



SPARC M10-4S
with
Oracle Database 11g Release 2

TPC-H Rev. 2.16.0
TPC-Pricing 2.0.0

Report Date
February 5, 2014

Total System Cost

Composite Query per Hour Metric

Price / Performance

¥497,594,500

326,454.1
QphH@1000GB

¥1,524.25
¥ / QphH@1000GB

Database Size

Database Manager

Operating System

Other Software

Availability Date

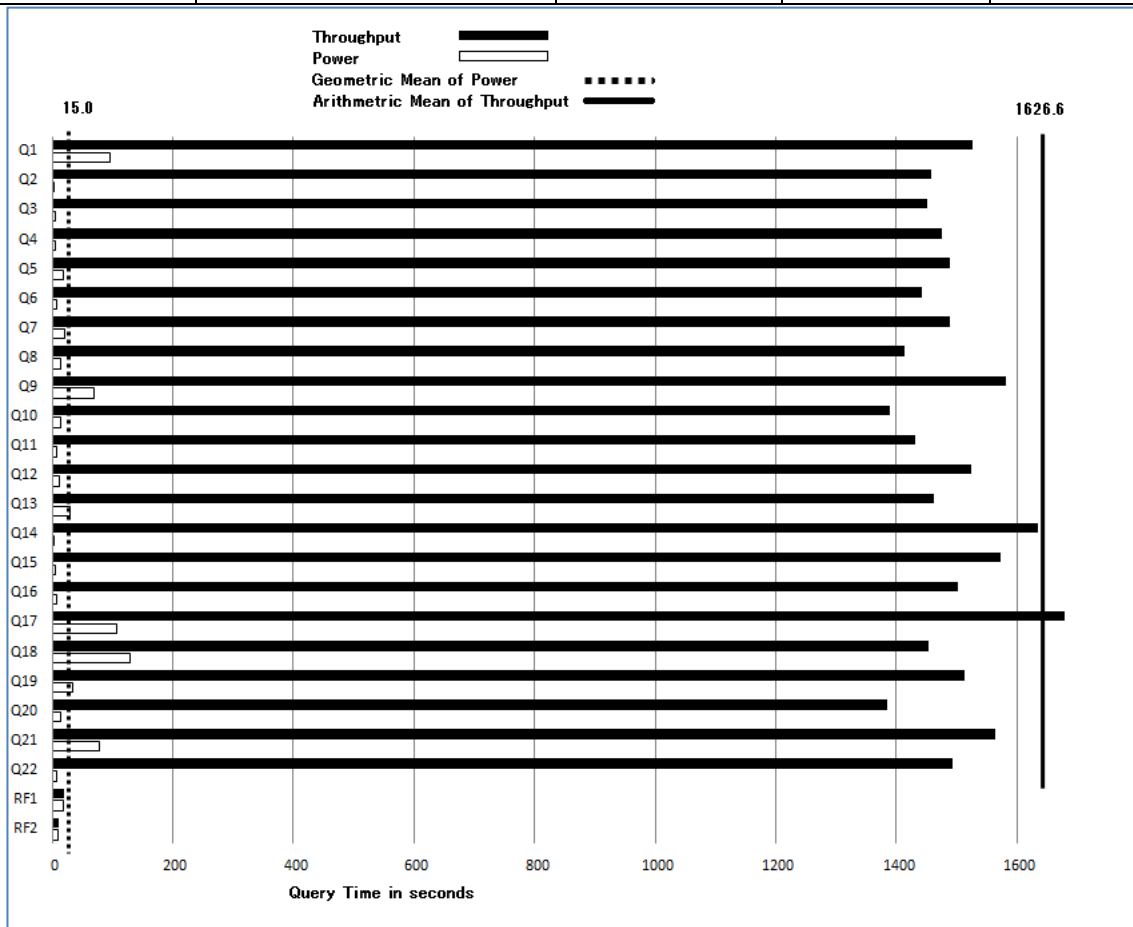
1000 GB

**Oracle Database 11g Release 2
Enterprise Edition
with Partitioning**

**Oracle Solaris 11
11.1.8.4.0**

C++ Compiler

February 5, 2014



Database Load Time = 01:33:47
Load Includes Backup: N
Data Storage / Database Size = 65.8
Memory to Database Size Percentage = 300%

Storage Redundancy Levels:
Base Tables: Level Three
Auxiliary Data Structures: Level Three
DBMS Temporary space: Level Zero
OS and DBMS software: Level One

System Configuration:

Processors:

Memory:

Storage:

SPARC M10-4S Server

4 SPARC64™ X 3.0 GHz processors (each is 1 chip, 16 cores, 32 threads)
2TB

7 Expansion File Unit with a total of
70 2.5" 200GB SAS SSD

2 ETERNUS DX410 S2 with a total of
72 3.5" 400GB SAS SSD
72 3.5" 15Krpm 300GB SAS HDD

1 2.5" 10Krpm 600GB SAS HDD (Internal for SPARC M10-4S)
4 2.5" 200GB SAS SSD (Internal for SPARC M10-4S)

Total Storage:

65,800GB (1 GB = 1024 * 1024 * 1024 bytes)



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Description	Part Number	Price Source	Unit Price	Qty	Extended Price	3yr. Maint. Price
Server Hardware						
SPARC M10-4S Base Unit (2 x SPARC64™ X 3.0GHz CPU, Solaris 11.1 Pre-installed)	SPMCBAA1EF	1	14,193,000	1	14,193,000	6,948,720
CPU Module (2 x SPARC64™ X 3.0GHz CPU)	SPMC1AA1F	1	3,222,000	1	3,222,000	1,577,160
CPU Activation (2 CPU cores)	SPMC1RU21F	1	279,000	32	8,928,000	4,366,080
Eight 32GB DDR3 DIMMs	SPMD2CB1F	1	3,450,000	8	27,600,000	13,512,960
Power Cable	SP0X62D03F	1	9,000	2	18,000	0
600GB SAS HDD	SPME3A11F	1	86,000	1	86,000	41,760
200GB SAS SSD	SPME3Y22F	1	463,000	4	1,852,000	905,760
6Gbps SAS PCIe	SE0X7SA2F	1	102,000	7	714,000	143,640
SAS cable 1.5m	CBL-SASM01	1	23,000	14	322,000	0
8 Gb FC PCIe, QLogic, Dual Port	SE0X7F22F	1	640,000	2	1,280,000	259,920
FC cable 2m	CBL-MLLB02	1	25,000	4	100,000	0
19-inch rack 42U (W=700mm) Model 2742 (Base)	19R-274A2	1	208,000	1	208,000	0
19-inch rack 42U (W=700mm) Model 2742 (Expansion)	19R-274B2	1	198,000	1	198,000	0
Blank Panel (1U)	19RB26BP1	1	1,000	12	12,000	0
PRIMERGY TX100 S3 Base Unit	PYT10PT3S	1	22,800	1	22,800	48,960
Power Cord (AC100V/2m)	PYBCBP101	1	2,000	1	2,000	0
Server View Suite DVD(Tools) & Document	PYBSVT1	1	100	1	100	0
Celeron G1610 (2.60GHz/2C2T/2MB/1333MHz)	PYBCP10CK	1	18,000	1	18,000	4,320
Memory 2GB (One 2GB 1600 UDIMM)	PYBME02UB	1	9,000	1	9,000	1,800
Internal DVD-ROM Drive	PYBDV103	1	5,000	1	5,000	1,800
3.5" SATA HDD 250GB (7200rpm)	PYBPH252A	1	11,000	1	11,000	2,160
Color LCD Monitor 17"	VL-17BSE	1	40,200	1	40,200	14,400
OADG Keyboard (USB/109 Key)	PYBKBU1T1	1	5,000	1	5,000	1,800
Optional Mouse (USB/Optical)	PYBMSU102	1	3,000	1	3,000	1,800
Support Desk Standard24 (Red Hat Enterprise Linux Basic Support 2CPU/1guest) 3yr.	PYBSPR3A01	1	0	1	0	392,000
Red Hat Enterprise Linux 6.4 (media bundled)	PYBLB64	1	1,000	1	1,000	0
Server Hardware Subtotal					58,850,100	28,225,040
Storage						
Expansion File Unit	SE0X9FL3F	1	441,000	7	3,087,000	624,960
200GB SAS SSD	SE0X3Y32F	1	463,000	70	32,410,000	15,850,800
ETERNUS DX 410 S2 Base Unit	ET412SA	1	3,480,000	2	6,960,000	998,640
Dual Host Interface (8Gbit/s, FC, 4port)	ETNHF22	1	2,000,000	2	4,000,000	577,440
Cache Memory	ETNM24	1	3,800,000	4	15,200,000	2,172,960
Drive Enclosure	ETNAD2D	1	900,000	24	21,600,000	3,170,880
One SSD (3.5inch) 400GB MLC for DX400 S2	ETNS4HE	1	1,278,000	72	92,016,000	13,737,600
One Disk Drive (3.5inch) 300GB/15krpm SAS for DX400 S2	ETND3HD	1	350,000	72	25,200,000	3,862,080
Storage Subtotal					200,473,000	40,995,360



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Description	Part Number	Price Source	Unit Price	Qty	Extended Price	3yr. Maint. Price
Server Software						
Oracle Database 11g Release 2 Enterprise Edition, Processor License	D23QGF481	1	6,289,900	32	201,276,800	83,598,720
Oracle Partitioning, Processor License	D23QH2381	1	1,525,000	32	48,800,000	20,240,000
Software support for Solaris Development Tools		2	130,440	3	0	391,320
					Server Software Subtotal	104,230,040
					Total	173,450,440
					Discount	(185,255,840)
					3yr. Cost of Ownership	¥ 497,594,500 JPY
					QphH@1000GB	326,554.8
					¥/QphH@1000GB	¥1,523.77JPY

Notes:

Price Source: 1=Fujitsu Ltd., 2=Oracle Corp. Japan
Discounts are applied to total cost.

Results independently audited by: Francois Raab of InfoSizing, Inc. (www.sizing.com)

Prices used in TPC benchmarks reflect the actual prices a customer would pay for a one-time purchase of the stated components. Individually negotiated discounts are not permitted. Special prices based on assumptions about past or future purchases are not permitted. All discounts reflect standard pricing policies for the listed components. For complete details, see the pricing sections of the TPC benchmark specifications. If you find that the stated prices are not available according to these terms, please inform the TPC at pricing@tpc.org. Thank you.



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Numerical Quantities

Measurement Results

Database Scale Factor	= 1000 GB
Total Data Storage / Database Size	= 65.8
Start of Database Load	= 01/28/2014 06:28:15
End of Database Load	= 01/28/2014 08:02:02
Database Load Time	= 01:33:47
Query Streams for Throughput Test	= 256
TPC-H Power	= 239,865.4
TPC-H Throughput	= 444,300.3
TPC-H Composite Query-per-Hour Metric (QphH@1,000GB)	= 326,454.1
Total System Price Over 3 Years	= ¥497,594,500
TPC-H Price/ Performance Metric (¥/QphH@1,000GB)	= ¥1,524.25

Measurement Interval

Measurement Interval in Throughput Test (Ts) = 45,634seconds

Duration of Stream Execution

Power Run	Seed	RF1 Start	Duration	Query Start	RF2 Start
		RF1 End		Query End	RF2 End
	128080202	2014-01-28 21:06:32	00 00:11:22	2014-01-28 21:06:13	2014-01-28 21:17:54
		2014-01-28 21:17:54		682	2014-01-28 21:06:32

Throughput Stream	Seed	Query Start Query End	Duration	RF1 Start RF1 End	RF2 Start RF2 End
1	128080203	2014-01-28 21:18:11	00 09:39:50	2014-01-29 07:52:34	2014-01-29 07:52:53
		2014-01-29 06:58:01	34,790	2014-01-29 07:52:53	2014-01-29 07:53:03
2	128080204	2014-01-28 21:18:11	00 09:35:58	2014-01-29 07:53:03	2014-01-29 07:53:22
		2014-01-29 06:54:09	34,558	2014-01-29 07:53:22	2014-01-29 07:53:32
3	128080205	2014-01-28 21:18:11	00 09:37:00	2014-01-29 07:53:32	2014-01-29 07:53:51
		2014-01-29 06:55:11	34,620	2014-01-29 07:53:51	2014-01-29 07:54:01
4	128080206	2014-01-28 21:18:11	00 09:36:49	2014-01-29 07:54:01	2014-01-29 07:54:19
		2014-01-29 06:55:00	34,609	2014-01-29 07:54:19	2014-01-29 07:54:30
5	128080207	2014-01-28 21:18:11	00 09:34:23	2014-01-29 07:54:30	2014-01-29 07:54:48
		2014-01-29 06:52:34	34,463	2014-01-29 07:54:48	2014-01-29 07:54:58
6	128080208	2014-01-28 21:18:11	00 09:30:37	2014-01-29 07:54:58	2014-01-29 07:55:17
		2014-01-29 06:48:48	34,237	2014-01-29 07:55:17	2014-01-29 07:55:27
7	128080209	2014-01-28 21:18:11	00 09:39:24	2014-01-29 07:55:27	2014-01-29 07:55:46
		2014-01-29 06:57:35	34,764	2014-01-29 07:55:46	2014-01-29 07:55:56
8	128080210	2014-01-28 21:18:11	00 09:39:57	2014-01-29 07:55:56	2014-01-29 07:56:15
		2014-01-29 06:58:08	34,797	2014-01-29 07:56:15	2014-01-29 07:56:26
9	128080211	2014-01-28 21:18:11	00 09:31:03	2014-01-29 07:56:26	2014-01-29 07:56:44
		2014-01-29 06:49:14	34,263	2014-01-29 07:56:44	2014-01-29 07:56:55
10	128080212	2014-01-28 21:18:11	00 09:39:57	2014-01-29 07:56:55	2014-01-29 07:57:13
		2014-01-29 06:58:08	34,797	2014-01-29 07:57:13	2014-01-29 07:57:24
11	128080213	2014-01-28 21:18:11	00 09:35:58	2014-01-29 07:57:24	2014-01-29 07:57:42
		2014-01-29 06:54:09	34,558	2014-01-29 07:57:42	2014-01-29 07:57:53
12	128080214	2014-01-28 21:18:11	00 09:34:23	2014-01-29 07:57:53	2014-01-29 07:58:12
		2014-01-29 06:52:34	34,463	2014-01-29 07:58:12	2014-01-29 07:58:22
13	128080215	2014-01-28 21:18:11	00 09:39:33	2014-01-29 07:58:22	2014-01-29 07:58:41
		2014-01-29 06:57:44	34,773	2014-01-29 07:58:41	2014-01-29 07:58:52
14	128080216	2014-01-28 21:18:11	00 09:36:51	2014-01-29 07:58:52	2014-01-29 07:59:11
		2014-01-29 06:55:02	34,611	2014-01-29 07:59:11	2014-01-29 07:59:21
15	128080217	2014-01-28 21:18:11	00 09:32:07	2014-01-29 07:59:21	2014-01-29 07:59:40
		2014-01-29 06:50:18	34,327	2014-01-29 07:59:40	2014-01-29 07:59:50
16	128080218	2014-01-28 21:18:11	00 09:45:13	2014-01-29 07:59:50	2014-01-29 08:00:10
		2014-01-29 07:03:24	35,113	2014-01-29 08:00:10	2014-01-29 08:00:20
17	128080219	2014-01-28 21:18:11	00 09:36:37	2014-01-29 08:00:20	2014-01-29 08:00:39
		2014-01-29 06:54:48	34,597	2014-01-29 08:00:39	2014-01-29 08:00:50
18	128080220	2014-01-28 21:18:11	00 09:31:30	2014-01-29 08:00:50	2014-01-29 08:01:08
		2014-01-29 06:49:41	34,290	2014-01-29 08:01:08	2014-01-29 08:01:19
19	128080221	2014-01-28 21:18:11	00 09:31:40	2014-01-29 08:01:19	2014-01-29 08:01:38
		2014-01-29 06:49:51	34,300	2014-01-29 08:01:38	2014-01-29 08:01:48
20	128080222	2014-01-28 21:18:11	00 09:31:40	2014-01-29 08:01:48	2014-01-29 08:02:07
		2014-01-29 06:49:51	34,300	2014-01-29 08:02:07	2014-01-29 08:02:17
21	128080223	2014-01-28 21:18:11	00 09:32:13	2014-01-29 08:02:17	2014-01-29 08:02:36
		2014-01-29 06:50:24	34,333	2014-01-29 08:02:36	2014-01-29 08:02:47
22	128080224	2014-01-28 21:18:11	00 09:37:12	2014-01-29 08:02:47	2014-01-29 08:03:06
		2014-01-29 06:55:23	34,632	2014-01-29 08:03:06	2014-01-29 08:03:16
23	128080225	2014-01-28 21:18:11	00 09:35:17	2014-01-29 08:03:16	2014-01-29 08:03:38
		2014-01-29 06:53:28	34,517	2014-01-29 08:03:38	2014-01-29 08:03:48
24	128080226	2014-01-28 21:18:11	00 09:33:59	2014-01-29 08:03:48	2014-01-29 08:04:07
		2014-01-29 06:52:10	34,439	2014-01-29 08:04:07	2014-01-29 08:04:18
25	128080227	2014-01-28 21:18:11	00 09:36:37	2014-01-29 08:04:18	2014-01-29 08:04:36
		2014-01-29 06:54:48	34,597	2014-01-29 08:04:36	2014-01-29 08:04:47
26	128080228	2014-01-28 21:18:11	00 09:36:37	2014-01-29 08:04:47	2014-01-29 08:05:06
		2014-01-29 06:54:48	34,597	2014-01-29 08:05:06	2014-01-29 08:05:16
27	128080229	2014-01-28 21:18:11	00 09:35:30	2014-01-29 08:05:16	2014-01-29 08:05:35
		2014-01-29 06:53:41	34,530	2014-01-29 08:05:35	2014-01-29 08:05:45
28	128080230	2014-01-28 21:18:11	00 09:46:15	2014-01-29 08:05:45	2014-01-29 08:06:04
		2014-01-29 07:04:26	35,175	2014-01-29 08:06:04	2014-01-29 08:06:15
29	128080231	2014-01-28 21:18:11	00 09:46:18	2014-01-29 08:06:15	2014-01-29 08:06:34
		2014-01-29 07:04:29	35,178	2014-01-29 08:06:34	2014-01-29 08:06:44

Throughput Stream	Seed	Query Start Query End	Duration	RF1 Start RF1 End	RF2 Start RF2 End
30	128080232	2014-01-28 21:18:11	00 09:45:34	2014-01-29 08:06:44	2014-01-29 08:07:03
		2014-01-29 07:03:45	35,134	2014-01-29 08:07:03	2014-01-29 08:07:13
31	128080233	2014-01-28 21:18:11	00 09:39:50	2014-01-29 08:07:13	2014-01-29 08:07:32
		2014-01-29 06:58:01	34,790	2014-01-29 08:07:32	2014-01-29 08:07:42
32	128080234	2014-01-28 21:18:11	00 09:32:10	2014-01-29 08:07:42	2014-01-29 08:08:01
		2014-01-29 06:50:21	34,330	2014-01-29 08:08:01	2014-01-29 08:08:12
33	128080235	2014-01-28 21:18:11	00 09:36:32	2014-01-29 08:08:12	2014-01-29 08:08:31
		2014-01-29 06:54:43	34,592	2014-01-29 08:08:31	2014-01-29 08:08:41
34	128080236	2014-01-28 21:18:11	00 09:36:01	2014-01-29 08:08:41	2014-01-29 08:09:00
		2014-01-29 06:54:12	34,561	2014-01-29 08:09:00	2014-01-29 08:09:11
35	128080237	2014-01-28 21:18:11	00 09:41:12	2014-01-29 08:09:11	2014-01-29 08:09:30
		2014-01-29 06:59:23	34,872	2014-01-29 08:09:30	2014-01-29 08:09:40
36	128080238	2014-01-28 21:18:11	00 09:39:56	2014-01-29 08:09:40	2014-01-29 08:09:59
		2014-01-29 06:58:07	34,796	2014-01-29 08:09:59	2014-01-29 08:10:09
37	128080239	2014-01-28 21:18:11	00 09:34:23	2014-01-29 08:10:09	2014-01-29 08:10:28
		2014-01-29 06:52:34	34,463	2014-01-29 08:10:28	2014-01-29 08:10:39
38	128080240	2014-01-28 21:18:11	00 09:39:24	2014-01-29 08:10:39	2014-01-29 08:10:58
		2014-01-29 06:57:35	34,764	2014-01-29 08:10:58	2014-01-29 08:11:08
39	128080241	2014-01-28 21:18:11	00 09:36:42	2014-01-29 08:11:08	2014-01-29 08:11:27
		2014-01-29 06:54:53	34,602	2014-01-29 08:11:27	2014-01-29 08:11:38
40	128080242	2014-01-28 21:18:11	00 09:34:18	2014-01-29 08:11:38	2014-01-29 08:11:57
		2014-01-29 06:52:29	34,458	2014-01-29 08:11:57	2014-01-29 08:12:07
41	128080243	2014-01-28 21:18:11	00 09:38:09	2014-01-29 08:12:07	2014-01-29 08:12:26
		2014-01-29 06:56:20	34,689	2014-01-29 08:12:26	2014-01-29 08:12:37
42	128080244	2014-01-28 21:18:11	00 09:37:00	2014-01-29 08:12:37	2014-01-29 08:12:56
		2014-01-29 06:55:11	34,620	2014-01-29 08:12:56	2014-01-29 08:13:06
43	128080245	2014-01-28 21:18:11	00 09:36:54	2014-01-29 08:13:06	2014-01-29 08:13:25
		2014-01-29 06:55:05	34,614	2014-01-29 08:13:25	2014-01-29 08:13:35
44	128080246	2014-01-28 21:18:11	00 09:40:23	2014-01-29 08:13:35	2014-01-29 08:13:56
		2014-01-29 06:58:34	34,823	2014-01-29 08:13:56	2014-01-29 08:14:07
45	128080247	2014-01-28 21:18:11	00 09:40:42	2014-01-29 08:14:07	2014-01-29 08:14:26
		2014-01-29 06:58:53	34,842	2014-01-29 08:14:26	2014-01-29 08:14:36
46	128080248	2014-01-28 21:18:11	00 09:53:05	2014-01-29 08:14:36	2014-01-29 08:14:54
		2014-01-29 07:11:16	35,585	2014-01-29 08:14:54	2014-01-29 08:15:05
47	128080249	2014-01-28 21:18:11	00 09:44:26	2014-01-29 08:15:05	2014-01-29 08:15:24
		2014-01-29 07:02:37	35,066	2014-01-29 08:15:24	2014-01-29 08:15:34
48	128080250	2014-01-28 21:18:11	00 09:45:18	2014-01-29 08:15:34	2014-01-29 08:15:53
		2014-01-29 07:03:29	35,118	2014-01-29 08:15:53	2014-01-29 08:16:03
49	128080251	2014-01-28 21:18:11	00 09:46:08	2014-01-29 08:16:03	2014-01-29 08:16:22
		2014-01-29 07:04:19	35,168	2014-01-29 08:16:22	2014-01-29 08:16:33
50	128080252	2014-01-28 21:18:11	00 09:37:27	2014-01-29 08:16:33	2014-01-29 08:16:52
		2014-01-29 06:55:38	34,647	2014-01-29 08:16:52	2014-01-29 08:17:02
51	128080253	2014-01-28 21:18:11	00 09:39:53	2014-01-29 08:17:02	2014-01-29 08:17:24
		2014-01-29 06:58:04	34,793	2014-01-29 08:17:24	2014-01-29 08:17:34
52	128080254	2014-01-28 21:18:11	00 09:36:32	2014-01-29 08:17:34	2014-01-29 08:17:53
		2014-01-29 06:54:43	34,592	2014-01-29 08:17:53	2014-01-29 08:18:03
53	128080255	2014-01-28 21:18:11	00 09:40:50	2014-01-29 08:18:03	2014-01-29 08:18:22
		2014-01-29 06:59:01	34,850	2014-01-29 08:18:22	2014-01-29 08:18:32
54	128080256	2014-01-28 21:18:11	00 09:42:33	2014-01-29 08:18:32	2014-01-29 08:18:51
		2014-01-29 07:00:44	34,953	2014-01-29 08:18:51	2014-01-29 08:19:01
55	128080257	2014-01-28 21:18:12	00 09:45:12	2014-01-29 08:19:01	2014-01-29 08:19:21
		2014-01-29 07:03:24	35,112	2014-01-29 08:19:21	2014-01-29 08:19:31
56	128080258	2014-01-28 21:18:12	00 09:39:23	2014-01-29 08:19:31	2014-01-29 08:19:50
		2014-01-29 06:57:35	34,763	2014-01-29 08:19:50	2014-01-29 08:20:00
57	128080259	2014-01-28 21:18:12	00 09:46:44	2014-01-29 08:20:00	2014-01-29 08:20:19
		2014-01-29 07:04:56	35,204	2014-01-29 08:20:19	2014-01-29 08:20:29
58	128080260	2014-01-28 21:18:12	00 09:45:12	2014-01-29 08:20:29	2014-01-29 08:20:48
		2014-01-29 07:03:24	35,112	2014-01-29 08:20:48	2014-01-29 08:20:59

Throughput Stream	Seed	Query Start Query End	Duration	RF1 Start RF1 End	RF2 Start RF2 End
59	128080261	2014-01-28 21:18:12	00 09:36:50	2014-01-29 08:20:59	2014-01-29 08:21:18
		2014-01-29 06:55:02	34,610	2014-01-29 08:21:18	2014-01-29 08:21:29
60	128080262	2014-01-28 21:18:12	00 09:36:31	2014-01-29 08:21:29	2014-01-29 08:21:48
		2014-01-29 06:54:43	34,591	2014-01-29 08:21:48	2014-01-29 08:21:58
61	128080263	2014-01-28 21:18:12	00 09:38:55	2014-01-29 08:21:58	2014-01-29 08:22:17
		2014-01-29 06:57:07	34,735	2014-01-29 08:22:17	2014-01-29 08:22:27
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		2014-01-29 06:59:17	34,865	2014-01-29 08:27:38	2014-01-29 08:27:48
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		2014-01-29 07:02:48	35,076	2014-01-29 08:29:35	2014-01-29 08:29:46
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		2014-01-29 06:58:24	34,812	2014-01-29 08:30:34	2014-01-29 08:30:44
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		2014-01-29 07:02:40	35,068	2014-01-29 08:32:33	2014-01-29 08:32:43
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		2014-01-29 07:06:12	35,280	2014-01-29 08:33:02	2014-01-29 08:33:12
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86	128080288	2014-01-28 21:18:12	00 09:40:55	2014-01-29 08:34:11	2014-01-29 08:34:30
		2014-01-29 06:59:07	34,855	2014-01-29 08:34:30	2014-01-29 08:34:40
87	128080289	2014-01-28 21:18:12	00 09:41:11	2014-01-29 08:34:40	2014-01-29 08:34:59
		2014-01-29 06:59:23	34,871	2014-01-29 08:34:59	2014-01-29 08:35:10

Throughput Stream	Seed	Query Start Query End	Duration	RF1 Start RF1 End	RF2 Start RF2 End
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89	128080291	2014-01-28 21:18:12	00 09:47:02	2014-01-29 08:35:39	2014-01-29 08:35:58
		2014-01-29 07:05:14	35,222	2014-01-29 08:35:58	2014-01-29 08:36:08
90	128080292	2014-01-28 21:18:12	00 09:47:33	2014-01-29 08:36:08	2014-01-29 08:36:27
		2014-01-29 07:05:45	35,253	2014-01-29 08:36:27	2014-01-29 08:36:38
91	128080293	2014-01-28 21:18:12	00 09:45:31	2014-01-29 08:36:38	2014-01-29 08:36:57
		2014-01-29 07:03:43	35,131	2014-01-29 08:36:57	2014-01-29 08:37:07
92	128080294	2014-01-28 21:18:12	00 09:41:30	2014-01-29 08:37:07	2014-01-29 08:37:26
		2014-01-29 06:59:42	34,890	2014-01-29 08:37:26	2014-01-29 08:37:36
93	128080295	2014-01-28 21:18:12	00 09:45:12	2014-01-29 08:37:36	2014-01-29 08:37:55
		2014-01-29 07:03:24	35,112	2014-01-29 08:37:55	2014-01-29 08:38:05
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		2014-01-29 07:13:30	35,718	2014-01-29 08:40:22	2014-01-29 08:40:32
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		2014-01-29 07:05:22	35,230	2014-01-29 08:40:52	2014-01-29 08:41:02
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		2014-01-29 07:05:28	35,236	2014-01-29 08:41:53	2014-01-29 08:42:03
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		2014-01-29 07:09:50	35,498	2014-01-29 08:42:23	2014-01-29 08:42:33
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		2014-01-29 07:09:09	35,457	2014-01-29 08:42:52	2014-01-29 08:43:02
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		2014-01-29 06:59:42	34,890	2014-01-29 08:44:20	2014-01-29 08:44:30
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		2014-01-29 07:05:51	35,259	2014-01-29 08:44:49	2014-01-29 08:44:59
108	128080310	2014-01-28 21:18:12	00 09:46:01	2014-01-29 08:44:59	2014-01-29 08:45:19
		2014-01-29 07:04:13	35,161	2014-01-29 08:45:19	2014-01-29 08:45:29
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		2014-01-29 07:02:17	35,045	2014-01-29 08:45:48	2014-01-29 08:45:58
110	128080312	2014-01-28 21:18:12	00 09:45:42	2014-01-29 08:45:58	2014-01-29 08:46:18
		2014-01-29 07:03:54	35,142	2014-01-29 08:46:18	2014-01-29 08:46:28
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		2014-01-29 07:15:24	35,832	2014-01-29 08:46:47	2014-01-29 08:46:58
112	128080314	2014-01-28 21:18:12	00 10:10:03	2014-01-29 08:46:58	2014-01-29 08:47:17
		2014-01-29 07:28:15	36,603	2014-01-29 08:47:17	2014-01-29 08:47:27
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		2014-01-29 07:06:08	35,276	2014-01-29 08:47:46	2014-01-29 08:47:56
114	128080316	2014-01-28 21:18:12	00 09:46:44	2014-01-29 08:47:56	2014-01-29 08:48:15
		2014-01-29 07:04:56	35,204	2014-01-29 08:48:15	2014-01-29 08:48:25
115	128080317	2014-01-28 21:18:12	00 09:50:00	2014-01-29 08:48:25	2014-01-29 08:48:44
		2014-01-29 07:08:12	35,400	2014-01-29 08:48:44	2014-01-29 08:48:54
116	128080318	2014-01-28 21:18:12	00 09:53:04	2014-01-29 08:48:54	2014-01-29 08:49:14
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118	128080320	2014-01-28 21:18:12	00 09:47:16	2014-01-29 08:49:53	2014-01-29 08:50:12
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		2014-01-29 07:14:34	35,782	2014-01-29 08:50:42	2014-01-29 08:50:52
120	128080322	2014-01-28 21:18:12	00 09:57:19	2014-01-29 08:50:52	2014-01-29 08:51:12
		2014-01-29 07:15:31	35,839	2014-01-29 08:51:12	2014-01-29 08:51:22
121	128080323	2014-01-28 21:18:12	00 09:58:15	2014-01-29 08:51:22	2014-01-29 08:51:41
		2014-01-29 07:16:27	35,895	2014-01-29 08:51:41	2014-01-29 08:51:51
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		2014-01-29 07:11:12	35,580	2014-01-29 08:52:40	2014-01-29 08:52:50
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		2014-01-29 07:09:17	35,465	2014-01-29 08:53:09	2014-01-29 08:53:20
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		2014-01-29 07:09:06	35,454	2014-01-29 08:53:39	2014-01-29 08:53:49
126	128080328	2014-01-28 21:18:13	00 09:47:38	2014-01-29 08:53:49	2014-01-29 08:54:09
		2014-01-29 07:05:51	35,258	2014-01-29 08:54:09	2014-01-29 08:54:19
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		2014-01-29 07:03:50	35,137	2014-01-29 08:54:38	2014-01-29 08:54:49
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		2014-01-29 07:08:12	35,399	2014-01-29 08:55:08	2014-01-29 08:55:18
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		2014-01-29 07:18:06	35,993	2014-01-29 08:55:37	2014-01-29 08:55:48
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131	128080333	2014-01-28 21:18:13	00 10:05:02	2014-01-29 08:56:17	2014-01-29 08:56:37
		2014-01-29 07:23:15	36,302	2014-01-29 08:56:37	2014-01-29 08:56:47
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		2014-01-29 07:08:12	35,399	2014-01-29 08:57:36	2014-01-29 08:57:46
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		2014-01-29 07:47:47	37,774	2014-01-29 08:58:34	2014-01-29 08:58:45
136	128080338	2014-01-28 21:18:13	00 09:57:12	2014-01-29 08:58:45	2014-01-29 08:59:04
		2014-01-29 07:15:25	35,832	2014-01-29 08:59:04	2014-01-29 08:59:15
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138	128080340	2014-01-28 21:18:13	00 09:56:13	2014-01-29 08:59:44	2014-01-29 09:00:03
		2014-01-29 07:14:26	35,773	2014-01-29 09:00:03	2014-01-29 09:00:13
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		2014-01-29 07:38:23	37,210	2014-01-29 09:00:33	2014-01-29 09:00:44
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		2014-01-29 07:06:48	35,315	2014-01-29 09:02:31	2014-01-29 09:02:41
144	128080346	2014-01-28 21:18:13	00 09:53:06	2014-01-29 09:02:41	2014-01-29 09:03:01
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Throughput Stream	Seed	Query Start Query End	Duration	RF1 Start RF1 End	RF2 Start RF2 End
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		2014-01-29 07:13:48	35,735	2014-01-29 09:03:59	2014-01-29 09:04:10
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		2014-01-29 07:13:55	35,742	2014-01-29 09:04:29	2014-01-29 09:04:39
148	128080350	2014-01-28 21:18:13	00 09:48:04	2014-01-29 09:04:39	2014-01-29 09:04:58
		2014-01-29 07:06:17	35,284	2014-01-29 09:04:58	2014-01-29 09:05:09
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		2014-01-29 07:11:16	35,583	2014-01-29 09:05:28	2014-01-29 09:05:38
150	128080352	2014-01-28 21:18:13	00 09:52:40	2014-01-29 09:05:38	2014-01-29 09:05:57
		2014-01-29 07:10:53	35,560	2014-01-29 09:05:57	2014-01-29 09:06:08
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		2014-01-29 07:18:28	36,015	2014-01-29 09:06:27	2014-01-29 09:06:37
152	128080354	2014-01-28 21:18:13	00 09:59:28	2014-01-29 09:06:37	2014-01-29 09:06:56
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		2014-01-29 07:23:52	36,339	2014-01-29 09:18:49	2014-01-29 09:19:02
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		2014-01-29 07:19:30	36,077	2014-01-29 09:19:21	2014-01-29 09:19:32
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		2014-01-29 07:24:47	36,394	2014-01-29 09:19:51	2014-01-29 09:20:01
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193	128080395	2014-01-28 21:18:13	00 10:01:58	2014-01-29 09:26:57	2014-01-29 09:27:16
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202	128080404	2014-01-28 21:18:14	00 10:16:53	2014-01-29 09:31:24	2014-01-29 09:31:43
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207	128080409	2014-01-28 21:18:14	00 10:07:03	2014-01-29 09:33:52	2014-01-29 09:34:12
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208	128080410	2014-01-28 21:18:14	00 10:22:28	2014-01-29 09:34:22	2014-01-29 09:34:41
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237	128080439	2014-01-28 21:18:14	00 10:20:14	2014-01-29 09:48:48	2014-01-29 09:49:08
		2014-01-29 07:38:28	37,214	2014-01-29 09:49:08	2014-01-29 09:49:18
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		2014-01-29 07:47:23	37,749	2014-01-29 09:49:38	2014-01-29 09:49:48
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		2014-01-29 07:38:51	37,237	2014-01-29 09:51:36	2014-01-29 09:51:46
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244	128080446	2014-01-28 21:18:14	00 10:25:39	2014-01-29 09:52:16	2014-01-29 09:52:41
		2014-01-29 07:43:53	37,539	2014-01-29 09:52:41	2014-01-29 09:52:52
245	128080447	2014-01-28 21:18:14	00 10:25:20	2014-01-29 09:52:52	2014-01-29 09:53:11
		2014-01-29 07:43:34	37,520	2014-01-29 09:53:11	2014-01-29 09:53:21
246	128080448	2014-01-28 21:18:14	00 10:21:16	2014-01-29 09:53:21	2014-01-29 09:53:40
		2014-01-29 07:39:30	37,276	2014-01-29 09:53:40	2014-01-29 09:53:51
247	128080449	2014-01-28 21:18:14	00 10:25:50	2014-01-29 09:53:51	2014-01-29 09:54:10
		2014-01-29 07:44:04	37,550	2014-01-29 09:54:10	2014-01-29 09:54:20
248	128080450	2014-01-28 21:18:14	00 10:25:06	2014-01-29 09:54:20	2014-01-29 09:54:39
		2014-01-29 07:43:20	37,506	2014-01-29 09:54:39	2014-01-29 09:54:50
249	128080451	2014-01-28 21:18:14	00 10:26:03	2014-01-29 09:54:50	2014-01-29 09:55:09
		2014-01-29 07:44:17	37,563	2014-01-29 09:55:09	2014-01-29 09:55:19
250	128080452	2014-01-28 21:18:14	00 10:23:50	2014-01-29 09:55:19	2014-01-29 09:55:38
		2014-01-29 07:42:04	37,430	2014-01-29 09:55:38	2014-01-29 09:55:48
251	128080453	2014-01-28 21:18:14	00 10:23:04	2014-01-29 09:55:48	2014-01-29 09:56:07
		2014-01-29 07:41:18	37,384	2014-01-29 09:56:07	2014-01-29 09:56:18
252	128080454	2014-01-28 21:18:14	00 10:29:40	2014-01-29 09:56:18	2014-01-29 09:56:37
		2014-01-29 07:47:54	37,780	2014-01-29 09:56:37	2014-01-29 09:56:47
253	128080455	2014-01-28 21:18:14	00 10:26:06	2014-01-29 09:56:47	2014-01-29 09:57:06
		2014-01-29 07:44:20	37,566	2014-01-29 09:57:06	2014-01-29 09:57:17
254	128080456	2014-01-28 21:18:14	00 10:25:34	2014-01-29 09:57:17	2014-01-29 09:57:36
		2014-01-29 07:43:48	37,534	2014-01-29 09:57:36	2014-01-29 09:57:46
255	128080457	2014-01-28 21:18:14	00 10:16:21	2014-01-29 09:57:46	2014-01-29 09:58:05
		2014-01-29 07:34:35	36,981	2014-01-29 09:58:05	2014-01-29 09:58:16
256	128080458	2014-01-28 21:18:14	00 10:21:00	2014-01-29 09:58:16	2014-01-29 09:58:35
		2014-01-29 07:39:14	37,260	2014-01-29 09:58:35	2014-01-29 09:58:45

TPC-H Timing Intervals (in seconds)

Stream ID	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
0	96.3	1.1	5.8	4.2	18.7	7.5	20.6	13.0	70.0	13.6	7.7	11.7
1	1648.0	1106.7	4592.1	1417.6	1966.9	2095.0	1439.8	906.6	1524.8	1333.4	1539.7	1453.3
2	1215.2	2158.2	1132.2	1130.3	1317.7	7.4	1310.8	1476.0	2282.1	1402.9	1386.2	1364.6
3	2438.7	797.9	1282.1	2746.4	4627.4	1972.8	1481.2	268.1	1408.2	1154.7	1311.5	1517.8
4	1197.8	1361.0	1452.5	1077.3	54.1	2171.6	1598.2	1381.0	1443.7	1085.3	1299.9	2181.5
5	1455.5	1090.2	1258.2	2784.9	876.5	1900.1	1619.5	1000.2	1397.6	1339.3	1296.3	1479.5
6	1220.0	914.6	4700.6	1127.0	1172.3	1564.8	2243.1	1471.3	2102.6	93.9	1337.8	1298.1
7	1199.7	1601.8	1345.9	1572.2	1171.3	1492.6	849.6	4577.9	1358.4	1173.1	1310.9	1398.0
8	4928.9	1463.3	1155.0	1377.0	1662.9	1212.8	1416.1	1567.3	2081.5	1171.3	1406.8	2056.5
9	866.3	2774.3	1399.9	1217.3	1312.1	2132.1	954.9	318.5	1415.3	1161.4	1337.0	1375.4
10	1802.4	1918.5	1158.2	1064.9	1390.1	266.5	2114.4	1571.3	1280.0	1123.7	1524.9	1797.1
11	1077.3	1268.1	1217.1	1312.7	1247.0	1196.9	1460.1	1362.4	787.5	1539.7	2225.0	1311.2
12	651.1	1247.1	1140.7	1154.7	1311.2	2208.1	4460.8	1014.5	1403.2	1264.2	1408.2	2075.7
13	1784.0	1308.8	1837.0	1275.9	1156.1	1376.3	2766.8	1166.2	1314.0	1621.9	1104.5	2088.3
14	1474.2	274.9	1137.9	1984.4	2628.8	1299.1	1413.5	813.9	4769.5	1510.8	1179.6	1536.0
15	980.5	1199.1	1107.0	1336.5	1361.0	1000.9	1386.9	1976.8	4715.7	2156.2	1445.4	2224.0
16	745.0	1574.9	4416.2	1366.1	1851.1	2730.1	1585.9	827.7	1200.4	1245.4	1317.6	1325.7
17	1146.3	2146.4	369.9	1186.0	2684.6	1472.4	1207.1	1289.0	1573.5	974.5	1973.1	1329.0
18	1289.1	1266.3	1047.0	4591.2	2023.2	2132.1	1286.5	2197.8	883.8	1182.5	1474.2	976.6
19	1296.6	2183.5	1150.8	414.4	1528.7	883.8	1295.3	1109.5	1133.4	1442.3	1420.3	4607.6
20	1429.5	1237.1	840.4	1591.3	1309.0	1332.0	1046.9	1358.5	983.1	1310.8	1433.0	1380.2
21	1102.7	1329.0	1336.9	2174.5	1333.4	1193.9	879.2	1020.3	1494.0	1423.2	1360.8	2016.0
22	1049.2	1974.7	1136.0	2154.0	1287.3	1132.4	1252.8	811.2	1372.0	1509.7	2167.1	1107.7
23	1106.4	1448.8	1339.3	1139.9	1237.4	1287.8	1451.1	2176.0	2756.3	781.2	2204.5	1603.3
24	866.1	1268.5	4412.0	1415.7	951.8	2195.6	636.3	1194.3	1304.2	2645.7	1349.2	1196.4
25	4569.4	2206.9	1172.9	1499.3	1385.4	1482.3	2037.7	1240.2	1329.0	1472.7	1161.4	1147.9
26	1022.1	4480.4	795.7	1317.7	1852.8	1215.1	1019.6	1291.4	1133.7	1429.5	1585.9	1149.6
27	1220.9	1556.5	1263.8	2240.7	984.3	2034.9	1159.6	1890.6	1605.1	1549.8	1257.0	1133.6
28	2690.4	1181.6	1222.0	1171.9	1152.2	1463.5	1141.8	1134.7	1534.7	681.9	1555.9	2159.7
29	2106.5	851.1	1343.6	1558.2	1881.9	1681.7	1500.7	4463.9	2881.6	685.7	1322.9	1839.5
30	1509.7	1557.5	1604.1	1524.0	1814.8	1250.4	739.6	1152.1	1126.4	1586.2	1516.9	865.7
31	2029.4	670.2	1755.5	1575.4	1429.3	1064.9	1533.9	1318.3	4396.0	1163.0	2241.5	1233.5
32	1333.4	1326.1	1432.6	1848.6	1085.0	1315.4	1369.1	2751.9	1106.7	1286.9	864.6	4451.5
33	1344.0	2737.3	1163.0	1428.8	2081.0	1258.3	1506.1	830.9	1310.8	1242.4	1854.8	1199.3
34	1015.1	1360.4	1756.2	1620.8	1310.8	2025.5	1242.4	1172.4	1179.5	1151.6	2804.5	1018.3
35	1212.8	1369.6	1162.1	1171.3	2192.0	1467.8	1191.5	1620.2	1210.7	1750.4	1445.8	1396.2
36	1173.9	1175.7	1328.3	1841.0	1574.8	1277.9	2819.3	1601.2	885.7	1136.0	1171.0	1545.3
37	1264.2	1138.4	987.8	1333.4	2717.1	2232.1	1315.4	1387.4	2023.0	1076.1	1512.3	1605.7
38	1734.8	1297.4	1198.5	2684.9	4440.6	1986.0	1346.3	1192.6	1398.0	1542.5	1571.7	1308.6
39	1268.9	1317.0	848.8	1356.5	1460.4	1548.5	4376.5	1049.5	795.7	1423.2	1533.3	1173.7
40	1783.9	1202.3	2062.1	2233.6	1336.9	1249.5	980.6	1365.4	1315.4	1515.2	1507.5	1196.9
41	1139.1	4357.4	1346.3	1232.0	1091.2	1619.1	1535.9	1977.7	2879.0	1119.5	1208.7	1328.9
42	1473.6	1215.1	4083.1	1334.6	1754.9	1976.9	1522.9	825.2	1499.3	1271.9	1637.9	1310.7
43	1127.4	1917.7	1152.0	1199.4	1375.2	868.4	1266.2	1255.3	2133.0	1658.1	1501.5	1360.9
44	2214.7	796.3	1415.5	2779.6	4052.1	1754.4	1527.5	1207.8	1496.0	1125.9	1285.8	1571.6
45	1153.0	1269.7	1541.7	1210.9	868.4	1881.9	1515.4	1387.7	1361.1	1165.9	1326.7	2298.4
46	1266.4	1159.7	1308.6	2771.2	818.6	1764.2	1669.2	1175.8	1741.0	1498.3	1420.5	1849.7
47	1271.5	1144.2	4080.2	977.9	1156.1	1567.7	2234.8	1550.8	2020.2	1158.6	1445.0	1314.3
48	1218.3	1512.4	1327.3	1670.9	1163.8	1454.7	828.3	4100.6	1396.9	1169.9	1243.4	1752.3
49	4321.5	1466.3	1097.6	1371.0	1510.5	1143.1	1298.4	1702.0	2245.8	1127.6	1548.8	1838.3
50	805.4	2690.4	1658.6	1284.8	1517.8	2037.7	1142.0	1279.1	1467.3	1129.7	1316.9	1250.2
51	1600.5	1966.5	1200.4	1105.3	1405.3	1163.5	2112.3	1563.1	1249.1	1173.9	1503.0	1640.1
52	1186.0	1124.8	1165.3	1362.5	1286.8	1143.9	1340.7	1311.2	799.2	1593.4	2003.1	1301.8
53	1583.6	1336.0	995.5	1141.6	1219.6	1724.4	4075.4	1218.8	1301.7	1220.6	1362.9	2268.9
54	1538.5	1322.1	1813.2	1225.9	1166.0	1362.6	2692.9	1208.1	1150.8	1658.6	1120.6	2078.9
55	1662.7	1215.2	1073.5	1807.1	2692.7	1557.3	1422.0	860.5	4197.7	1552.7	1233.0	1566.9
56	1142.0	1061.0	1186.1	1538.4	1284.8	1154.0	1351.9	1838.7	4203.2	2050.5	1645.6	1995.7

Stream ID	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
57	1,671.5	1,509.7	3,947.1	1,356.5	1,814.4	2,611.3	1,525.0	867.4	1,228.2	1,255.1	1,248.3	1,149.7
58	1,114.1	2,106.2	1,302.5	1,228.9	2,652.2	1,539.5	1,108.9	1,391.2	1,717.1	1,258.4	1,827.7	1,561.9
59	1,280.9	1,399.0	1,136.6	4,094.6	1,822.7	2,009.2	1,137.9	2,095.3	792.8	1,170.0	1,589.0	1,171.1
60	1,339.6	1,966.7	1,158.2	1,313.4	1,580.4	796.5	1,280.0	1,215.2	1,123.7	1,277.4	1,565.4	4,148.3
61	1,224.5	1,151.1	788.6	1,613.6	1,352.2	1,535.9	1,228.8	1,376.0	1,146.7	1,215.7	1,475.0	1,432.6
62	1,098.1	1,329.0	1,483.2	2,049.8	1,284.5	1,163.7	792.8	1,180.1	1,470.9	1,243.4	1,406.7	1,844.3
63	1,127.6	1,799.9	1,180.0	1,998.8	1,271.5	1,136.3	1,150.7	827.6	1,488.1	1,600.5	2,055.7	1,216.2
64	1,260.8	1,701.8	1,494.0	1,398.8	1,030.5	1,178.3	1,801.0	2,265.5	2,786.3	884.8	1,634.7	1,813.0
65	807.0	1,219.6	3,962.2	1,281.8	1,148.9	1,966.2	1,480.3	1,216.4	1,365.4	2,665.1	1,541.7	1,119.5
66	4,050.3	1,965.6	1,165.2	1,509.0	1,242.5	1,535.9	1,856.9	1,187.6	1,328.9	1,639.6	1,106.8	1,091.2
67	1,148.9	3,963.7	807.0	1,377.0	1,819.9	1,195.8	1,127.6	1,169.6	1,155.0	1,309.0	1,580.4	1,142.2
68	1,164.1	1,563.6	1,289.7	1,891.1	1,209.7	2,090.4	1,097.6	1,825.7	1,773.9	1,467.8	1,204.6	1,151.1
69	2,584.4	1,185.4	1,210.7	1,171.3	1,163.0	1,549.7	1,115.1	1,083.5	1,559.3	1,517.4	1,522.6	1,874.3
70	2,435.5	811.2	1,238.5	1,526.6	1,659.2	1,645.1	1,518.8	4,012.3	2,771.7	1,522.2	1,245.6	1,619.5
71	1,390.0	1,535.0	1,527.9	1,550.0	1,830.7	1,428.0	1,578.0	1,122.1	1,289.6	1,721.6	1,310.4	867.8
72	2,083.3	1,521.4	1,821.2	1,541.1	1,238.4	995.5	1,666.5	1,267.8	4,082.2	1,175.8	1,923.0	1,232.8
73	1,275.9	1,411.6	1,288.4	1,825.4	1,114.3	1,293.2	1,364.5	2,638.1	1,156.1	1,199.4	818.3	4,064.0
74	1,535.6	2,629.6	1,125.9	1,253.0	2,097.9	1,228.9	1,644.7	850.8	1,397.9	1,296.4	1,800.2	1,231.6
75	1,919.3	1,544.5	1,783.9	1,581.0	1,275.9	2,182.4	1,293.2	1,091.5	1,114.3	1,156.1	2,632.7	1,185.1
76	1,234.5	1,380.7	1,153.0	1,148.7	2,281.1	1,482.1	1,220.6	1,549.0	1,266.2	1,580.5	1,526.6	1,306.8
77	1,122.5	1,053.0	1,298.8	1,767.8	1,590.1	1,348.5	2,589.7	1,497.9	1,773.0	1,218.4	1,212.9	1,571.0
78	1,220.6	1,054.3	1,153.0	1,262.5	2,626.1	1,769.3	1,320.5	1,407.7	2,266.5	1,088.7	1,652.1	1,482.1
79	1,921.1	1,278.2	1,147.8	2,619.3	3,913.9	2,198.3	1,372.4	1,257.6	1,540.0	1,349.8	1,536.8	1,267.8
80	1,223.3	1,532.7	1,719.2	1,419.8	1,652.2	1,548.9	3,959.0	1,191.7	823.2	1,238.4	1,529.0	1,115.3
81	1,754.1	1,147.7	2,105.0	1,887.0	1,501.5	1,182.8	1,213.8	1,309.3	1,308.6	1,498.1	1,684.4	1,152.0
82	1,153.0	3,933.6	1,350.0	1,266.2	1,073.5	1,505.8	1,562.4	1,755.0	2,699.0	1,220.6	1,148.7	1,518.1
83	1,543.8	1,052.8	3,670.4	1,539.5	1,831.9	2,238.2	1,643.5	895.2	1,269.5	1,317.5	1,576.7	1,503.0
84	1,118.7	1,584.8	1,228.9	1,470.4	1,353.7	1,768.6	1,241.5	1,232.5	2,328.8	1,709.5	1,477.4	1,616.1
85	2,487.9	858.9	1,856.6	2,597.1	3,671.6	1,745.2	1,684.5	2,050.0	1,391.3	1,159.7	1,258.1	1,802.3
86	1,153.0	1,270.7	1,521.9	1,145.3	1,829.1	1,701.2	1,515.4	1,381.4	1,321.2	1,161.6	1,313.5	2,264.7
87	1,222.0	1,171.9	1,361.0	2,619.0	823.2	1,745.2	1,605.8	1,188.7	1,445.8	1,450.2	1,361.7	1,568.5
88	1,232.2	1,150.8	3,825.1	1,182.7	1,171.9	1,562.8	1,780.6	1,680.4	2,252.5	1,866.0	1,298.6	1,398.4
89	1,248.0	1,487.9	1,181.6	1,698.4	1,049.6	1,440.8	859.0	3,612.8	1,232.7	1,127.6	1,290.9	1,603.9
90	3,981.5	1,349.8	1,327.5	1,244.0	1,485.2	1,070.5	1,295.0	1,740.0	2,409.6	1,086.2	1,556.8	1,597.0
91	836.0	2,595.8	1,741.8	1,264.4	1,541.5	2,189.6	1,114.1	2,097.4	1,477.6	1,124.3	1,321.2	1,318.2
92	1,648.4	1,727.3	1,171.3	997.9	1,422.7	2,049.0	2,238.2	1,562.5	1,210.7	1,134.0	1,549.7	1,579.1
93	1,173.1	1,253.5	1,182.5	1,375.6	1,320.6	1,068.2	1,559.1	1,359.4	852.5	1,572.0	1,713.7	1,304.7
94	2,446.6	1,281.7	1,127.3	1,140.9	1,264.4	1,585.9	3,567.0	1,273.2	1,226.9	1,232.8	1,360.6	2,298.8
95	1,532.4	1,297.1	1,814.1	1,266.5	1,165.9	1,373.6	2,489.7	1,191.6	1,231.3	1,729.8	1,125.9	2,194.9
96	1,675.2	2,053.6	1,068.2	1,849.3	2,462.4	1,422.8	1,375.6	861.9	3,829.6	1,520.1	1,245.3	1,479.9
97	1,149.1	1,296.7	1,138.9	1,403.8	1,261.9	1,257.5	1,380.9	1,855.5	3,777.0	2,196.8	1,734.6	1,746.7
98	2,532.3	1,489.1	3,491.7	1,231.1	1,852.9	2,485.5	1,481.9	886.9	1,352.0	1,172.8	1,308.8	1,119.8
99	1,127.6	2,259.4	2,193.9	1,295.5	2,521.3	1,516.9	1,197.1	1,252.3	1,805.5	1,252.5	1,842.1	1,611.3
100	1,297.2	1,376.9	1,204.7	3,614.5	1,823.3	1,700.4	1,141.5	2,270.6	850.3	1,121.9	1,647.8	1,168.0
101	1,540.0	1,472.1	1,044.9	2,229.3	1,493.3	860.8	1,299.4	1,314.2	1,279.1	1,285.9	1,392.3	3,871.9
102	1,249.0	1,232.8	842.7	1,544.7	1,247.7	1,453.0	1,223.0	1,714.8	1,140.6	1,223.5	1,344.5	1,625.2
103	1,245.2	1,674.0	1,490.4	2,267.3	1,313.1	1,228.9	867.8	1,133.0	1,317.2	1,236.8	1,320.5	2,118.5
104	1,150.8	1,818.4	1,384.1	1,742.4	1,337.4	1,117.1	1,058.1	884.6	1,525.0	1,757.7	2,155.4	1,120.6
105	1,117.4	1,719.4	4.2	3.8	1,151.4	1,306.8	20.9	2,222.3	2,530.1	852.5	1,674.9	1,570.2
106	834.6	1,161.8	3,557.2	1,316.3	1,171.3	1,700.4	2,346.8	1,136.4	1,340.7	2,499.1	1,444.1	1,220.6
107	3,630.1	1,719.8	1,388.0	1,374.7	1,241.4	1,550.0	1,816.6	1,208.2	1,535.0	1,728.9	1,124.4	1,193.0
108	1,116.6	3,551.1	851.1	1,394.2	1,748.2	1,045.3	1,240.2	1,318.7	1,146.6	1,217.3	1,502.6	1,131.7
109	1,168.8	1,513.8	1,277.9	1,612.4	1,238.5	2,200.0	1,193.2	1,849.9	1,867.6	1,512.1	1,252.1	1,068.2
110	2,530.8	1,240.2	1,261.9	1,186.0	1,112.4	1,461.2	1,146.6	1,134.4	1,535.0	2,384.4	1,523.4	1,751.9
111	2,592.9	853.9	1,262.2	1,883.1	1,425.7	1,753.3	1,510.0	3,564.3	2,624.5	2,394.7	1,272.1	1,574.1
112	1,502.1	2,506.5	1,485.6	1,380.7	1,761.1	1,443.3	2,453.2	1,162.0	1,395.7	1,771.2	1,333.6	993.9
113	2,283.6	2,389.2	1,753.8	1,501.0	1,219.6	1,176.4	1,717.6	1,330.3	3,551.9	1,128.0	1,590.9	1,431.9
114	1,287.0	1,559.8	1,329.6	1,809.0	1,199.9	1,239.7	1,255.1	2,505.3	1,118.6	1,250.4	857.7	3,577.0
115	1,636.7	2,503.4	1,159.7	1,301.8	2,201.2	1,473.8	1,782.4	908.3	1,428.8	1,255.1	1,829.0	1,079.2

Stream ID	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
116	2,804.7	1,741.0	1,745.1	1,500.8	1,330.0	2,295.6	1,172.2	1,254.7	1,327.9	1,049.6	2,471.7	1,122.6
117	1,247.1	1,231.1	1,127.6	1,052.6	2,241.0	1,461.2	1,295.5	1,515.1	1,304.5	1,511.3	1,573.2	1,270.5
118	1,216.4	1,102.8	1,326.5	1,750.5	1,495.3	1,236.2	2,518.5	1,513.5	2,638.8	1,278.9	1,252.0	1,566.6
119	1,392.6	1,187.2	1,158.4	1,253.7	2,479.3	1,367.0	1,224.2	1,329.0	2,411.6	1,240.7	1,860.7	1,445.9
120	2,043.3	1,225.2	1,258.3	2,534.4	3,518.1	2,266.2	1,289.7	1,300.1	1,889.4	1,312.0	1,492.6	1,253.7
121	1,329.3	1,942.6	2,552.6	1,380.9	1,729.2	1,486.8	3,511.1	1,159.6	859.0	1,219.6	1,283.7	1,419.8
122	1,770.9	1,134.5	2,288.3	1,620.9	1,508.6	1,263.6	1,246.4	1,314.4	1,255.1	1,485.2	1,721.8	1,310.9
123	1,129.7	3,505.8	1,237.8	1,330.0	1,265.6	1,475.4	1,468.0	1,650.0	2,590.9	1,290.4	1,049.6	1,839.3
124	1,475.9	1,063.2	3,337.9	1,681.6	1,736.9	2,200.0	1,799.6	892.7	1,259.6	1,308.8	1,456.7	1,368.7
125	1,115.3	1,428.9	1,237.9	1,473.8	1,290.6	2,561.4	1,201.4	1,293.4	2,414.3	1,844.6	1,471.3	1,276.5
126	2,242.4	858.5	1,533.8	2,518.5	3,340.5	1,742.5	1,824.5	2,812.3	1,249.5	1,216.4	1,308.0	1,560.5
127	1,111.2	1,287.4	1,526.4	1,240.2	2,561.4	1,594.7	1,513.8	1,314.0	1,316.0	1,118.2	1,239.7	2,213.5
128	1,309.1	1,081.0	1,172.8	2,522.9	874.5	1,742.5	1,503.2	1,116.9	1,659.5	1,534.6	1,315.9	1,283.5
129	1,295.1	1,118.7	3,449.2	1,247.1	1,072.6	1,490.3	1,534.0	1,820.2	2,363.9	2,638.6	1,295.0	1,217.5
130	1,240.2	1,453.9	1,239.3	1,802.4	1,118.2	1,485.2	857.7	3,496.7	1,391.3	1,111.2	1,220.3	1,559.1
131	3,686.5	1,338.7	1,252.6	1,296.0	1,471.5	976.8	1,253.7	1,900.1	2,442.2	1,152.1	2,259.8	1,331.4
132	872.2	2,474.0	1,848.7	1,309.1	1,551.2	2,240.4	1,089.0	2,857.6	1,303.9	1,251.4	1,303.5	1,461.1
133	1,799.6	1,550.5	1,118.6	1,181.7	1,649.2	2,808.1	2,272.6	1,576.7	1,287.0	1,199.9	1,327.9	1,444.7
134	1,265.9	1,268.7	1,058.1	1,249.5	1,236.3	1,110.4	1,596.3	1,338.7	847.7	1,470.7	1,488.7	1,351.2
135	3,214.0	828.3	2,782.3	1,163.8	1,169.9	1,340.7	3,252.0	1,165.9	1,333.8	1,530.1	1,227.9	1,337.6
136	1,441.4	1,306.9	1,673.3	1,197.4	993.9	1,311.4	2,451.1	1,170.0	1,333.3	1,853.9	1,244.5	2,312.2
137	1,814.7	2,814.9	1,201.8	1,701.6	2,427.2	1,873.7	1,296.5	907.1	3,528.8	1,345.3	1,467.8	1,527.5
138	1,122.3	1,219.0	1,252.1	1,490.7	1,308.8	1,266.1	1,313.6	1,704.6	3,516.8	2,265.1	1,827.3	1,561.2
139	3,238.7	1,445.7	3,227.2	1,307.8	1,669.9	2,397.6	1,398.4	960.2	1,389.8	1,256.5	1,147.5	1,355.0
140	1,140.6	2,241.5	2,878.3	1,444.2	2,489.9	1,494.0	1,295.3	1,259.7	1,908.6	1,243.0	1,728.2	1,893.0
141	1,220.9	1,303.9	1,285.8	3,346.5	1,767.8	1,490.4	1,352.4	2,300.7	842.7	999.1	1,829.4	1,346.8
142	1,535.0	1,515.4	1,077.6	2,888.2	1,448.0	869.9	1,308.8	1,276.6	1,262.8	1,269.8	1,390.8	3,418.7
143	1,240.6	1,258.6	869.9	1,476.5	1,224.6	1,465.9	1,290.8	1,576.1	1,115.3	1,254.4	1,270.9	1,337.6
144	1,239.7	1,744.3	1,494.0	2,292.0	1,277.1	1,220.2	873.3	1,148.4	1,361.2	1,237.1	1,330.0	1,788.2
145	1,262.2	1,730.4	1,479.5	1,486.0	1,142.6	1,125.6	996.7	936.7	1,453.0	1,774.9	2,299.4	1,504.8
146	1,243.1	1,806.3	1,492.7	1,393.1	1,033.1	1,175.0	1,869.9	2,307.2	2,494.1	867.0	1,471.1	1,518.4
147	856.1	1,052.6	3,315.2	1,313.6	1,127.6	1,472.1	3,035.3	1,336.9	1,237.8	2,479.2	1,490.7	1,388.8
148	3,372.4	1,479.8	1,453.0	1,283.7	1,272.3	1,468.0	1,734.7	1,070.0	1,544.6	1,805.3	1,324.1	1,267.8
149	1,116.6	3,376.7	873.3	1,287.7	1,620.7	1,072.6	1,273.6	1,490.2	1,279.1	1,269.8	1,476.1	1,228.9
150	1,048.9	1,497.1	1,201.4	1,372.5	1,247.4	2,292.0	1,252.6	1,717.7	1,987.4	1,310.9	1,457.9	1,266.4
151	2,353.0	1,240.1	1,223.5	1,008.6	1,163.5	1,293.4	1,239.9	1,361.4	1,364.0	3,063.2	2,063.2	1,603.5
152	2,356.0	872.6	1,191.7	2,016.0	1,371.9	1,891.7	1,452.7	3,365.7	2,565.3	3,030.3	1,264.3	1,526.7
153	1,451.1	2,336.4	1,493.0	1,380.3	1,608.0	1,459.1	3,116.7	1,177.1	1,398.9	1,956.4	1,321.4	954.3
154	2,255.1	3,041.6	1,540.8	1,486.3	1,237.1	1,181.1	1,862.5	1,241.7	3,484.1	1,149.1	1,490.8	1,473.5
155	1,291.7	1,689.5	1,253.9	1,625.6	1,255.0	1,175.0	1,299.0	2,453.1	1,081.0	1,410.7	880.8	3,414.1
156	2,020.3	2,416.1	1,252.1	1,236.7	2,267.0	1,479.5	1,846.3	928.1	1,493.7	1,172.8	1,674.7	1,010.3
157	3,449.3	2,561.5	1,578.1	1,468.7	1,233.5	2,356.0	1,239.1	1,326.6	1,239.7	1,072.6	2,397.3	1,321.9
158	1,329.5	1,317.0	1,181.4	849.6	2,331.3	1,311.2	1,478.9	1,535.8	1,266.4	1,264.0	3,037.3	1,655.2
159	1,255.0	1,229.4	1,240.9	1,550.0	1,486.3	1,175.0	2,468.4	1,357.9	3,297.1	1,473.8	1,262.6	1,705.5
160	1,437.1	1,315.2	1,153.9	1,171.9	2,392.7	1,273.1	1,234.1	1,388.4	2,423.2	1,268.9	1,929.4	1,696.1
161	2,148.4	1,308.4	1,253.7	2,414.8	3,199.4	2,265.7	1,297.6	1,284.2	2,142.7	1,293.5	1,452.6	1,216.3
162	1,221.9	2,472.1	3,311.1	1,306.8	1,857.5	1,491.2	3,256.8	1,164.9	873.3	1,240.6	1,405.4	1,272.3
163	1,536.3	997.7	2,276.9	1,496.7	1,385.1	1,466.6	1,297.2	1,246.5	1,369.6	1,310.7	1,843.9	1,375.7
164	1,140.6	3,220.4	1,289.3	1,223.5	1,202.0	1,474.2	1,464.8	1,387.5	2,474.4	1,444.2	1,019.8	1,876.7
165	1,423.3	1,011.5	3,130.2	2,034.9	1,562.7	2,315.3	1,859.4	905.7	1,310.1	1,223.5	1,471.5	1,260.4
166	1,151.8	1,312.3	1,352.4	1,448.2	1,180.5	3,315.8	1,097.6	1,400.5	2,442.7	1,967.5	1,399.5	1,283.1
167	2,281.6	896.5	2,296.6	2,393.5	3,131.0	1,563.3	1,928.6	3,501.5	1,450.8	1,170.7	1,197.4	1,399.9
168	1,147.1	1,107.7	1,386.2	1,275.7	3,402.5	1,310.7	1,312.5	1,223.2	1,364.4	1,003.5	1,241.0	2,372.2
169	1,201.4	1,048.9	1,258.0	2,349.3	867.0	1,598.7	1,445.6	1,172.3	2,058.3	1,477.2	1,290.0	1,359.7
170	1,254.4	1,191.9	3,143.4	1,226.2	1,030.5	1,493.9	1,371.9	1,865.7	2,411.9	3,402.5	1,243.4	1,242.1
171	1,332.7	1,471.7	1,243.0	1,866.7	1,003.5	1,300.1	937.8	3,181.3	1,381.1	1,147.1	1,169.9	2,092.9
172	3,372.3	1,241.5	1,293.9	1,193.6	1,488.1	901.4	1,324.8	1,993.4	2,560.6	1,264.4	3,052.5	1,269.9
173	914.0	2,246.6	1,963.8	1,106.2	1,404.8	2,322.3	1,165.1	3,597.0	1,354.2	1,302.4	1,169.5	1,509.4
174	1,968.1	1,282.8	982.1	1,354.2	2,034.8	3,455.9	2,346.7	1,384.9	1,284.4	1,243.3	1,319.2	1,523.5
175	1,227.6	1,447.9	982.1	1,302.0	1,252.8	1,227.2	1,869.9	1,283.8	842.7	1,516.9	1,334.2	1,286.3

Stream ID	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
176	3,919.4	1,238.0	1,268.9	1,297.6	1,106.2	1,319.8	3,062.4	1,328.4	1,381.8	1,448.2	1,186.2	2,275.6
177	1,514.2	1,277.7	1,594.0	1,138.7	996.7	1,366.6	2,354.7	1,161.9	1,320.3	1,955.5	1,270.0	2,285.9
178	1,968.1	3,538.0	1,290.6	1,574.4	2,273.0	2,338.7	1,372.8	994.2	3,267.0	1,321.2	1,444.1	1,380.3
179	1,253.5	1,340.8	1,242.4	1,397.6	1,197.2	1,301.2	1,251.3	1,580.0	3,296.4	2,355.3	1,964.2	1,489.3
180	3,956.1	1,480.8	3,058.2	1,154.8	1,490.8	2,204.1	1,359.9	1,007.9	1,283.7	1,228.4	1,111.5	1,152.2
181	1,159.1	2,366.0	3,576.7	1,437.1	2,312.5	1,403.8	1,187.2	1,335.6	2,066.7	1,330.8	1,603.3	2,161.6
182	1,255.4	1,300.1	1,268.7	3,134.3	1,598.7	1,340.7	1,349.1	2,365.4	937.8	1,004.1	1,917.7	1,195.4
183	1,868.7	1,263.8	990.3	3,594.1	1,474.7	855.1	1,191.7	1,334.5	1,196.4	1,172.7	1,366.0	3,194.5
184	1,172.6	1,219.6	900.5	1,514.2	1,257.3	1,502.4	1,338.8	1,940.4	1,131.6	1,187.2	1,352.6	1,360.4
185	1,264.5	1,889.4	1,502.4	2,364.0	1,170.4	1,219.6	900.4	1,150.3	1,310.7	1,169.5	1,387.2	1,566.8
186	1,240.1	1,571.9	1,484.3	1,326.1	1,187.2	1,131.6	1,003.2	914.1	1,505.5	1,968.1	2,275.2	1,239.9
187	1,290.8	1,974.7	1,405.1	1,447.4	909.3	1,228.4	2,342.2	2,305.1	2,526.5	937.8	1,256.6	1,530.4
188	850.3	985.7	3,198.8	1,252.1	1,184.7	1,320.4	3,687.4	1,255.3	1,302.0	2,266.8	1,398.4	1,431.1
189	3,188.1	1,325.4	1,437.1	1,274.1	1,187.4	1,386.2	1,566.8	1,030.3	2,092.9	1,956.4	1,249.4	1,349.1
190	1,163.5	3,193.7	877.8	1,297.6	1,563.4	993.9	1,296.8	1,474.9	1,243.3	1,210.5	1,530.2	1,201.8
191	985.7	1,491.5	1,211.5	1,333.5	1,272.7	2,293.5	1,233.8	1,598.9	1,951.4	1,358.9	1,399.7	1,219.0
192	2,204.1	1,289.0	1,138.7	996.7	1,123.1	1,326.5	1,247.2	1,309.4	1,394.0	3,677.8	2,361.9	1,540.4
193	2,287.2	962.3	1,099.5	2,080.7	1,310.5	1,967.7	1,409.9	3,208.4	2,336.8	3,677.7	1,155.7	1,540.0
194	1,454.9	2,341.3	1,474.7	1,378.6	1,515.6	1,452.3	3,747.3	1,148.0	1,397.9	1,951.4	1,326.1	982.9
195	2,311.5	3,681.9	1,497.2	1,474.7	1,163.8	1,328.8	2,012.9	1,207.9	3,299.6	1,153.9	1,276.2	1,910.7
196	1,142.4	2,044.1	1,362.2	1,488.2	1,264.4	1,261.5	1,187.8	2,132.3	988.0	1,479.5	905.1	3,479.3
197	2,081.2	2,237.5	1,264.4	1,362.2	2,270.3	1,479.5	2,010.0	950.2	1,147.4	1,256.5	1,553.9	988.0
198	4,058.9	2,719.0	1,507.2	1,502.8	1,138.9	2,287.2	1,293.0	1,324.5	1,268.9	989.0	2,185.8	1,221.6
199	1,294.7	1,366.2	1,139.1	1,010.3	2,298.4	1,352.0	1,461.1	1,528.2	1,171.9	1,319.8	2,055.7	1,234.1
200	1,495.5	1,264.0	1,186.0	1,500.2	1,494.2	1,241.9	2,204.1	1,438.1	3,917.2	1,438.2	1,338.8	1,455.3
201	1,455.0	1,275.3	1,142.1	1,142.4	2,203.0	1,310.7	1,261.5	1,355.0	2,255.4	1,233.6	1,976.1	1,338.7
202	2,271.0	1,234.7	1,260.2	2,239.5	3,038.7	2,192.1	1,292.0	1,372.7	2,817.1	1,311.2	1,501.9	1,266.8
203	1,126.5	2,288.1	3,955.4	1,381.5	1,987.3	1,494.2	3,059.8	1,141.9	951.1	1,169.5	1,339.6	1,289.9
204	1,803.7	959.4	2,193.6	1,171.0	1,359.9	1,425.4	1,358.7	1,201.1	1,220.0	1,412.7	2,132.3	1,271.9
205	1,127.3	3,063.2	1,154.8	1,221.0	1,265.8	1,464.6	1,425.2	1,279.8	2,353.8	1,473.0	906.2	2,736.4
206	1,359.9	1,003.5	3,001.4	2,482.3	1,499.5	2,261.2	2,050.6	975.5	1,430.9	1,100.4	1,489.3	1,377.0
207	1,152.2	1,313.7	1,275.3	1,455.0	1,135.0	3,994.1	1,228.8	1,433.0	2,250.8	1,982.2	1,408.9	1,257.2
208	2,522.2	1,002.1	3,024.3	2,160.0	2,999.6	1,491.5	1,991.4	4,107.1	1,125.1	1,304.1	1,271.8	1,337.3
209	1,165.0	1,226.0	1,406.8	1,337.0	4,052.4	1,053.3	1,410.7	1,237.6	1,326.1	904.5	1,220.2	2,579.2
210	1,203.5	903.5	1,249.6	2,107.1	953.2	1,500.6	1,526.8	1,177.4	2,524.1	1,369.4	1,159.0	1,333.1
211	1,113.2	1,147.1	3,029.3	1,294.7	989.0	1,488.1	1,343.2	1,999.3	2,287.2	3,994.1	1,175.9	1,290.7
212	1,277.9	1,498.8	1,232.9	1,983.7	992.5	1,312.2	981.8	3,005.7	1,320.1	1,151.4	1,228.1	2,090.4
213	3,253.1	1,233.9	1,288.9	1,154.8	1,437.6	938.3	1,353.1	2,142.7	2,136.3	1,290.1	3,026.6	1,263.6
214	966.3	2,102.8	1,994.8	1,197.2	1,400.7	2,248.6	1,127.3	4,225.1	1,321.4	1,245.1	1,388.5	1,473.0
215	2,141.7	1,177.3	983.1	1,259.7	2,789.6	4,066.3	2,187.8	1,444.4	1,154.0	1,247.8	1,331.5	1,676.9
216	1,349.0	1,437.3	827.1	1,238.7	1,236.7	1,282.2	3,020.7	1,392.8	980.5	1,523.9	1,237.3	1,461.1
217	4,520.5	1,239.4	1,262.4	1,235.6	1,202.8	1,238.6	2,994.2	1,329.9	1,311.9	1,444.1	1,245.5	2,175.8
218	1,514.4	1,270.4	1,501.0	1,154.0	983.1	1,222.4	2,145.3	1,176.4	1,439.6	1,984.5	1,247.7	2,258.8
219	2,275.7	4,183.4	1,336.9	1,493.7	1,985.8	2,998.1	1,192.3	1,003.0	3,191.1	1,193.9	1,522.2	1,391.6
220	1,159.4	1,258.9	1,239.6	1,419.5	1,197.2	1,287.5	1,254.1	1,530.9	3,165.9	2,203.3	2,093.7	1,316.9
221	4,598.8	1,415.5	2,948.7	1,208.1	1,516.2	1,935.6	1,372.8	944.5	1,247.8	1,270.4	1,172.3	1,211.6
222	1,165.1	2,318.9	4,242.3	1,452.6	2,130.5	1,407.4	1,312.1	1,285.4	1,984.6	1,350.2	1,494.1	2,682.8
223	1,228.9	1,170.0	1,284.6	2,980.9	1,483.3	1,296.6	1,292.4	2,324.6	947.8	941.5	2,001.6	1,157.7
224	3,016.3	1,292.4	946.7	4,242.5	1,523.9	958.2	1,197.2	1,330.2	1,273.8	1,367.7	1,327.1	3,077.3
225	1,158.4	1.2	2,002.9	1,514.4	1,183.1	1.6	871.9	12.1	77.1	1,464.8	8.2	1,392.6
226	1,280.2	2,298.7	1,399.9	2,257.2	1,210.8	1,268.9	954.3	1,163.2	1,315.1	1,341.7	1,171.8	1,529.7
227	1,279.4	1,483.9	1,444.1	1,286.4	1,203.2	1,147.2	900.8	1,004.2	1,378.8	1,974.7	2,273.0	1,297.6
228	1,274.1	2,157.4	1,398.4	1,558.4	907.9	1,229.8	2,800.8	2,221.6	2,003.7	914.1	1,156.9	1,659.1
229	988.3	902.7	3,089.5	1,353.1	1,127.3	1,232.9	4,331.7	1,318.4	1,154.8	1,980.1	1,421.4	1,473.0
230	3,072.7	1,311.9	1,433.8	1,329.6	1,353.6	1,338.9	1,493.0	953.2	2,696.4	1,981.4	1,288.9	1,359.4
231	1,196.4	3,076.8	930.8	1,107.7	1,587.9	883.8	1,474.5	1,592.5	1,305.0	1,339.2	1,424.5	1,357.0
232	938.3	1,471.6	1,205.6	1,266.6	1,301.2	2,151.4	1,273.1	1,540.4	2,198.3	1,329.6	1,436.3	1,676.9
233	1,963.5	1,336.5	1,216.8	906.2	1,154.5	1,327.5	1,284.6	1,299.7	1,398.4	4,320.2	2,740.2	1,526.1
234	2,195.6	908.3	1,235.5	2,974.9	1,055.4	2,146.8	1,354.6	3,126.4	2,092.9	4,282.2	1,257.1	1,640.7
235	1,634.9	2,977.8	1,444.4	1,328.0	1,489.7	1,498.2	4,387.1	1,191.2	1,323.3	2,093.7	1,157.8	1,219.2

Stream ID	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12
236	2,134.1	4,325.1	1,512.0	1,417.5	1,329.3	1,336.5	2,162.7	1,266.9	3,286.1	1,264.4	1,282.1	1,530.7
237	1,197.2	2,980.6	1,341.7	1,505.4	1,239.4	1,261.5	1,229.5	1,955.1	991.5	1,433.8	917.1	3,151.2
238	3,423.2	1,961.7	1,288.2	1,341.7	2,172.9	1,437.3	2,142.4	1,030.5	1,329.9	1,249.6	1,522.5	962.2
239	4,700.7	3,018.0	1,576.9	1,436.7	1,266.4	2,180.4	1,189.5	1,355.5	1,384.7	868.2	1,914.2	1,351.6
240	1,323.3	1,163.7	1,147.2	953.2	2,179.5	1,333.6	1,444.1	1,442.4	1,178.3	1,263.6	2,620.0	1,305.8
241	1,618.6	1,541.2	1,334.7	1,585.4	1,467.4	1,271.2	1,961.3	1,210.3	4,563.8	1,471.8	1,362.1	1,459.6
242	1,452.6	1,305.0	1,165.0	1,156.3	1,931.7	1,228.2	1,285.9	1,263.8	2,155.3	1,230.0	2,170.9	1,462.6
243	2,458.6	1,336.1	1,315.1	1,919.3	2,987.0	2,195.3	1,057.3	1,463.6	2,665.6	1,125.5	1,427.8	1,411.7
244	1,438.5	2,998.9	4,599.4	1,171.8	2,162.7	1,417.5	3,005.8	1,292.0	976.3	1,340.2	1,173.1	1,383.1
245	1,793.9	789.1	2,205.2	1,025.3	1,401.9	1,473.4	1,423.8	1,223.3	1,389.5	1,217.0	2,148.4	1,370.9
246	1,165.0	2,932.2	1,195.3	1,232.4	1,297.6	1,422.3	1,375.8	1,306.0	1,948.2	1,452.6	906.4	3,018.9
247	1,691.1	907.4	2,788.2	2,979.6	1,569.1	2,188.1	2,147.9	973.2	1,232.2	1,226.0	1,479.2	1,306.3
248	1,366.2	1,051.2	1,293.5	1,427.2	1,122.5	4,602.8	1,247.5	1,357.2	2,132.1	2,192.1	1,381.9	1,196.5
249	2,487.1	1,022.1	2,973.9	1,888.4	2,864.5	1,517.7	2,195.8	4,748.5	1,154.8	1,247.0	1,221.5	1,471.6
250	1,424.8	1,149.0	1,383.6	1,337.0	4,602.3	1,085.9	1,217.0	1,131.2	1,478.7	881.8	1,293.5	2,239.5
251	1,247.5	868.9	1,217.3	1,914.2	965.9	1,569.0	1,477.4	1,201.0	3,126.9	1,375.8	1,154.2	1,245.0
252	1,200.4	1,136.0	2,988.7	1,435.9	797.6	1,425.9	1,179.1	2,188.9	2,291.6	4,602.8	1,345.3	1,457.1
253	1,241.1	1,428.3	1,252.5	2,171.9	805.5	1,122.3	1,200.3	3,031.0	1,123.1	1,173.6	1,406.0	2,922.3
254	3,101.2	1,146.4	1,258.0	1,173.8	1,432.4	798.5	1,398.3	2,215.9	2,205.0	1,119.5	3,020.8	1,260.6
255	947.3	1,892.0	2,115.4	1,266.4	1,398.4	2,214.0	1,181.3	4,775.1	1,327.1	1,287.8	1,326.4	1,478.9
256	2,125.7	1,214.8	988.8	1,256.7	3,002.9	4,708.5	2,147.8	1,433.3	1,154.0	1,247.7	1,263.8	1,449.0
Min	96.3	1.1	4.2	3.8	18.7	1.6	20.6	12.1	70.0	13.5	7.7	11.7
Avg	1,662.0	1,612.6	1,619.3	1,577.6	1,604.0	1,576.1	1,609.8	1,558.2	1,729.9	1,465.7	1,492.8	1,595.4
Max	4,928.9	4,480.4	4,700.6	4,591.2	4,627.4	4,708.5	4,460.8	4,775.1	4,769.5	4,602.8	3,052.5	4,607.6

Stream ID	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	RF1	RF2
0	28.7	2.5	4.9	7.8	106.3	128.6	32.8	14.0	78.1	8.1	18.3	10.3
1	1,315.4	988.4	1,085.0	1,371.0	1,196.1	2,776.2	1,357.1	2,246.3	262.1	1,167.4	18.3	10.2
2	1,140.9	2,785.2	1,049.2	1,918.8	4,834.1	845.4	1,646.3	1,570.6	1,436.6	1,146.1	18.5	10.3
3	1,517.0	1,383.5	1,247.1	1,181.7	1,639.0	1,996.8	1,389.1	1,226.9	1,001.8	1,029.5	18.4	10.3
4	1,174.1	2,837.7	1,543.9	1,133.7	1,475.9	876.5	1,986.6	1,386.3	4,724.6	1,165.4	18.5	10.4
5	1,218.5	1,051.3	4,585.7	1,444.6	1,307.1	2,198.9	2,210.4	1,304.4	259.9	1,383.8	18.4	10.3
6	1,906.3	1,152.3	2,821.8	988.6	1,315.4	1,197.7	1,570.4	1,327.1	1,372.8	1,337.4	18.4	10.2
7	1,215.7	1,060.7	1,538.4	1,188.3	2,037.1	355.6	1,290.3	2,724.7	2,216.9	2,084.2	18.7	10.3
8	1,220.6	1,029.5	2,731.9	1,300.5	1,916.6	1,541.2	224.6	1,270.5	1,066.1	995.8	18.8	10.5
9	4,541.0	1,232.2	1,289.1	1,380.6	1,581.9	1,135.0	1,420.0	1,979.1	2,191.5	1,247.5	18.8	10.3
10	1,224.5	1,296.3	4,585.3	814.8	1,979.7	2,778.6	1,304.4	1,153.9	1,405.4	1,241.6	18.7	10.2
11	1,515.2	4,590.4	269.1	2,147.4	1,979.9	2,770.9	1,430.3	1,453.4	977.1	1,417.9	18.8	10.5
12	977.1	1,336.5	1,397.6	2,730.7	1,927.3	1,583.2	1,637.3	1,217.1	787.5	1,528.7	18.9	10.4
13	1,471.4	812.5	1,517.8	1,274.0	4,640.0	1,154.5	1,435.4	1,205.2	475.0	1,986.8	19.0	10.6
14	1,242.4	1,310.8	2,164.7	1,075.8	1,485.5	1,546.4	1,225.5	2,165.2	1,163.0	1,208.3	19.0	10.3
15	1,286.9	1,577.7	1,287.8	338.8	2,670.4	1,323.2	1,540.8	883.1	1,423.9	1,103.6	19.0	10.3
16	1,073.5	2,127.0	1,220.8	1,478.4	1,004.8	1,550.3	1,278.7	1,444.4	1,538.3	2,209.4	19.3	10.3
17	792.8	1,163.3	2,238.3	4,586.8	1,423.4	1,432.6	1,342.0	1,157.8	1,589.6	1,518.1	19.2	10.3
18	2,672.1	378.0	1,431.6	1,323.7	1,417.4	1,311.4	1,307.1	1,232.7	1,539.5	1,325.4	18.9	10.3
19	936.4	1,852.5	1,474.2	2,146.4	1,317.7	1,351.6	1,416.5	1,243.8	1,293.1	2,800.9	19.0	10.2
20	1,971.4	2,661.9	4,576.4	403.0	1,139.3	2,129.6	2,332.9	1,151.6	1,264.4	1,417.0	18.9	10.3
21	1,025.2	4,592.7	1,546.4	1,315.4	1,498.0	1,159.6	2,235.0	439.2	2,609.7	1,247.1	18.8	10.5
22	2,609.4	4,568.2	1,550.4	463.9	1,511.4	1,345.7	1,440.9	1,160.6	1,587.7	1,439.1	19.3	10.4
23	1,145.0	1,853.3	4,409.9	1,357.1	1,408.8	656.4	1,152.4	1,549.2	1,423.2	1,028.2	21.7	10.3
24	1,546.4	1,963.6	1,174.3	1,399.2	1,282.9	2,146.8	1,646.0	1,081.2	1,453.3	1,309.0	19.0	10.2
25	2,597.3	2,143.9	1,271.9	1,608.2	862.4	474.8	1,097.4	1,143.8	1,397.6	1,294.2	18.9	10.5
26	567.8	2,189.5	1,561.0	1,385.5	1,457.3	1,266.7	1,440.7	2,164.2	1,469.8	2,800.5	18.9	10.2
27	1,428.8	575.4	1,294.2	1,019.4	4,545.0	797.9	1,498.3	1,341.8	2,721.9	1,410.0	19.1	10.2
28	1,507.2	1,303.0	1,333.6	1,362.7	884.4	1,675.2	1,362.5	1,723.6	2,243.2	4,688.9	18.8	10.3
29	1,045.3	1,477.6	1,116.6	1,239.5	1,412.9	1,753.8	1,193.8	1,224.7	1,274.5	1,320.7	18.9	10.3
30	2,074.4	1,368.7	1,109.3	1,172.2	4,487.3	2,037.1	1,389.5	1,127.9	1,293.2	2,826.4	19.0	10.3
31	808.8	1,530.1	1,479.0	988.4	1,232.8	1,286.0	1,262.0	1,403.7	2,963.3	1,423.7	18.8	10.5

Stream ID	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	RF1	RF2
32	1,451.7	1,427.2	681.6	2,162.4	2,236.8	977.4	1,401.4	1,248.1	996.0	1,574.7	18.9	10.5
33	1,001.8	2,189.0	688.4	4,461.7	1,593.2	1,482.8	1,300.7	1,042.8	1,399.9	1,473.6	19.0	10.4
34	4,210.2	2,233.0	974.5	1,267.7	1,556.7	1,383.4	1,471.8	862.1	1,496.6	1,446.4	19.0	10.4
35	1,288.4	696.1	1,477.1	1,666.7	4,533.4	788.6	1,275.9	1,803.5	1,109.3	3,041.6	19.0	10.3
36	1,662.7	796.5	1,132.4	1,253.7	4,403.1	1,966.5	1,435.9	1,206.3	2,050.1	1,357.7	18.9	10.3
37	833.4	4,336.7	1,423.2	858.0	1,167.9	980.7	1,620.1	1,423.0	1,344.9	1,881.1	19.0	10.6
38	1,140.1	1,846.0	1,061.0	2,144.2	1,217.3	1,538.4	871.6	770.4	1,150.7	1,321.1	19.1	10.1
39	1,215.1	2,681.1	1,862.0	1,107.0	1,299.1	986.0	1,426.4	2,228.2	2,145.0	1,499.0	19.0	10.4
40	862.5	1,369.6	4,352.6	995.7	2,769.3	802.3	1,454.4	1,441.0	1,076.1	1,584.3	19.1	10.4
41	1,318.4	857.7	803.9	1,299.7	1,662.7	2,041.0	1,695.1	1,810.7	1,168.9	1,195.2	19.2	10.5
42	1,247.1	1,072.7	1,160.8	1,382.0	1,172.5	2,780.3	1,306.2	2,250.0	1,167.7	1,173.4	19.1	10.3
43	1,147.7	2,778.1	1,223.8	1,825.6	4,412.0	805.5	1,667.1	1,498.1	1,295.3	1,144.9	18.9	10.1
44	1,479.7	1,288.3	1,296.4	1,170.5	1,666.8	1,975.9	1,256.7	1,166.4	1,145.6	1,148.3	20.9	10.2
45	1,220.6	2,681.1	1,601.8	1,122.2	1,637.9	806.6	1,968.3	1,420.5	4,356.8	1,043.8	19.0	10.3
46	1,099.6	988.4	4,063.4	1,541.0	1,281.2	2,130.6	2,029.1	1,215.9	1,196.5	1,594.6	18.6	10.1
47	1,753.8	1,199.4	2,792.2	823.2	1,618.6	1,093.8	1,599.5	1,085.0	1,595.5	1,582.1	19.3	10.2
48	1,227.9	1,061.2	1,530.1	1,234.2	1,941.8	1,179.3	1,226.9	2,778.7	1,985.8	2,112.4	19.0	10.3
49	1,290.4	1,173.8	2,618.3	1,286.4	1,847.5	1,535.0	1,259.0	1,320.5	1,131.7	1,033.5	19.0	10.3
50	4,091.4	1,154.5	1,288.5	1,309.4	1,661.5	1,183.1	1,408.3	1,828.1	1,961.2	1,179.9	19.2	10.3
51	1,315.4	1,277.9	4,074.9	816.8	1,852.6	2,792.6	1,281.8	1,154.9	1,351.9	1,189.6	21.7	10.3
52	1,561.7	4,061.6	1,189.1	2,108.3	1,851.8	2,780.3	1,502.0	1,591.3	1,139.1	1,186.3	18.7	10.1
53	1,171.3	1,521.9	1,429.0	2,593.8	1,883.9	1,547.2	1,583.6	1,192.8	819.8	1,656.4	18.9	10.3
54	1,543.9	826.0	1,521.9	1,338.9	4,093.6	998.4	1,531.4	1,232.8	1,412.3	2,113.9	18.7	10.3
55	1,312.6	1,271.5	1,962.2	1,186.1	1,350.5	1,610.9	1,243.3	2,056.5	1,095.3	1,180.9	19.2	10.2
56	1,179.6	1,549.1	1,288.5	1,239.5	2,716.3	1,398.0	1,639.2	810.8	1,315.4	1,174.4	19.2	10.4
57	1,156.8	2,096.2	1,190.9	1,673.1	1,232.1	1,388.3	1,397.5	1,259.2	1,541.1	2,084.0	18.8	10.3
58	836.1	1,181.3	1,916.3	4,106.2	1,436.0	1,238.6	1,321.6	1,089.4	1,613.6	1,563.7	18.8	10.4
59	2,678.3	1,287.8	1,499.3	1,342.8	1,287.1	1,180.0	1,377.2	1,173.2	1,592.6	1,492.3	19.0	10.8
60	1,148.9	1,796.7	1,657.2	2,062.2	1,405.4	1,119.5	1,497.2	1,151.3	1,296.3	2,690.4	19.0	10.2
61	1,794.7	2,671.4	4,084.8	1,337.5	1,182.1	2,078.8	2,081.9	1,171.3	1,199.6	1,591.8	18.8	10.3
62	1,213.0	4,065.3	1,585.5	1,310.1	1,669.4	1,150.7	2,044.4	1,365.0	2,663.4	1,199.4	19.0	10.2
63	2,671.4	4,031.8	1,499.3	1,390.5	1,404.0	1,365.4	1,362.7	1,158.8	1,629.9	1,321.0	18.9	10.3
64	1,220.2	1,781.0	4,050.4	1,306.0	1,372.7	1,390.5	1,206.6	1,367.9	1,269.5	1,429.1	19.0	10.3
65	1,585.5	1,830.3	1,229.9	1,398.0	1,114.4	2,026.1	1,671.9	1,166.8	1,662.7	1,302.7	18.8	10.6
66	2,664.6	2,055.9	1,266.4	1,584.1	846.6	1,390.5	1,293.3	1,180.3	1,406.7	1,319.4	19.0	10.4
67	1,483.3	1,951.3	1,524.4	1,374.7	1,455.0	1,234.3	1,383.8	2,041.0	1,657.2	2,681.7	18.9	10.3
68	1,274.0	1,420.7	1,293.2	1,160.3	4,085.9	808.5	1,438.4	1,534.5	2,652.2	1,398.8	18.9	10.2
69	1,526.6	1,310.4	1,348.5	1,362.1	832.5	1,675.2	1,299.5	1,726.1	2,229.4	4,224.7	19.0	10.2
70	1,186.0	1,546.8	1,148.5	1,268.2	1,420.0	1,751.2	1,128.2	1,234.1	1,232.8	1,153.7	18.8	10.4
71	2,196.8	1,255.1	1,199.9	1,092.6	4,097.3	1,701.7	1,395.7	1,191.6	1,239.7	2,753.2	18.9	10.2
72	783.9	1,521.9	1,546.8	1,240.2	1,197.3	1,320.7	1,207.9	1,425.7	2,626.1	1,444.9	18.9	10.2
73	1,652.2	1,470.9	1,529.8	2,095.9	1,949.0	1,212.8	1,563.6	1,179.2	1,139.5	1,548.9	19.0	10.2
74	1,114.1	1,916.3	1,538.9	4,061.2	1,552.8	1,549.7	1,127.1	1,213.1	1,403.3	1,542.0	18.9	10.3
75	3,766.7	1,799.0	1,209.7	1,187.2	1,553.9	1,364.5	1,654.7	841.6	1,638.1	1,291.6	19.2	10.2
76	1,240.4	1,584.5	1,553.5	1,733.7	4,101.5	830.8	1,195.0	1,838.2	1,113.4	2,754.9	19.0	10.3
77	1,645.1	826.0	1,169.9	1,234.4	3,956.2	1,799.0	1,537.5	1,174.3	2,182.4	1,393.6	19.0	10.4
78	1,671.0	3,932.4	1,274.0	835.4	1,243.1	1,209.6	1,566.1	1,406.2	1,550.7	1,819.5	18.9	10.4
79	1,413.4	1,811.6	1,165.4	1,718.1	1,183.1	1,546.0	899.4	1,704.4	1,161.6	1,229.3	19.1	10.2
80	1,171.9	2,600.9	1,778.1	1,120.2	1,288.7	1,210.9	1,407.3	1,939.8	2,095.9	1,705.9	19.2	10.1
81	1,762.7	1,398.7	3,899.6	1,144.0	2,640.7	805.5	1,447.0	1,256.0	1,100.1	1,565.6	19.3	10.7
82	1,313.7	1,728.7	830.8	1,340.8	1,755.6	2,168.7	1,594.8	1,860.2	1,145.6	1,142.4	19.5	10.1
83	1,156.2	1,099.0	1,327.5	1,253.1	1,254.8	2,605.5	1,529.0	1,737.2	2,042.8	1,192.0	19.2	10.2
84	1,008.6	2,593.9	1,263.7	1,835.0	3,961.9	867.0	1,650.3	1,318.7	1,793.0	1,139.2	18.9	10.3
85	1,386.2	1,213.6	1,255.1	1,159.0	1,622.3	1,580.3	1,418.1	1,196.1	1,120.0	1,279.5	19.0	10.2
86	1,220.6	2,600.8	1,570.4	1,137.6	1,714.1	806.6	1,877.5	1,434.9	3,849.1	1,063.7	19.2	10.5
87	1,134.0	1,173.8	3,657.0	1,654.2	1,075.2	1,732.8	2,285.8	1,232.8	2,042.6	1,319.0	19.0	10.3
88	1,738.5	1,162.5	2,627.5	823.2	1,589.5	1,093.5	1,611.4	1,070.2	1,674.8	1,375.2	19.2	10.3
89	1,330.0	1,131.7	1,535.0	1,315.9	1,597.7	2,171.3	1,305.0	2,556.1	1,996.0	2,449.5	18.9	10.3
90	1,416.6	1,247.1	2,480.2	1,321.8	1,890.5	1,546.0	1,986.8	1,169.3	1,165.4	885.0	19.2	10.1

Stream ID	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	RF1	RF2
91	3,633.0	1,110.4	1,281.7	1,555.1	1,610.2	1,145.2	1,432.8	1,837.3	1,701.7	1,200.7	19.1	10.3
92	1,314.9	1,348.5	3,672.5	818.8	1,824.5	2,597.1	1,299.4	1,176.6	1,343.2	1,202.7	18.8	10.2
93	1,528.5	3,671.1	2,050.4	2,254.2	1,830.8	2,597.1	1,565.1	1,656.2	1,099.2	1,123.3	19.0	10.3
94	1,175.8	1,516.9	1,548.8	2,491.8	1,840.2	1,478.6	1,618.4	1,185.7	784.3	1,719.8	19.3	10.3
95	1,526.9	806.6	1,479.9	1,258.6	3,670.5	1,073.5	1,531.0	1,249.9	2,267.0	1,720.7	19.1	10.1
96	1,327.3	1,227.9	1,725.1	1,197.3	1,304.1	1,532.1	1,253.1	2,249.1	1,113.4	1,115.7	19.0	10.4
97	1,407.2	1,514.8	1,265.8	2,120.0	2,506.2	2,328.4	1,537.1	892.2	1,219.6	1,374.4	19.1	10.2
98	1,229.4	2,263.8	1,060.5	1,743.2	1,284.5	1,342.3	1,517.2	1,347.1	1,903.7	1,620.3	19.0	10.3
99	856.1	1,044.9	1,636.3	3,624.9	1,428.1	1,217.3	1,390.2	1,130.5	1,544.7	1,480.4	19.2	10.2
100	2,545.9	2,179.7	1,392.3	1,558.3	1,355.0	1,378.0	1,362.6	1,122.6	1,563.6	1,523.9	21.8	10.7
101	1,124.8	1,734.8	1,814.7	2,259.4	1,305.3	1,386.9	1,577.2	1,142.3	1,178.3	2,628.0	19.0	10.3
102	1,836.7	2,526.8	3,599.9	2,218.8	1,301.5	2,229.4	1,777.8	1,044.9	1,444.2	1,675.2	19.2	10.2
103	1,261.5	3,636.8	1,470.4	1,190.3	1,849.3	1,072.6	1,578.4	2,254.9	2,453.8	1,475.3	19.1	10.3
104	2,499.1	3,626.3	1,386.2	2,277.8	1,622.3	1,372.0	1,433.8	1,161.4	1,524.1	1,329.4	18.9	10.4
105	28.2	1,802.2	3,630.1	1,376.6	1,334.3	2,266.8	10,960.4	7.1	1,240.4	1,241.5	19.1	10.1
106	1,524.5	1,817.9	1,232.6	1,458.6	1,083.7	2,204.6	1,584.6	1,191.4	1,695.2	1,366.6	19.2	10.3
107	2,506.2	2,176.8	1,261.9	1,525.8	892.5	2,266.8	1,285.5	1,140.1	1,356.5	1,335.6	18.9	10.2
108	2,356.8	1,611.6	1,461.2	1,542.5	1,535.0	1,330.0	1,358.4	2,295.6	1,716.0	2,689.3	19.1	10.3
109	1,219.6	2,286.0	1,216.7	1,117.0	3,655.1	852.5	1,553.1	1,504.5	2,485.8	1,399.2	19.1	10.3
110	1,445.9	1,217.3	1,244.9	1,394.2	852.4	1,802.4	1,359.7	1,612.9	2,200.0	3,742.9	19.2	10.4
111	982.1	1,366.6	1,184.7	1,264.1	1,356.2	1,761.8	1,312.1	1,252.9	1,396.7	1,243.3	19.4	10.2
112	2,299.4	1,301.8	1,270.0	919.6	3,582.3	1,486.0	1,306.0	1,317.6	1,277.7	2,652.1	19.1	10.2
113	843.7	1,534.9	1,346.6	1,270.5	1,165.2	1,216.7	1,211.5	1,380.9	2,650.4	1,579.8	18.9	10.3
114	1,717.1	1,513.8	2,398.1	2,268.3	1,678.9	1,265.7	1,612.3	1,110.7	1,111.3	1,537.2	19.0	10.3
115	1,116.0	1,611.6	2,402.1	3,579.6	1,561.7	1,261.8	1,281.2	1,254.4	1,295.6	1,475.2	18.9	10.2
116	3,408.2	1,507.3	1,246.4	1,400.2	1,431.7	1,277.7	1,550.0	874.8	1,745.6	1,324.5	19.1	10.3
117	1,292.5	2,453.7	1,534.9	1,844.7	3,583.9	856.1	1,209.0	1,771.3	1,241.6	2,649.5	19.0	10.2
118	1,755.5	841.1	1,111.2	1,297.1	3,514.1	1,507.3	1,617.4	1,112.2	2,299.2	1,283.6	19.1	10.6
119	2,539.6	3,490.3	1,253.2	872.2	1,110.9	1,246.6	1,543.8	1,883.2	1,491.8	1,998.9	19.1	10.4
120	1,488.5	1,737.5	1,219.6	1,490.3	1,163.6	1,502.4	983.7	2,555.3	1,039.5	1,274.0	19.2	10.3
121	1,049.6	2,532.4	1,749.2	1,138.9	1,493.6	1,262.3	1,380.0	1,604.3	2,281.1	1,528.3	18.9	10.4
122	2,539.6	1,287.5	3,490.3	1,134.0	2,544.4	850.3	1,615.0	1,313.0	1,156.5	1,502.8	19.1	10.3
123	1,285.9	2,561.2	856.9	1,244.9	1,791.5	2,218.6	1,521.2	1,714.7	1,309.4	1,241.6	19.3	10.2
124	1,172.8	1,086.2	1,252.1	1,315.9	1,295.1	2,524.5	1,526.8	1,603.2	2,802.5	1,302.6	19.3	10.4
125	1,048.9	2,523.3	1,255.9	1,748.4	3,582.8	867.0	1,557.6	1,291.6	1,708.3	1,259.3	19.4	10.2
126	1,349.8	1,319.6	1,236.3	1,180.1	1,524.0	1,486.0	1,439.5	1,106.0	1,127.6	1,281.2	19.3	10.3
127	1,250.4	2,528.3	1,449.3	1,199.9	1,811.6	857.7	1,800.2	1,561.8	3,511.9	1,128.8	19.2	10.5
128	1,249.9	1,243.0	3,342.8	1,759.0	1,207.1	1,500.3	2,398.1	1,466.4	2,805.6	1,309.9	19.0	10.3
129	1,754.3	1,470.4	2,519.9	885.5	1,497.9	1,320.4	1,442.4	1,213.6	2,095.2	1,251.2	19.2	10.3
130	1,274.4	1,110.7	1,520.9	1,278.9	1,594.7	2,638.6	1,231.8	2,529.5	1,736.9	2,218.1	19.2	10.3
131	1,455.0	1,240.1	2,401.3	1,293.3	1,732.7	1,408.9	2,770.9	1,278.2	1,275.3	1,084.0	19.6	10.3
132	3,355.0	1,181.7	1,172.8	1,552.4	1,547.2	1,243.0	1,320.8	1,757.5	1,493.9	1,089.6	19.3	10.1
133	1,304.6	1,239.7	3,349.8	877.8	1,742.5	2,513.3	1,467.2	1,131.6	1,283.6	1,271.6	19.1	10.2
134	1,483.3	3,336.8	2,811.5	2,311.5	1,780.9	2,519.1	1,628.2	1,767.5	1,120.0	1,216.4	19.3	10.2
135	1,064.9	134.0	13.4	2,415.9	6,480.7	1,930.7	1,479.8	1,218.4	1,466.8	1,222.3	19.2	10.2
136	1,398.8	871.3	1,464.8	1,194.3	3,389.8	1,202.0	1,967.2	1,407.2	3,030.5	1,616.3	19.5	10.3
137	1,220.9	1,233.4	1,526.8	1,292.8	1,320.4	1,484.4	1,158.3	2,279.0	1,254.8	1,143.6	19.2	10.3
138	1,473.8	1,451.6	1,172.8	2,833.9	2,459.7	1,931.7	1,388.0	893.8	1,240.9	1,079.0	19.2	10.1
139	1,256.7	2,240.4	988.0	1,860.8	1,310.0	1,263.4	1,616.0	1,248.6	2,986.1	1,644.6	19.9	10.3
140	842.7	1,000.9	1,493.9	3,357.3	1,307.8	1,303.5	1,339.3	1,221.5	1,476.5	1,374.4	19.2	10.1
141	2,528.5	2,866.0	1,287.6	2,041.6	1,320.0	1,448.1	1,361.7	1,254.8	1,448.0	1,396.9	19.3	10.3
142	1,082.5	1,653.8	1,821.8	2,280.3	1,309.4	1,384.1	1,574.1	1,168.9	1,172.8	2,548.1	19.4	10.3
143	1,728.2	2,409.5	3,402.6	2,913.4	1,281.0	2,293.0	1,611.5	1,046.0	1,473.8	1,774.9	18.9	10.2
144	1,242.6	3,389.3	1,452.8	1,195.4	1,888.5	1,072.6	1,527.4	2,937.5	2,398.7	1,475.1	19.1	10.3
145	2,399.1	3,363.1	1,310.7	2,963.3	2,023.4	1,271.6	1,388.3	1,272.4	1,474.4	1,316.6	19.2	10.1
146	1,217.9	1,685.4	3,372.4	1,310.9	1,371.1	2,963.3	1,218.1	1,387.9	1,250.7	1,285.3	19.1	10.6
147	1,449.0	1,678.0	1,317.5	1,884.8	1,278.7	2,259.4	1,504.3	1,286.5	1,814.7	1,162.2	19.3	10.2
148	2,393.0	2,254.3	1,299.4	1,493.4	907.1	2,963.3	1,352.2	1,124.1	1,242.6	1,178.3	18.9	10.4
149	2,963.3	1,470.2	1,313.2	1,761.9	1,529.5	1,236.0	1,272.9	2,267.2	1,819.2	2,583.8	19.2	10.1

Stream ID	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	RF1	RF2
150	1,267.7	2,972.9	1,258.0	1,139.0	3,446.1	867.0	1,755.6	1,475.3	2,410.6	1,315.0	19.3	10.3
151	1,536.9	1,253.7	1,276.1	1,308.8	940.6	1,947.5	1,540.8	1,336.5	2,285.9	3,609.9	19.2	10.1
152	976.8	1,366.0	1,179.9	1,309.4	1,376.8	1,583.2	1,359.8	1,275.5	1,392.6	1,242.0	19.2	10.3
153	2,293.5	1,149.3	1,297.6	912.7	3,414.4	1,325.4	1,265.2	1,295.4	1,238.0	2,546.5	18.9	10.4
154	882.8	1,464.8	1,353.4	1,264.1	1,080.8	1,258.0	1,299.2	1,325.7	2,491.5	1,913.5	19.3	10.1
155	1,826.7	1,346.6	3,051.6	2,263.1	1,535.0	1,262.3	1,634.8	1,194.9	1,089.0	1,468.6	19.4	10.1
156	1,137.8	1,471.1	3,061.2	3,381.0	1,500.4	1,310.7	1,364.2	1,272.2	1,313.6	1,396.5	19.2	10.3
157	3,181.8	1,371.9	1,226.2	1,473.1	1,366.0	1,302.0	1,528.5	897.6	1,887.5	1,265.0	19.1	10.1
158	1,172.7	3,116.7	1,378.2	1,971.0	3,414.2	965.9	1,352.3	1,585.2	1,230.1	2,554.0	19.6	10.3
159	1,862.5	875.7	1,116.0	1,313.1	3,242.5	1,475.2	2,193.4	1,081.7	2,255.1	1,312.3	19.3	10.4
160	3,303.2	3,162.5	1,163.8	955.2	1,085.9	1,347.8	1,614.0	3,041.9	1,361.1	1,686.2	19.6	10.1
161	1,464.5	1,652.7	1,272.6	1,314.3	1,183.4	1,452.7	957.1	3,266.2	976.8	1,275.8	19.9	10.3
162	1,072.6	2,445.2	1,544.9	1,260.5	1,511.9	1,251.1	1,266.2	1,487.0	2,255.1	1,634.5	19.4	10.3
163	3,351.2	1,288.3	3,182.4	1,125.1	2,474.4	949.2	2,130.5	1,269.6	1,246.5	1,496.8	21.7	10.2
164	1,264.1	3,313.2	867.9	1,276.1	1,937.0	2,337.4	1,446.2	1,562.2	1,259.9	1,259.4	19.2	10.3
165	1,268.6	1,176.9	1,224.1	1,313.7	1,316.7	2,334.5	1,542.8	1,434.1	3,563.7	1,302.1	19.4	10.4
166	989.0	2,420.8	1,276.6	1,566.4	3,280.5	962.3	1,584.0	1,312.5	2,278.8	1,256.7	19.4	10.8
167	1,329.6	1,258.9	1,306.9	1,305.9	1,558.8	1,340.7	1,600.8	1,013.4	1,139.1	1,272.2	19.2	10.3
168	1,448.2	2,474.4	1,516.9	1,298.9	2,038.9	937.8	1,642.0	2,098.8	3,131.0	1,365.7	19.0	10.2
169	1,258.6	1,256.8	3,120.7	1,910.5	1,288.8	1,299.2	2,414.2	1,445.1	3,560.8	1,274.3	19.1	10.2
170	1,539.2	1,396.6	2,461.9	901.6	1,444.3	1,240.7	1,506.7	1,359.8	2,528.2	1,340.7	19.6	10.2
171	1,100.4	1,349.1	1,386.2	1,477.3	1,318.4	3,402.6	1,373.2	2,442.0	1,557.5	2,558.8	19.9	10.2
172	1,425.1	1,337.0	2,248.1	1,239.9	1,585.7	1,327.0	3,532.8	1,240.2	1,329.9	1,090.4	19.4	10.2
173	3,191.8	1,264.0	1,232.7	2,665.0	1,581.7	1,347.8	1,452.3	1,609.9	1,271.0	1,186.8	19.5	10.1
174	1,210.5	1,241.9	3,135.0	867.6	1,626.2	2,426.2	1,533.8	1,188.6	1,297.6	1,299.3	18.9	10.3
175	1,346.4	3,077.3	3,513.6	2,279.6	1,632.7	2,426.2	1,535.7	1,968.1	1,140.6	1,240.0	19.2	10.4
176	1,147.1	1,399.9	2,296.6	2,231.3	1,565.8	1,479.7	1,436.1	1,008.0	937.8	2,002.7	19.2	12.6
177	1,289.2	900.4	1,452.7	1,171.5	3,162.6	1,272.6	2,125.8	1,501.0	3,532.7	1,431.4	19.1	10.5
178	1,234.1	1,171.9	1,320.4	1,247.2	1,315.4	1,514.2	1,107.2	2,293.5	1,268.9	1,157.7	19.1	10.3
179	1,433.0	1,477.4	1,236.7	3,563.6	2,269.3	3,155.0	1,352.2	1,010.1	1,341.7	1,107.1	19.6	10.3
180	1,262.4	2,347.2	992.5	1,976.1	1,351.6	1,395.0	1,550.4	1,375.9	2,707.1	1,391.1	19.0	10.4
181	950.0	934.0	1,272.0	3,141.3	1,381.0	1,172.6	1,323.9	1,328.8	1,441.1	1,312.2	19.0	10.3
182	2,312.5	3,583.7	1,304.3	2,107.4	1,262.4	1,424.8	1,344.0	1,269.4	1,445.6	1,394.5	19.3	10.2
183	1,183.9	1,497.2	1,958.1	2,361.5	1,378.5	1,392.6	1,540.4	1,233.0	1,309.4	2,422.8	19.5	10.1
184	1,591.5	2,254.1	3,181.0	3,617.4	1,267.7	2,285.9	1,372.1	1,016.8	1,467.8	1,955.5	19.5	10.3
185	1,316.4	3,188.1	1,514.2	1,252.8	1,983.8	996.7	1,309.2	3,618.5	2,270.6	1,491.1	19.5	10.2
186	2,263.8	3,180.8	1,334.9	3,639.8	1,965.3	1,290.5	1,389.9	1,217.8	1,510.2	1,272.0	19.4	10.5
187	1,276.1	1,499.9	3,196.0	1,161.8	1,194.7	3,618.5	1,229.8	1,355.0	1,360.0	1,350.2	19.1	10.3
188	1,497.6	1,516.6	1,234.1	2,107.6	1,309.0	2,293.5	1,512.2	1,259.3	1,967.5	1,289.8	19.5	10.3
189	2,270.6	2,293.5	1,219.1	1,534.3	1,014.4	3,618.5	1,332.9	1,159.1	1,297.6	1,309.9	19.4	10.1
190	3,618.5	1,260.7	1,352.0	1,874.5	1,520.9	1,188.2	1,352.7	2,364.4	1,955.1	2,280.7	19.6	10.3
191	1,225.5	3,626.5	1,308.5	1,195.2	3,243.5	850.3	1,902.7	1,502.9	2,222.8	1,327.2	19.3	10.4
192	1,495.4	1,163.1	1,277.7	1,385.1	952.1	1,972.0	1,597.7	1,338.3	2,310.6	3,336.4	19.4	10.2
193	989.0	1,289.2	1,151.8	1,257.4	1,440.9	1,495.5	1,400.6	1,327.4	1,448.2	1,279.9	19.5	10.6
194	2,293.6	1,138.5	1,302.9	908.0	3,223.7	1,333.4	1,277.1	1,292.4	1,232.7	2,221.9	19.5	10.3
195	949.8	1,300.5	1,193.2	1,347.8	1,055.3	1,234.1	1,293.9	1,363.4	2,229.7	3,050.1	18.9	10.4
196	1,975.8	1,310.7	3,690.9	2,291.2	1,338.5	1,269.4	1,527.9	1,246.1	1,157.2	1,500.5	19.3	10.3
197	1,112.1	1,319.8	3,695.0	3,222.1	1,547.8	1,310.7	1,399.7	1,309.6	1,187.8	1,410.0	19.4	10.3
198	2,999.4	1,310.5	1,307.8	1,455.0	1,367.0	1,361.9	1,513.0	967.6	1,971.9	1,190.3	19.4	10.2
199	1,170.7	3,747.2	1,408.7	1,999.4	3,223.6	896.5	1,324.0	1,537.7	1,264.6	2,202.1	19.5	10.4
200	1,963.7	913.7	1,155.2	1,167.9	3,096.9	1,264.0	3,061.0	991.0	2,331.3	1,386.2	19.5	10.3
201	3,989.9	3,030.0	1,228.1	967.5	1,068.6	1,275.7	1,602.5	2,286.6	1,408.9	1,520.6	19.1	10.4
202	1,478.9	1,489.6	1,259.7	1,249.5	1,181.4	1,406.8	968.5	3,942.8	878.2	1,359.6	19.4	10.3
203	989.0	2,209.0	1,514.2	1,255.0	1,528.8	1,307.8	1,320.5	1,310.5	2,293.1	1,429.2	19.5	10.5
204	3,989.8	1,193.6	3,025.4	1,168.0	2,261.2	912.1	2,645.5	1,330.3	1,293.9	1,446.1	19.5	10.3
205	1,353.1	3,955.8	984.8	1,254.6	2,101.5	2,195.4	1,447.9	1,541.3	1,323.3	1,303.4	19.5	10.1
206	1,228.4	1,157.6	1,283.7	1,161.0	1,360.4	2,091.6	1,531.9	1,311.0	4,183.5	1,271.9	19.3	10.1
207	906.2	2,195.0	1,279.4	1,509.2	3,077.7	947.9	1,582.5	1,338.7	2,381.6	1,317.5	19.2	10.4
208	1,193.4	1,337.0	1,174.3	1,328.8	1,567.1	1,176.4	1,540.1	887.3	1,286.9	1,520.0	19.1	10.3

Stream ID	Q13	Q14	Q15	Q16	Q17	Q18	Q19	Q20	Q21	Q22	RF1	RF2
209	1,452.6	2,098.0	1,493.7	1,284.3	2,041.7	909.2	1,580.2	2,681.1	3,151.9	1,265.1	19.4	10.4
210	1,293.0	1,349.0	2,985.2	1,984.5	1,334.0	1,233.1	2,342.8	1,461.5	4,228.4	1,380.2	19.7	10.3
211	1,515.7	1,448.2	2,199.3	967.0	1,444.9	1,264.4	1,426.1	1,286.9	2,560.2	1,389.1	19.3	10.4
212	1,108.9	1,311.0	1,394.5	1,454.9	1,349.4	4,052.4	1,356.3	2,208.6	1,476.6	2,310.6	19.5	10.3
213	1,427.2	1,323.2	1,969.0	1,234.4	1,573.4	1,375.5	4,179.4	1,264.1	1,296.4	1,121.7	19.5	10.3
214	2,979.2	1,275.0	1,261.5	2,332.0	1,532.7	1,280.5	1,288.6	1,508.2	1,312.7	924.7	19.4	10.3
215	1,317.2	1,270.4	2,997.5	931.4	1,565.0	2,202.9	1,552.5	1,156.8	1,222.4	1,346.7	19.1	10.3
216	1,238.0	2,945.8	4,118.0	2,315.7	1,568.7	2,202.9	1,481.6	1,996.3	1,286.9	1,242.4	19.3	10.2
217	1,147.2	1,359.9	2,607.8	1,921.2	1,569.5	1,421.6	1,446.4	953.2	943.3	2,167.1	19.6	10.2
218	1,412.7	914.2	1,359.9	1,338.0	3,007.9	1,271.9	2,597.9	1,438.2	4,179.4	1,310.2	19.3	10.3
219	1,229.8	1,191.3	1,212.4	1,331.8	1,371.4	1,517.0	1,047.4	2,151.3	1,293.9	1,276.3	19.8	10.3
220	1,433.8	1,444.4	1,236.7	4,209.6	2,043.8	2,745.9	1,448.5	967.3	1,341.7	939.7	19.5	10.2
221	1,293.5	2,153.9	973.4	2,159.6	1,355.1	1,243.5	1,601.9	1,333.1	2,981.5	1,277.0	19.7	10.5
222	914.6	907.7	1,232.9	2,993.8	1,214.4	1,360.0	1,243.4	1,261.6	1,510.2	1,410.7	19.4	10.5
223	2,093.6	4,232.5	1,321.2	2,339.7	1,413.7	1,444.1	1,269.5	1,316.0	1,474.7	1,399.8	19.6	12.5
224	1,147.2	1,475.0	1,981.4	2,272.4	1,229.6	1,444.1	1,517.0	1,313.8	1,261.5	2,040.4	19.4	10.1
225	1,493.0	2,012.8	3,063.6	4,264.0	1,443.8	2,250.8	9,757.1	1,896.3	75.6	1,992.5	19.3	10.4
226	1,302.8	3,066.9	1,505.9	1,264.7	2,041.1	900.8	1,318.8	4,260.8	2,012.8	1,473.0	19.3	10.3
227	2,009.8	3,068.0	1,321.2	4,282.3	2,413.1	1,158.5	1,312.0	1,313.5	1,526.8	1,409.5	19.3	10.4
228	1,263.6	1,493.0	3,072.7	1,221.7	1,243.8	4,264.0	1,249.3	1,256.9	1,319.9	1,355.3	19.3	10.5
229	1,474.3	1,500.4	1,197.2	2,576.1	1,272.8	2,257.2	1,441.8	1,371.1	2,041.1	1,263.4	19.2	10.3
230	2,003.7	2,250.8	1,173.9	1,525.5	1,024.7	4,264.0	1,374.8	1,160.7	1,154.8	1,244.0	19.3	10.4
231	4,264.0	1,051.3	1,224.5	3,044.0	1,327.0	1,182.2	1,286.6	2,199.7	2,175.6	2,272.4	19.7	10.5
232	1,341.7	4,271.9	1,261.5	1,159.0	3,134.6	958.2	3,105.5	1,444.2	1,959.9	1,195.7	19.4	10.5
233	1,483.5	1,364.6	1,249.6	1,179.8	1,014.9	2,041.1	1,564.5	1,249.6	2,257.2	3,082.7	19.5	10.3
234	878.2	1,410.7	1,162.9	1,217.3	1,208.2	1,512.0	1,354.9	1,433.3	1,452.6	1,306.8	19.5	10.6
235	2,203.3	1,095.3	1,298.4	866.5	3,140.2	1,263.6	1,175.0	1,487.4	1,357.6	1,933.0	19.3	10.4
236	983.1	1,323.2	1,196.9	1,310.7	946.4	1,217.2	1,352.3	1,255.4	1,890.4	3,047.9	19.4	10.3
237	2,088.6	1,329.6	4,325.1	2,208.3	1,289.8	1,314.7	1,512.9	1,325.1	1,157.9	1,457.6	19.7	10.2
238	1,261.9	1,227.0	4,333.0	3,109.2	1,486.1	1,238.0	1,401.1	1,340.8	1,163.7	1,325.5	19.6	10.3
239	2,904.5	1,173.9	1,325.8	1,438.0	1,299.9	1,230.0	1,479.1	957.5	2,125.2	1,333.0	19.4	10.2
240	1,359.3	4,387.0	1,411.8	2,099.5	3,142.4	943.3	1,385.6	1,491.0	1,288.2	1,949.5	19.4	10.3
241	2,095.0	1,127.4	1,199.4	1,165.8	2,995.6	1,127.0	2,890.4	830.4	2,232.6	1,225.5	18.8	10.2
242	4,602.4	2,944.7	1,341.7	929.9	991.6	1,287.5	1,454.9	2,980.1	1,376.3	1,520.1	19.2	10.4
243	1,440.7	1,504.2	1,526.4	1,022.1	1,330.4	1,555.1	1,258.3	4,588.4	808.1	1,397.1	19.3	10.6
244	805.1	1,896.2	1,512.1	1,297.1	1,579.9	1,287.4	1,356.0	1,281.9	2,134.1	1,428.7	25.4	10.8
245	4,588.3	1,112.1	2,935.4	1,267.7	1,962.6	1,019.7	3,060.1	1,339.4	1,298.4	1,473.9	18.8	10.3
246	1,326.4	4,598.5	909.2	1,241.0	2,148.7	2,167.0	1,470.5	1,511.1	1,349.7	1,300.6	19.1	10.2
247	1,197.6	1,182.4	1,289.4	1,170.4	1,439.4	1,900.1	1,590.1	1,140.5	4,838.9	1,312.1	19.2	10.4
248	868.9	1,971.4	1,437.4	1,591.3	3,035.3	965.9	1,479.9	1,236.8	3,242.6	1,305.0	19.0	10.3
249	1,139.6	1,397.6	1,311.2	1,385.3	1,453.7	978.0	1,595.2	803.8	1,247.3	1,457.0	19.0	10.3
250	1,482.7	1,919.4	1,439.5	1,309.8	2,198.7	930.8	1,607.4	3,022.3	2,957.0	1,337.2	19.0	10.4
251	1,284.2	1,412.8	2,779.3	2,108.0	1,314.1	1,053.3	2,345.9	1,563.3	4,833.6	1,325.5	19.1	10.4
252	1,510.4	1,543.2	1,903.1	1,141.8	1,370.9	1,293.1	1,238.4	1,518.2	3,074.6	1,136.1	19.0	10.4
253	1,147.7	1,513.4	1,309.3	1,487.5	1,237.4	4,602.8	1,396.4	1,979.4	1,587.6	2,425.9	19.1	10.6
254	1,550.4	1,262.4	1,849.4	1,228.1	1,575.6	1,419.2	4,722.0	1,284.2	1,362.8	1,148.9	19.0	10.4
255	2,837.7	1,278.6	1,197.0	2,759.0	1,485.9	1,355.3	1,280.5	1,591.3	1,116.8	868.2	19.2	10.2
256	1,315.4	1,270.4	2,904.4	929.8	1,573.6	1,888.5	1,642.5	1,168.2	1,230.0	1,343.4	19.0	10.5
Min	28.2	2.5	4.9	7.8	106.3	128.6	32.8	7.1	75.6	8.1	18.3	10.1
Ave	1,602.2	1,812.6	1,755.7	1,629.2	1,830.5	1,560.4	1,604.1	1,480.5	1,706.9	1,562.9	19.2	10.3
Max	4,602.4	4,598.5	4,585.7	4,586.8	6,480.7	4,602.8	10,960.4	4,588.4	4,838.9	4,688.9	25.4	12.6