	115.15	280.79
24/24	20/24	5/24	190.13	121.81	296.76
24/24	20/24	6/24	200.8	128.61	313.49
24/24	20/24	7/24	211.84	135.57	331.02
24/24	20/24	8/24	223.28	142.68	349.42
24/24	20/24	9/24	235.15	149.94	368.78
24/24	20/24	10/24	247.48	157.38	389.17
24/24	20/24	11/24	260.28	164.97	410.66
24/24	20/24	12/24	273.6	172.74	433.36
24/24	20/24	13/24	287.46	180.68	457.34



CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
24/24	20/24	14/24	301.89	188.81	482.69
24/24	20/24	15/24	316.95	197.15	509.55
24/24	21/24	0/24	158.7	101.29	248.63
24/24	21/24	1/24	168.92	180.04	264.1
24/24	21/24	2/24	179.52	114.96	280.33
24/24	21/24	3/24	190.53	122.06	297.39
24/24	21/24	4/24	201.98	129.36	315.35
24/24	21/24	5/24	213.91	136.86	334.32
24/24	21/24	6/24	226.34	144.56	354.38
24/24	21/24	7/24	239.32	152.47	375.63
24/24	21/24	8/24	252.89	160.6	398.22
24/24	21/24	9/24	267.11	168.97	422.26
24/24	21/24	10/24	282.02	177.58	447.89
24/24	21/24	11/24	297.68	186.46	475.26
24/24	21/24	12/24	314.15	195.61	504.53
24/24	21/24	13/24	331.47	205.05	535.83
24/24	21/24	14/24	349.71	214.82	569.29
24/24	21/24	15/24	368.94	224.95	605.1
24/24	21/24	16/24	389.22	235.48	643.33
24/24	22/24	0/24	179.18	114.74	279.81
24/24	22/24	1/24	190.99	122.36	298.1
24/24	22/24	2/24	203.35	130.23	317.52
24/24	22/24	3/24	216.32	138.37	338.2
24/24	22/24	4/24	229.95	146.77	360.27
24/24	22/24	5/24	244.32	155.48	383.92
24/24	22/24	6/24	259.5	164.51	409.34
24/24	22/24	7/24	275.56	173.87	436.72
24/24	22/24	8/24	292.6	183.59	466.32
24/24	22/24	9/24	310.74	193.72	498.42
24/24	22/24	10/24	330.04	204.28	533.21
24/24	22/24	11/24	350.63	215.31	571
24/24	22/24	12/24	372.68	226.9	612.11
24/24	22/24	13/24	396.28	239.12	656.74
24/24	22/24	14/24	421.55	252.06	705.01
24/24	22/24	15/24	448.63	265.87	757.03
24/24	22/24	16/24	477.69	280.73	812.85
24/24	22/24	17/24	508.8	296.81	872.21
24/24	22/24	18/24	542.02	314.3	934.76
24/24	23/24	0/24	204.96	131.25	320.07
24/24	23/24	1/24	219.2	140.15	342.83
24/24	23/24	2/24	234.35	149.46	367.47
24/24	23/24	3/24	250.49	159.17	394.20
24/24	23/24	4/24	267.78	169.36	423.4
24/24	23/24	5/24	286.35	180.05	455.41
24/24	23/24	6/24	306.42	191.33	490.72
24/24	23/24	7/24	328.19	203.28	529.85
24/24	23/24	8/24	351.84	215.95	573.24
24/24	23/24	9/24	377.7	229.51	621.56
24/24	23/24	10/24	406.06	244.14	675.37
24/24	23/24	11/24	437.26	260.07	735.17
24/24	23/24	12/24	471.51	277.56	800.99

CN/NC/CZ			MPN/NPP	LO/LI/UG	UP/LS/OG
24/24	23/24	13/24	509.27	297.05	873.11
24/24	23/24	14/24	550.68	318.92	950.86
24/24	23/24	15/24	596.11	343.68	1033.93
24/24	23/24	16/24	645.66	371.72	1121.48
24/24	23/24	17/24	699.44	403.3	1213.01
24/24	23/24	18/24	757.72	438.71	1308.72
24/24	23/24	19/24	820.67	477.99	1409.03



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