



# TECHNOLOGY UPDATE

**Presented to the Board of Education**

**Cheryl VanNoy, Deputy Superintendent, Accountability, Assessment, Technology Services, and Students Records**

*January 12, 2021*



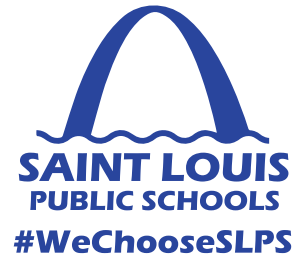
# HARDWARE INVENTORY



- ❑ 8,000 were purchased prior to Covid-19 closure
  - ❑ PreK – 8<sup>th</sup> grade 1:1
  - ❑ This supplemented the previous 13,000 already on hand
- ❑ 6,000 laptops purchased due to recommendation from Restart Committee
  - ❑ 9<sup>th</sup> – 12<sup>th</sup> grade 1:1
- ❑ 6,000 hot spots for students who do not have internet access
- ❑ 2 in 1 Laptop – refresh of Teacher laptops from 2015

\*In all cases, inventory is not a concern for the District

# SPRING 2019 TO SPRING 2020



**What  
has  
been  
done?**

- Distributed over 32,000 pieces of equipment

# CURRENT STATUS



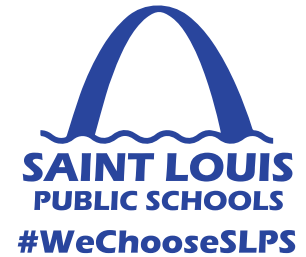
- 92% of our students have a District device
  - 5% have opted out
  - 3% of current have not returned their previous equipment
  - 2% of the students have broken equipment
- 36% of our students also have a hot spot

# NETWORK MODIFICATIONS



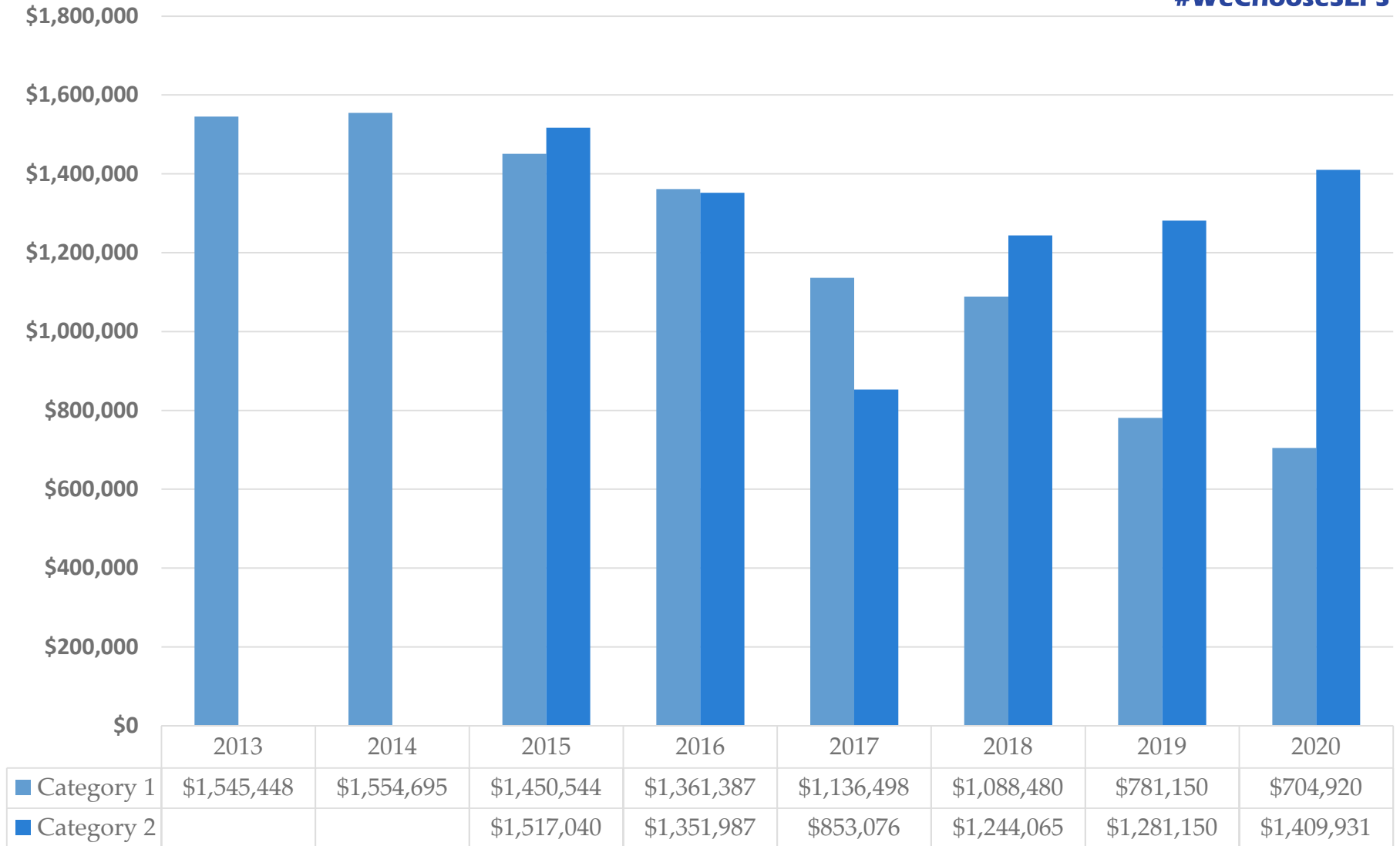
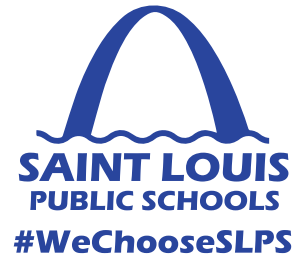
- ❑ Due to Covid-19 we:
  - ❑ Replaced our firewall to the latest model
  - ❑ Previous equipment was 8 years old
  - ❑ Product allows for blocking websites that are not educational appropriate
  - ❑ Is a requirement due to our involvement in E-Rate
    - ❑ Child Internet Protection ACT (CIPA)
  - ❑ Doubled our internet speed from the District to the world wide web
    - ❑ Increased the licenses on our Edge router that connects our equipment in the core network to the outside world
    - ❑ Caused latency issues in some peak times throughout the day

# FEDERAL E-RATE

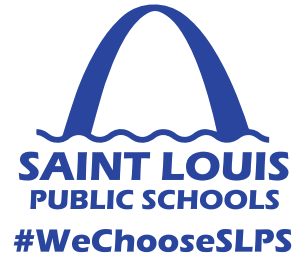


- ❑ Federal Project that funds:
  - ❑ Internet connection to the world (Category 1)
  - ❑ Internet connection from building to building (Category 1)
  - ❑ Maintenance on equipment (Category 2)
  - ❑ Cabling for data & phones (Category 2)
- ❑ No longer funds:
  - ❑ Phone lines (landlines)
  - ❑ Cell phone lines
  - ❑ Phone system
- ❑ If approved, District pays 10% of total costs for Category 1
- ❑ If approved, a set budget of \$50 per student for 5 years

# HISTORICAL FUNDING



# CURRENT RFPS



- ❑ Maintenance on network
- ❑ Cabling (both new projects and repair)
- ❑ WiFi upgrade
  
- ❑ All are E-Rate projects
  - ❑ Will submit for approval by Board of Education in time for March 25<sup>th</sup> deadline
  - ❑ Will wait for approval from Federal government



# QUESTIONS?