



Welcome to Minnesota Wireless Association

FALL MEETING 2021



ARRL Contest Branch

Bart W9JJ & Paul N1SFE



MWA Treasury

Bill, ACØW

Pass the hat - electronically



- ▶ PAYPAL - paypal.me/ACØW
velippert@charter.net
- ▶ MAIL - ACØW callbook address

MWA 2021 Finances



• Balance from 2020	\$ 1,066
• Income	\$ 3,441
• Expenses	\$ 2,482
• Balance end of 2021	<u>\$ 2,025</u>

PAYPAL - paypal.me/ACØW

MWA 2021 Income

	2021	2020
• MWA Donations	\$ 2,069	\$ 1,370
• MNQP Donations	\$ 1,372	\$ 1,113
• Total Income	<u>\$ 3,441</u>	<u>\$ 2,483</u>

PAYPAL - paypal.me/ACØW

MWA 2021 Expense

	2021	2020
• Plaques	\$ 1,065	\$ 1,063
• Misc	\$ 298	\$ 363
• Web site, reflector, Zoom, MN Sec of State		
• MNQP	\$ 1,119	\$ 1,238
• Total Expense	<u>\$ 2,482</u>	<u>\$ 2,664</u>

PAYPAL - paypal.me/ACØW

MWA 2022 Budget



• Plaques	\$ 1,065
• Misc	\$ 300
• Web site, reflector, Zoom	
• MNQP	\$ 1,200
• Total Budget	<u>\$ 2,565</u>

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Plaque sponsorship

▶ SS 4 Plaques / Mode

- SO HP
- SO LP
- SO Unlimited HP
- SO Unlimited LP

▶ RTTY RU 4 Plaques

- SO HP
- SO LP
- SO Unlimited HP
- SO Unlimited LP

NAQP CW Multi-op 2 plaques – in memory of KT0R

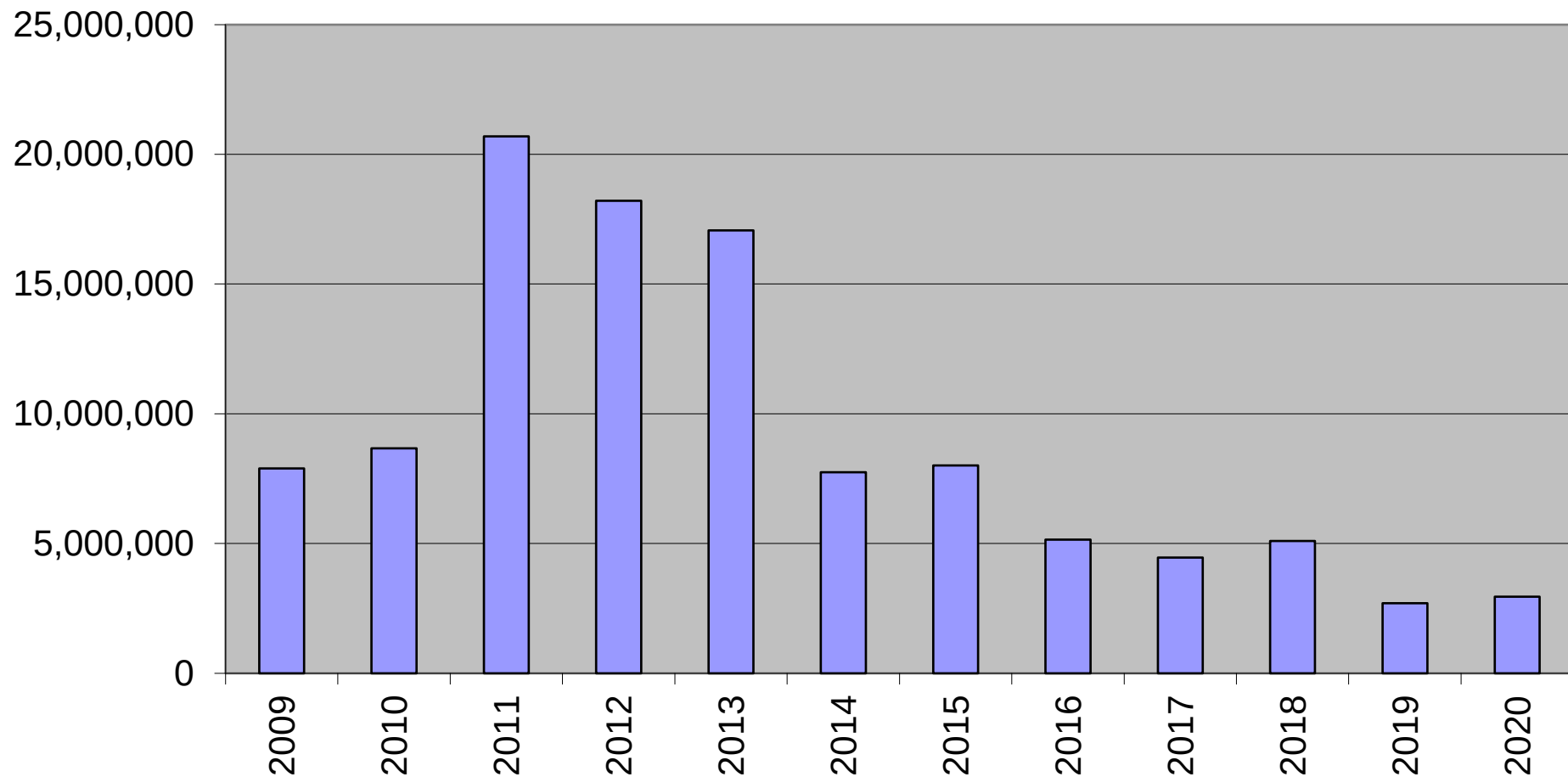
Total 14 Plaques



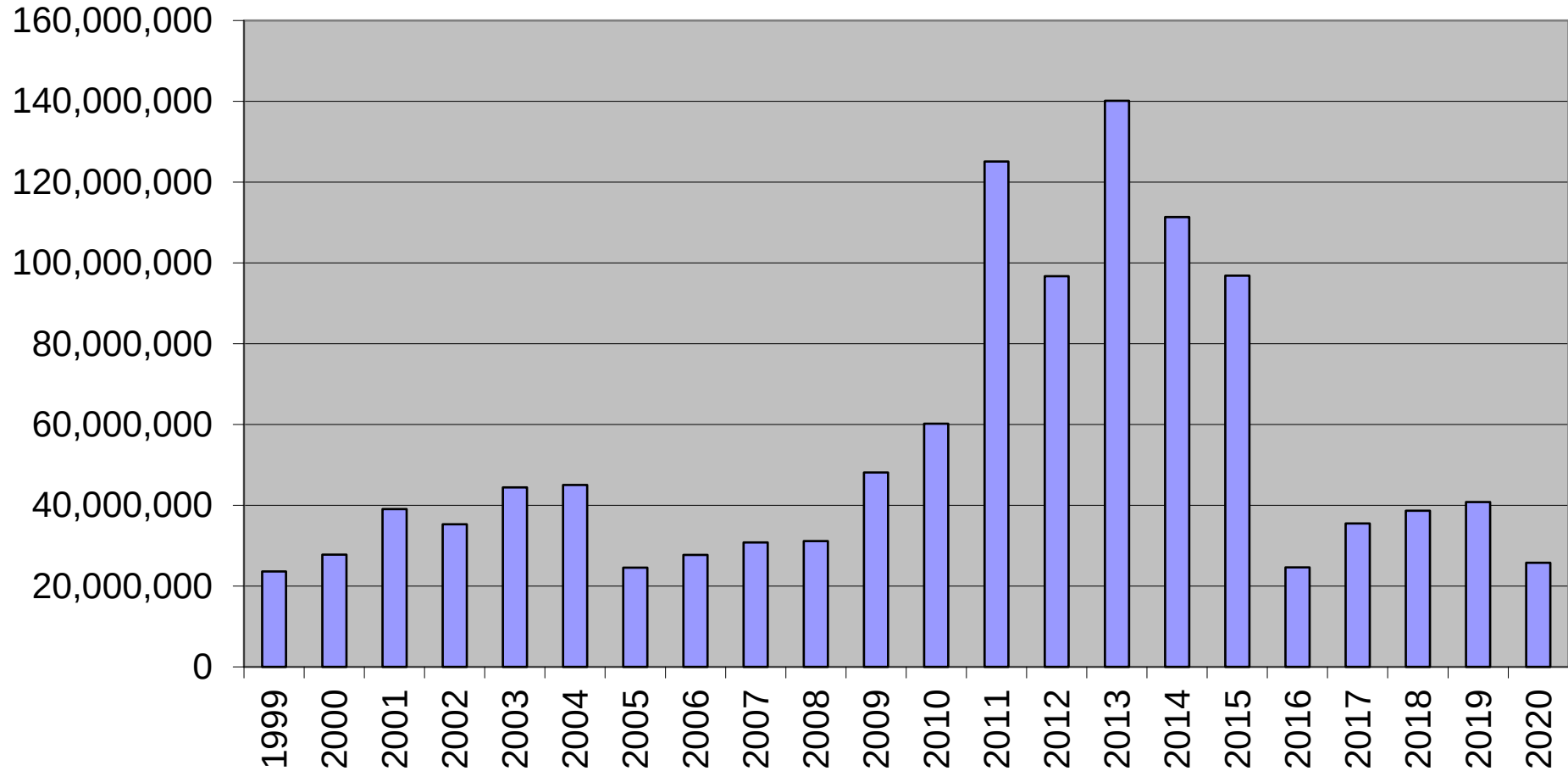
MWA 2020/2021 Results

Rich, NØHJZ

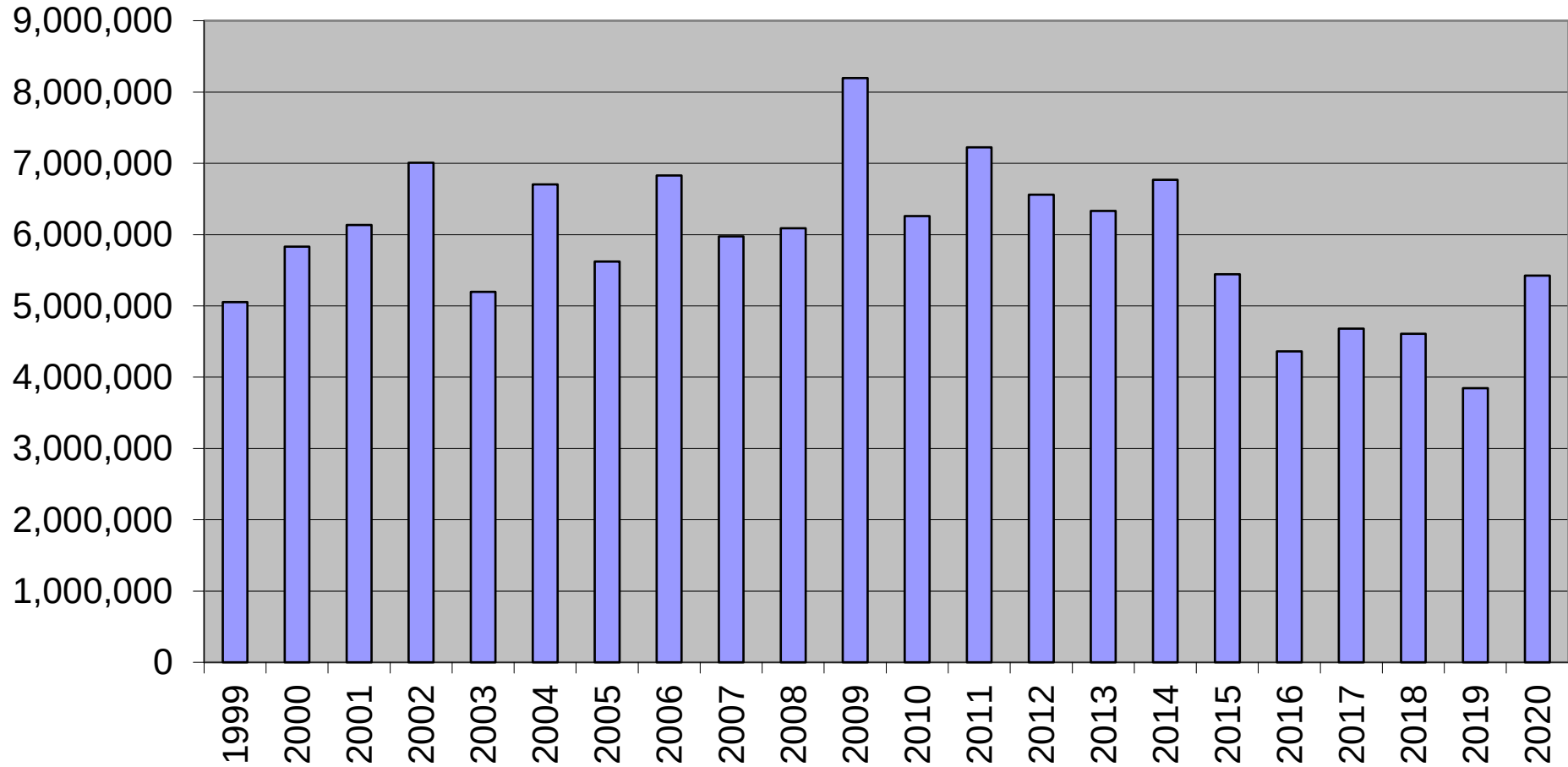
MWA TOTAL SCORE - CQWW RTTY CONTEST



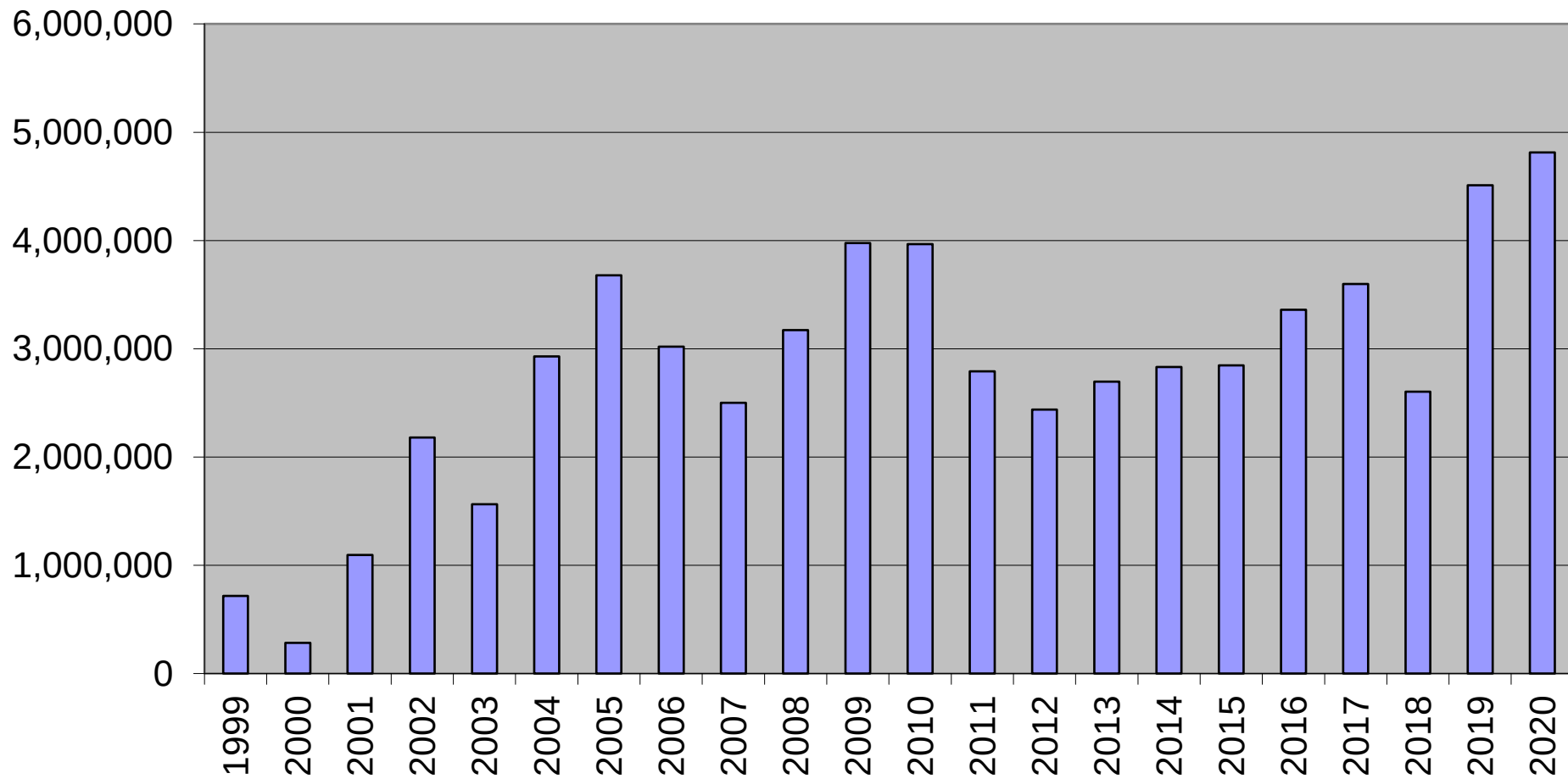
MWA TOTAL SCORE - CQWW DX CONTESTS



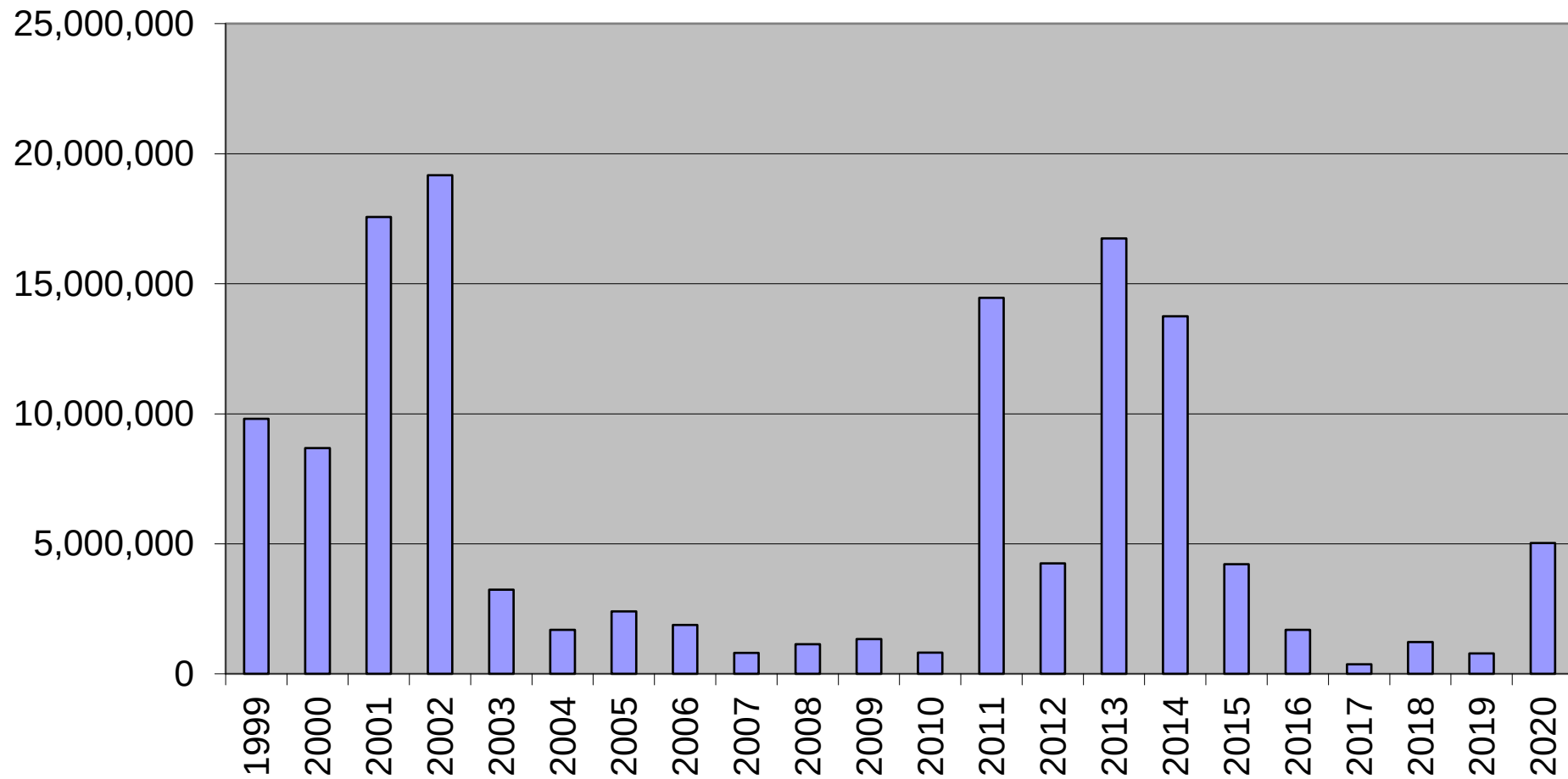
MWA TOTAL SCORE - ARRL SWEEPSTAKES



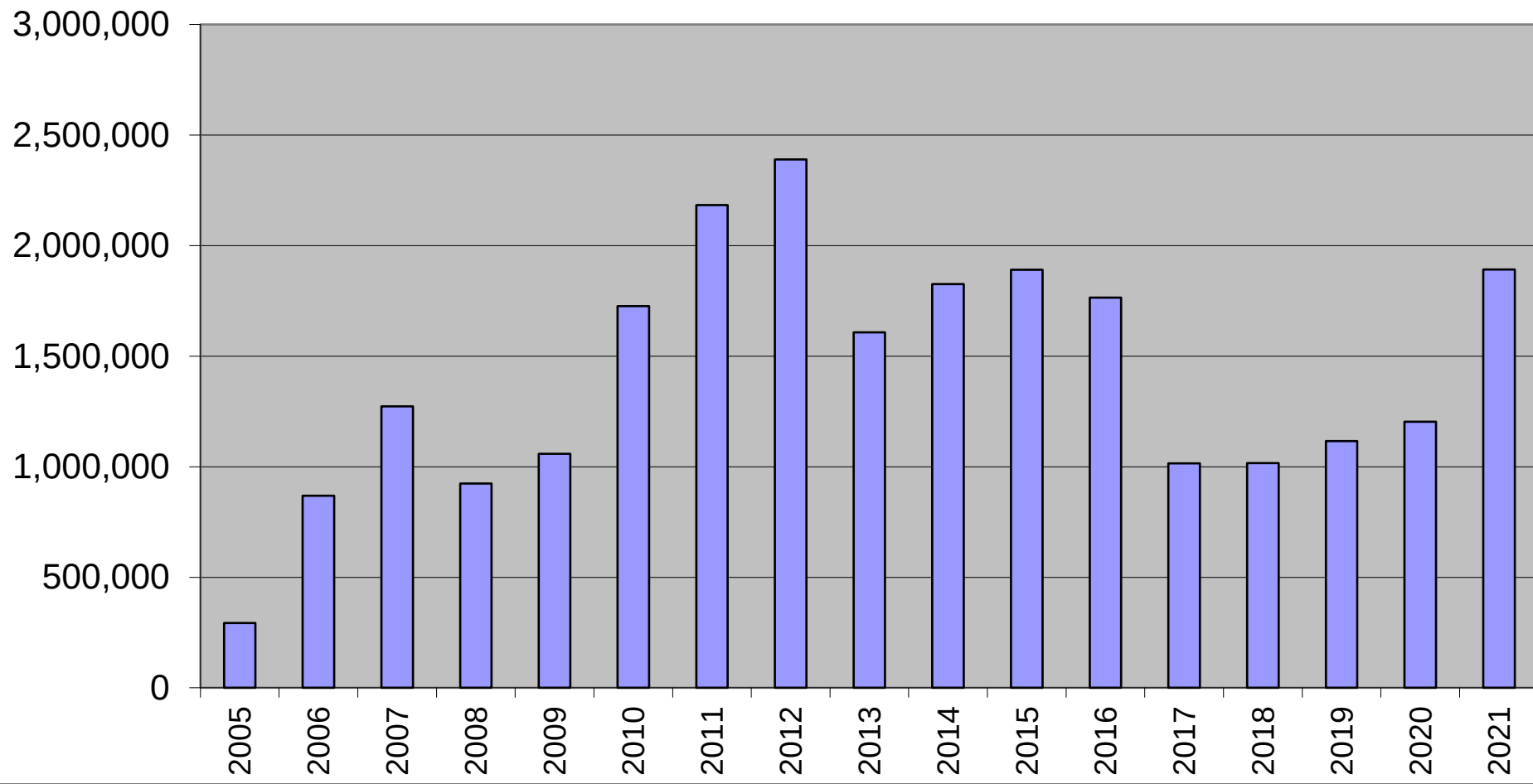
MWA TOTAL SCORE - ARRL 160 METER CONTEST



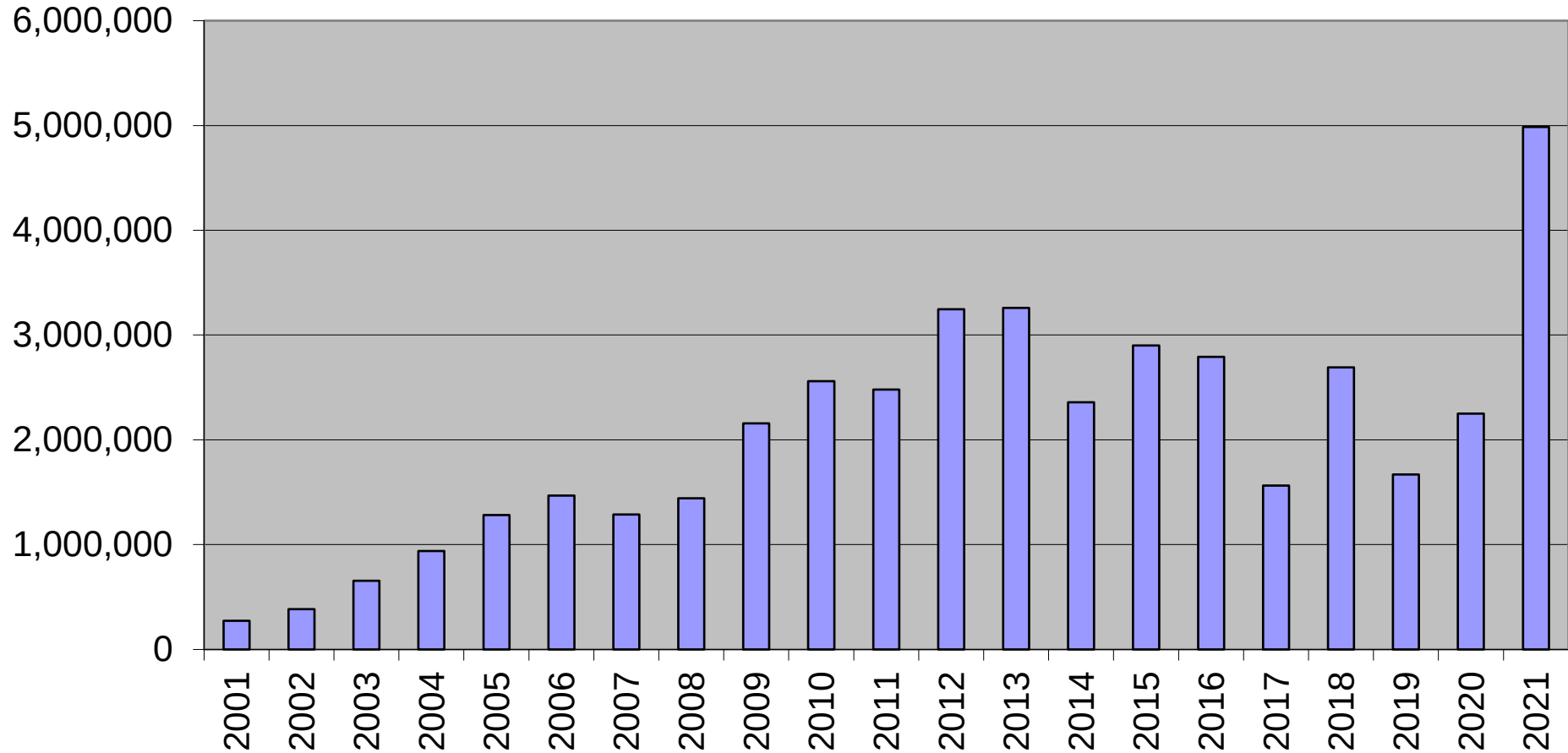
MWA TOTAL SCORE - ARRL 10 METER CONTEST



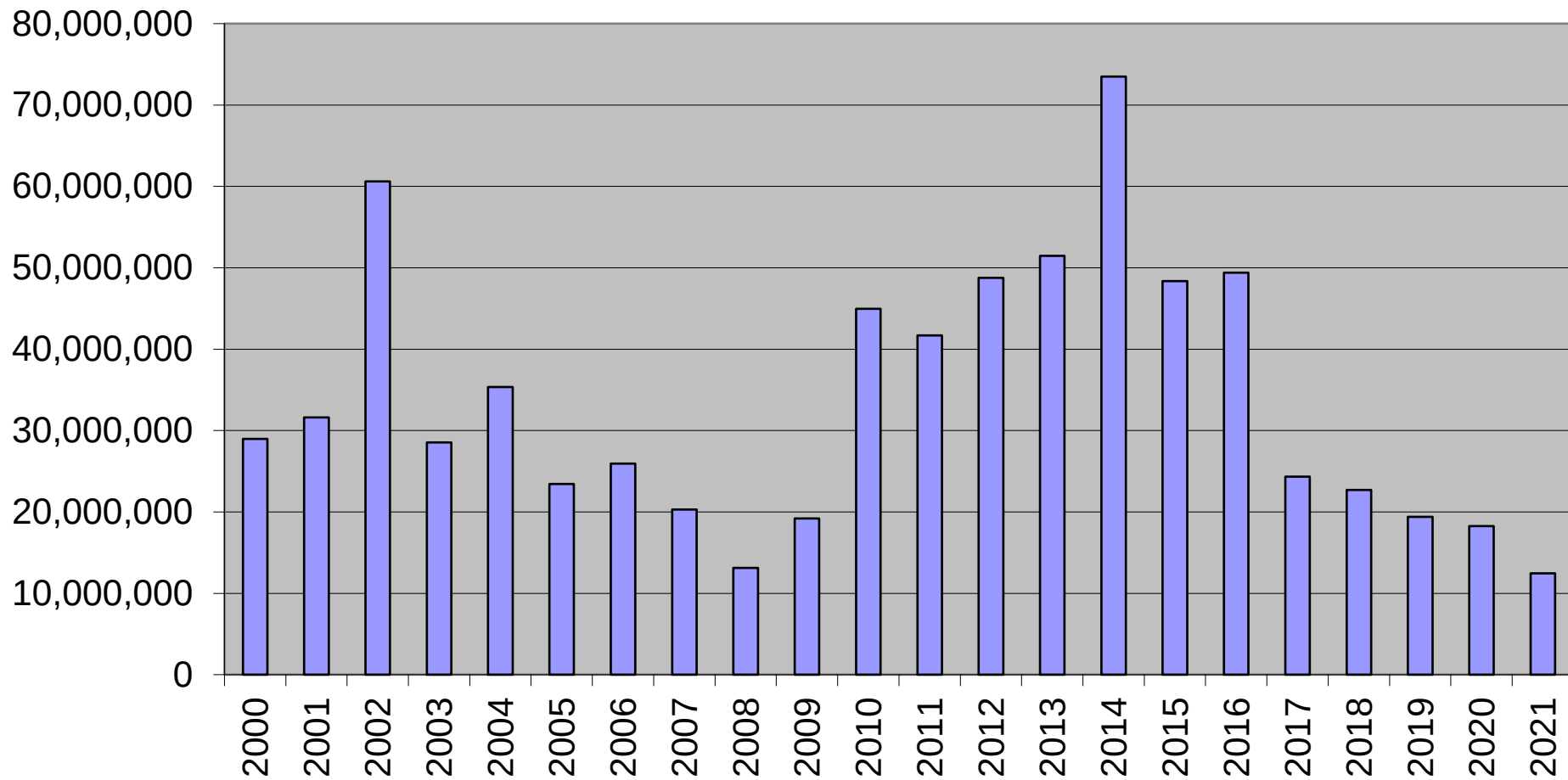
MWA TOTAL SCORE - ARRL RTTY ROUND-UP



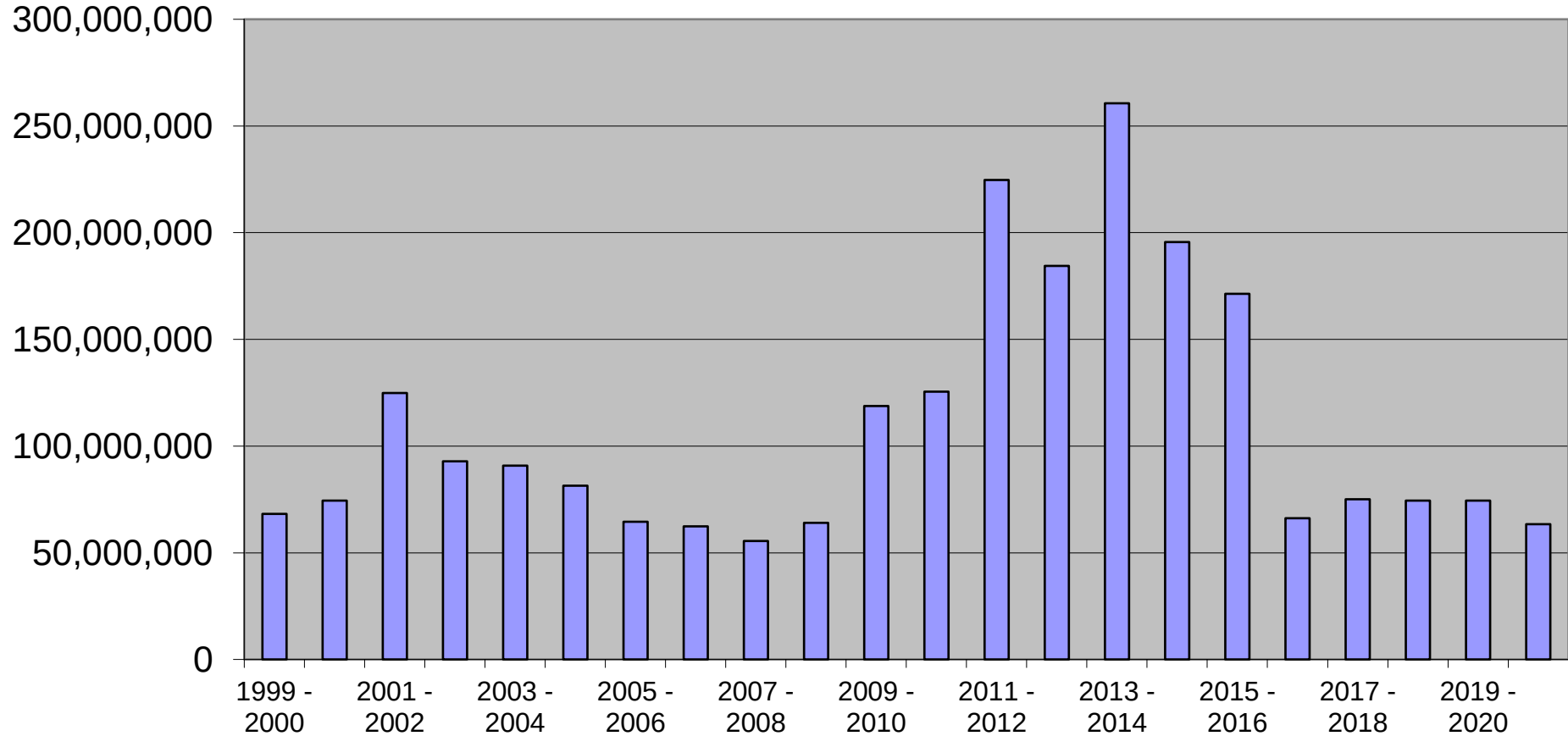
MWA TOTAL SCORE - MN QSO PARTY



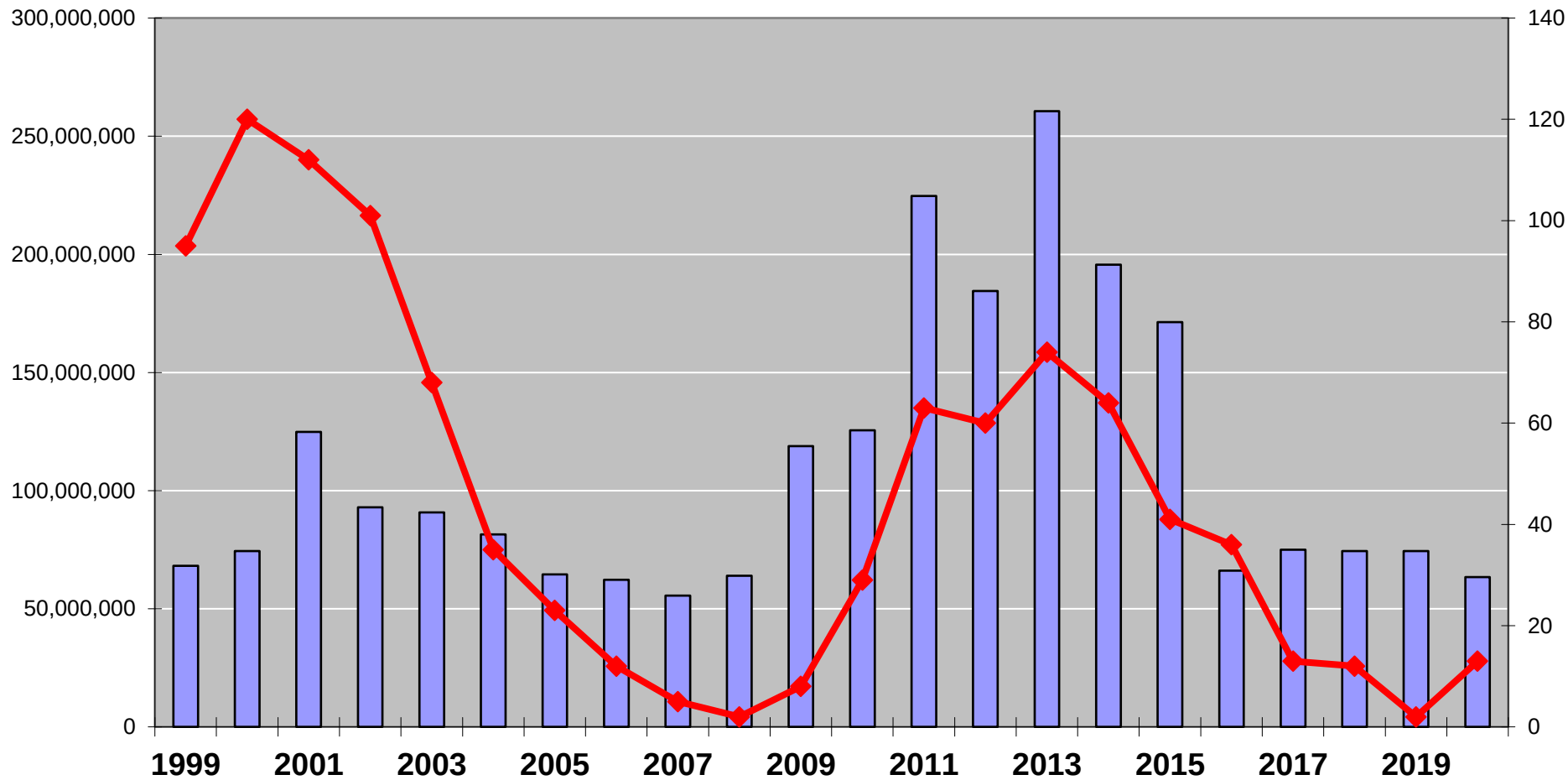
MWA TOTAL SCORE - ARRL INTL DX CONTESTS



MWA TOTAL SCORE FOR ENTIRE CONTEST SEASON



MWA SCORE VS. SMOOTHED SUNSPOT NUMBER





MWA Team Competition 2020/2021

Rich, NØHJZ

EVENT	North	Hennepin	South
CQWW RTTY			1
CQWW PHONE	1		
SS CW			1
SS PHONE			1
CQWW CW			1
ARRL 160M		1	
ARRL 10M		1	
ARRL RTTY RU			1
MNQP		1	
ARRL DX CW			1
ARRL DX PHONE			1
Bonus 160 Meters			1
Tie Breaker MNQP			
TOTAL:	1	3	8

MWA TEAM COMPETITION

TEAM	2020 SCORE	2021 SCORE	% INC.
NORTH	25,281,443	15,271,707	-39.6 %
HENNEPIN	25,842,565	12,604,206	-29.5%
SOUTH	23,273,464	35,498,005	13.6%
TOTAL	74,397,472	63,373,918	-14.8 %

MWA FAVORITE CONTESTS

TEAM	CQWW RTTY	CQWW PH	CQWW CW	SS CW	SS PH	160M	10M	RTTY	MNQP	ARRL DX CW	ARRL DX PH	AVERAGE
NORTH	23%	38%	41%	29%	34%	30%	46%	30%	50%	32%	23%	34.18%
HENNEPIN	23%	25%	29%	38%	34%	39%	39%	27%	43%	29%	16%	31.09%
SOUTH	29%	63%	55%	38%	66%	68%	84%	45%	88%	61%	52%	59.00%
ALL MWA	26%	43%	43%	35%	46%	47%	58%	35%	62%	41%	31%	42.45%

Team South - 5.40 logs/operator

Team Hennepin - 4.66 logs/operator

Team North - 3.77 logs/operator

MWA Team competition

2021 – 2022 Bonus – CQ WPX CW & SSB

The team that has highest average score per participant for all three

(Or total points divided by # team members)

- CW – May 28-29, 2021- Team Hennepin
- SSB - March 26-27, 2022

MWA Team competition

2021 – 2022 Contest Schedule

- CQWW RTTY - Sept 25 – 26
- CQWW DX SSB - Oct 30 – 31
- Sweepstakes CW - Nov 6 – 7
- Sweepstakes SSB - Nov 20 – 21
- CQWW DX CW - Nov 27 – 28
- ARRL 160 Meter - Dec 3 - 5
- ARRL 10 Meter - Dec 11 - 12
- ARRL RTTY RU - Jan 8 - 9
- Minnesota QP - Feb 5
- ARRL DX CW - Feb 19 – 20
- ARRL DX SSB - Mar 5 – 6
- CQ WPX SSB - Mar 26 - 27



2021 Minnesota QSO Party Plaque Presentation *AI, K0AD*

MNQP 2021 Facts

- ▶ Another Record Setting Participation: **623** Logs Received !

Year	# Logs	% chg.
2018	312	--
2019	266	-14.7%
2020	421	58.3%
2021	623	48.0%

- ▶ 159 Minnesota Logs and 464 non-MN Logs
- ▶ 11 MN Mobiles and 4 MN Rovers

Mode	QSOs
CW	24,678
Phone	30,193

A Big Thanks to:

- ▶ All the Plaque, Rice, and Shipping Sponsors
\$1390 in sponsorships this year !
- ▶ All MN Participants – Especially Mobiles and Rovers !
- ▶ Mark, WAØMHJ for Log Compilation and Write Up !

First Year for Rice Awards to All MN Category Winners



Plaques Award

Minnesota Phone Only

645 Qs / 101 Mults / 130,290 Score

And the Winner is.....

Tom Reiff, KØYR



1st Place
Minnesota Phone Only

Plaque Sponsor: Mike, N0BUI

Plaques Award

Minnesota Multi-Op

904 Qs / 72 Mults / 200,668 Score

And the Winner is.....

Minnesota Valley Amateur Radio Association – **WØM**



1st Place
Minnesota Multi - Op

Plaque Sponsor: St Paul Radio
Club

Plaques Award

Minnesota QRP

184 Qs / 72 Mults / 26,496 Score

And the Winner is.....

Randy Shirbroun – NDØC



1st Place
Minnesota QRP

Plaque Sponsor: MWA

Plaques Award

Minnesota Rover

799 Qs / 79 Mults / 126,242 Score

And the Winner is.....

John Platt – WØZQ



1st Place
Minnesota Rover

Plaque Sponsor: Pat Cain, K0PC

Plaques Award

Minnesota Mobile

1314 Qs / 80 Mults / 210,240 Score

And the Winner is.....

Rich Westerberg, NØHJZ



1st Place
Minnesota Mobile

Plaque Sponsor: Twin City DX
Association

Plaques Award

Minnesota Low Power

1013 Qs / 112 Mults / 226,912 Score

And the Winner is.....

Bill Lippert, ACØW



1st Place
Minnesota Low Power

Plaque Sponsor: Twin City FM
Club



See You All in MNQP
2022
on Saturday, February 5 !



MWA Achievement Awards

Rich, NØHJZ

CQ WW DX CW TRAVELING TROPHY

- Single OP Low Power Assisted
 - 2014 KØMPH
 - 2015 KØMPH
 - 2016 ACØW
 - 2017 ACØW
 - 2018 KØRC
 - 2019 KØRC
 - **2020 NØHJZ**



MWA CQWW DX CW
SINGLE-OPERATOR
LOW-POWER ASSISTED



2014 KØMPH
2015 KØMPH
2016 ACSTW
2017 ACSTW
2018 KØRC
2019 KØRC

MWA Get A Life Award

SOUTH

- ACØW
- KØCN
- K0KX
- KØMD
- KØPC
- K4IU
- KØYR
- KA9FOX
- KB9S
- KIØF
- KZ9V
- NØBUI
- NØHJZ
- NØUR
- W0GJ

MWA Get A Life Award

HENNEPIN

- AEØEE
- KØAD
- KØHB
- KØMPH
- NØAT
- WBØN

NORTH

- AAØAW
- KØJJR
- KØTC
- WØPI
- W6GMT
- WAØLIF
- WAØMHJ

2019 - 2020 GET A LIFE AWARD!!

Presented to

WBØN

In recognition for ignoring friends, family, sporting events and all other social activities, to sit in front of a radio for all eleven contests during the 2019 - 2020 contest season.

Awarded by

The Minnesota Wireless Association

9/22/2020

MWA Achievement Award

Gold Level

1 -2 Million Pts

- WAØMHJ 1.95 M
- KIØF 1.92 M
- ACØW 1.84 M
- NØHJZ 1.82 M
- KØBBC 1.74 M
- NØAV 1.40 M
- WØOR 1.39 M
- WI9WI 1.36 M
- KØJJR 1.32 M
- NØUR 1.29 M
- KA9FOX 1.24 M
- NEØU 1.24 M
- WBØN 1.17 M
- WØPI 1.12 M
- AAØAW 1.11 M
- NE9U 1.07 M
- KBØEO 1.06 M
- NØBUI 1.05 M
- KØPC 1.03 M

2019 - 2020 CONTEST ACHIEVEMENT AWARD
GOLD LEVEL

Presented to

KØMD

In recognition for contributing over 1,000,000 points to the
MWA club score during the 2019 - 2020 contest season.

Awarded by

The Minnesota Wireless Association

September 22, 2020

MWA Achievement Award

Platinum Level

2 – 3 Million Pts

- KØMD 2.81 Million
- KØTT 2.80 Million
- WØGJ 2.34 Million
- KØAD 2.15 Million
- KØYR 2.04 Million

2019 - 2020 CONTEST ACHIEVEMENT AWARD
PLATINUM LEVEL

Presented to

KØPC

In recognition for contributing over 2,000,000 points to the
MWA club score during the 2019 - 2020 contest season.

Awarded by

The Minnesota Wireless Association

September 22, 2020

MWA Achievement Award

Diamond Level

3 Million Pts or more

- NØAT 3.13 Million

2019 - 2020 CONTEST ACHIEVEMENT AWARD
DIAMOND LEVEL



Presented to

NE9U



In recognition for contributing over 4,000,000 points to the
MWA club score during the 2019 - 2020 contest season.

Awarded by

The Minnesota Wireless Association

September 22, 2020

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Next meeting



- Fall
 - September 20, 2022
 - Tuesday before CQWW RTTY