



CURBSIDE BRUSH COLLECTION
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OVERVIEW



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Sanitation collects brush from single-family houses. Brush not collected by the City includes commercially cut brush, brush cut from vacant lots, businesses or apartments. Additionally, crews do not collect, brush mixed with trash brush that does not meet the size requirements, brush placed in inaccessible areas, i.e. under wires, tree branches or blocked by vehicles.

Collections are done one quadrant at a time, working in a clockwise direction.

Brush collection is limited from November 1st through January 15th because some crews are re-assigned to leaf collection, which decreases the man hours spent for collecting brush.

Collection normally takes 21-working days to complete a cycle, but it may take longer days if there is heavy brush due to a storm event.

VEHICLES USED FOR BRUSH COLLECTION

- Hoist Trucks also known as Knuckle boom loaders, designed to pick-up large loads of brush eliminating the need for manual labor.
- Scow Bed Dump Trucks which are loaded by the Hoist Trucks, but also use for small loads which are done manually.





BRUSH COLLECTION MAN POWER

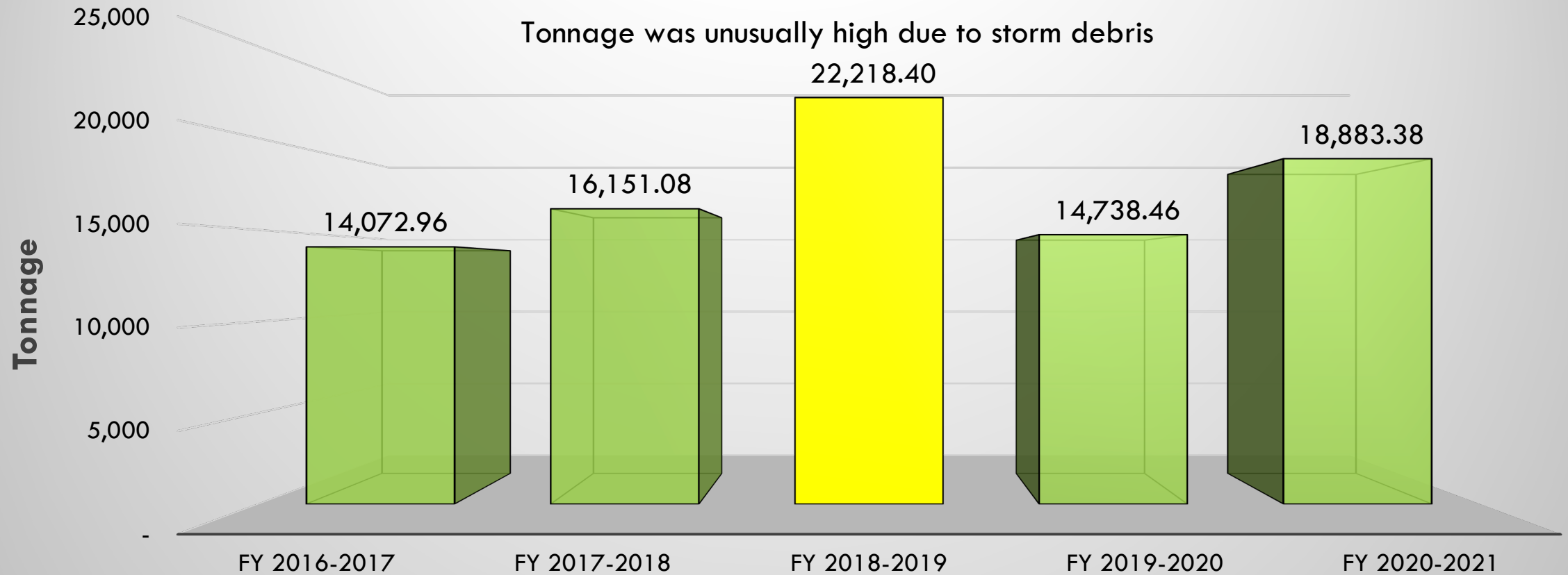
Yearly average of 26 employees working together in one quadrant until all quadrants are finished.

11 crews consist of 1-hoist truck, 1 or 2 scow bed dump trucks, and between 2-4 employees.

(The 11 crews are reduced to an average of 4 crews during leaf season.)

BRUSH COLLECTION BY FISCAL YEAR

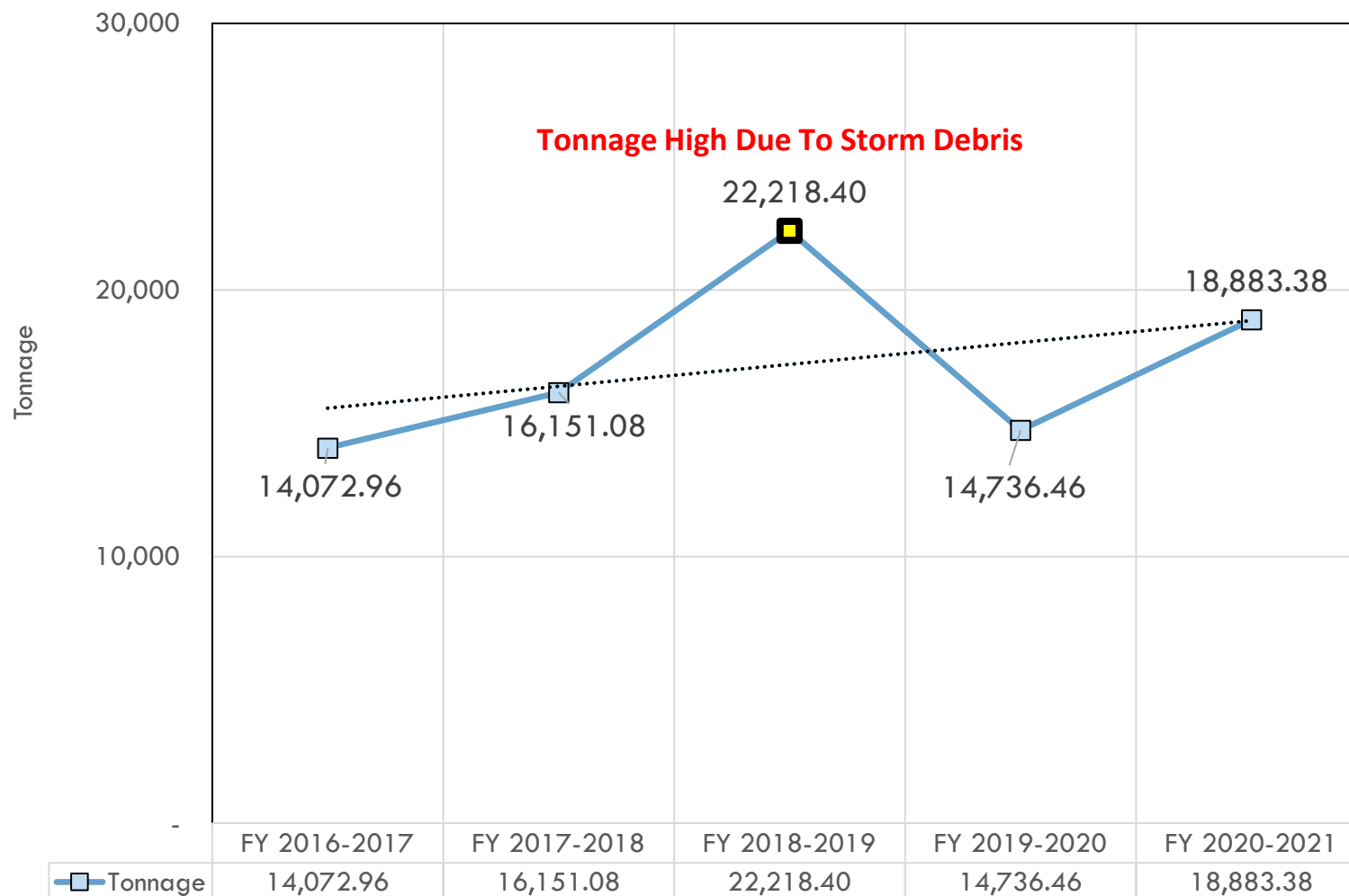
Curbside Tonnage FY 2016-2017 thru FY 2020-2021



	FY 2016-2017	FY 2017-2018	FY 2018-2019	FY 2019-2020	FY 2020-2021
■ Tonnage	14,072.96	16,151.08	22,218.40	14,738.46	18,883.38

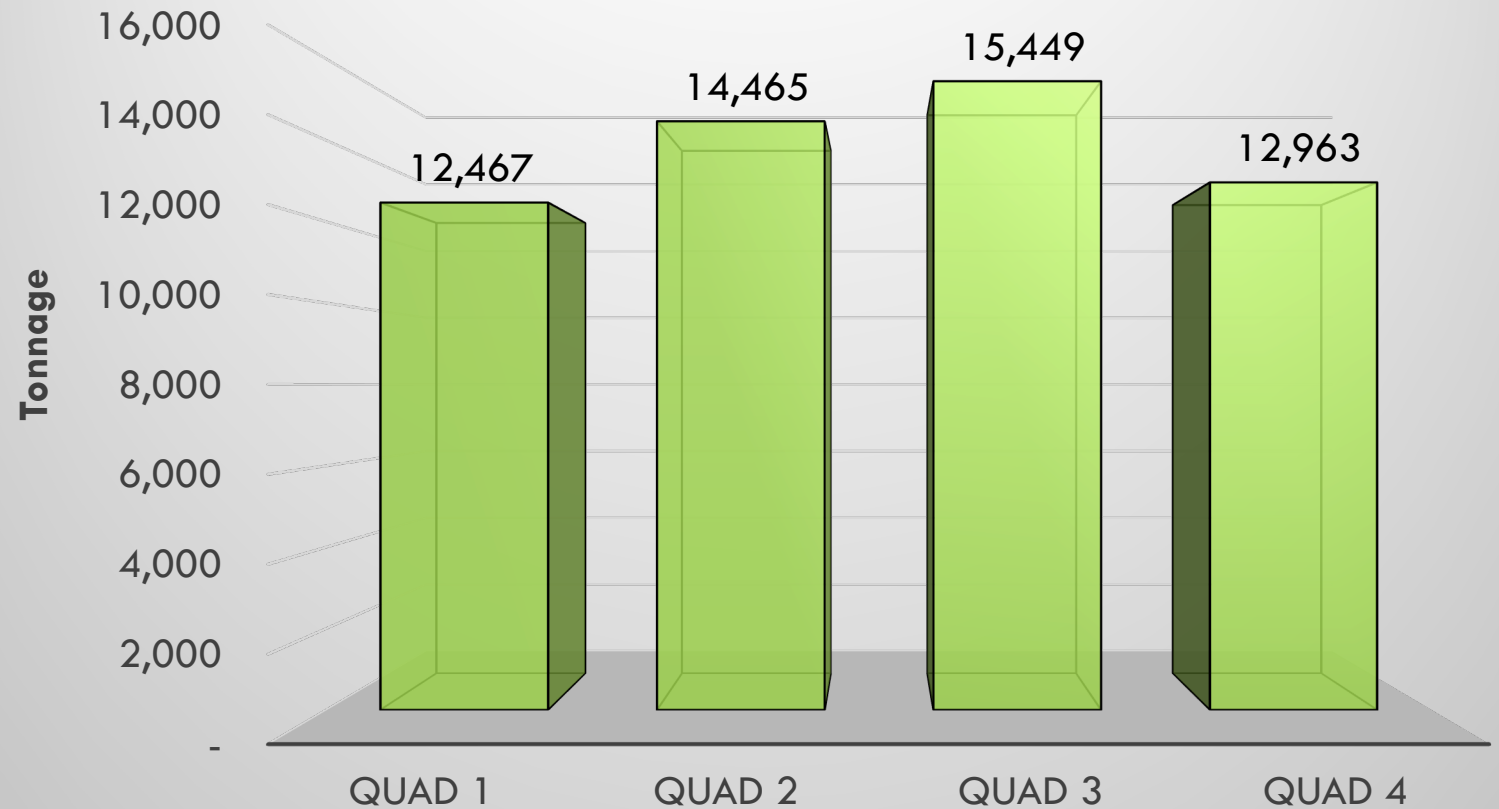
CURBSIDE BRUSH COLLECTION UPWARD TREND

Curbside Tonnage FY 2016-2017 thru FY2020-2021 Upward Trend Over 5-Years



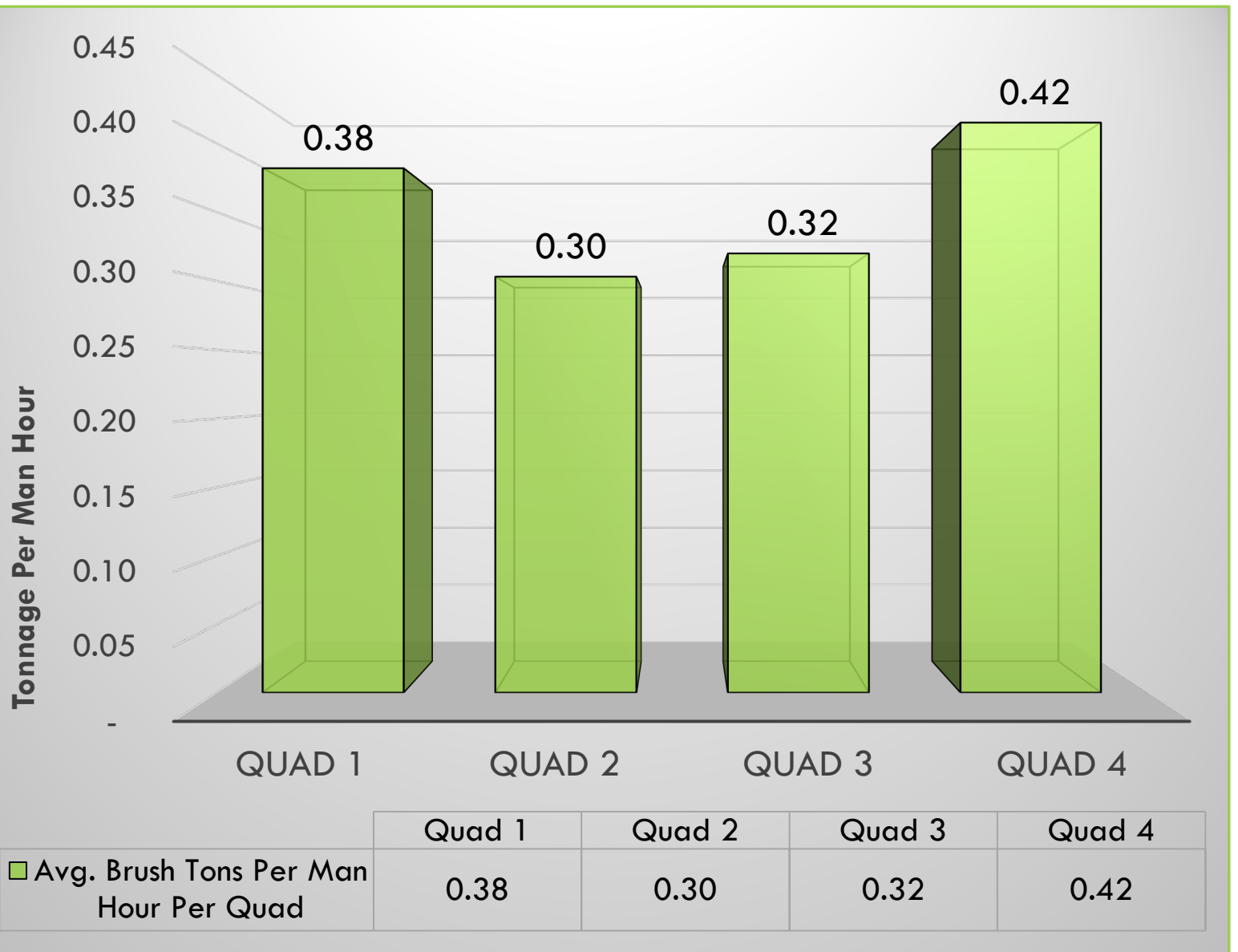
AVERAGE MAN HOURS PER QUADRANT

Curbside Average Man Hours Over (3-Years) Per Quadrant



	Quad 1	Quad 2	Quad 3	Quad 4
■ Average Man Hours Per Quad	12,467	14,465	15,449	12,963

CURBSIDE AVERAGE BRUSH TONS PER MAN HOUR PER QUADRANT





POTENTIAL SOLUTIONS/ OPTIONS FOR IDEAL SERVICE

Improve

Improve vehicle replacement schedule to minimize lost time for mechanical repairs.

Increase

Increase the number of employees (Sr. Equipment Operators, Vehicle Operators, and/or Laborers (temps)).

Cease

Cease brush collection from November – January. During leaf collection, brush crews are reduced to 3 crews.

SUMMARY

- Analysis for this data was based on FY 2018-2019 because brush tonnage was the highest due to storm debris, therefore we will use this fiscal year as our benchmark.
- The ideal number of days to complete a brush cycle throughout all (4) quadrants of the City is (21) days, but in FY 2018-2019 it took (32.5) days to complete a cycle due to storm debris which is (11.5) days above our goal.
- Sanitation's goal is to enhance the level of service by decreasing the number of days that it takes to complete a round of brush collection by (11.5) days from the highest benchmark of (32.5) days.

QUESTIONS

