Below Screen shot is the total number of successes per launch site

Graphical user interface, chart, pie chart

Description automatically generated

Below is the pie chart for CCAFS LC-40

Graphical user interface, application

Description automatically generated

Below is the pie chart for VAFB SLC-4E

Graphical user interface

Description automatically generated

Below if the pie chart for KSC

Graphical user interface, application, email

Description automatically generated

Below is the pie char to CCAFS SLC-40

Graphical user interface

Description automatically generated with medium confidence

Correlation between booster Version category, payload and success for all sitesA screenshot of a computer

Description automatically generated

Conclusion from above:

Booster Version Categories: V1.0, v1.1, FT, B4 and B5

Only one successes out of 10 tries for Payload Mass above 5000 regardless of Booster Version Category

There was only 1 success out of 10+ for Booster version Category v1.1

Booster Version Category FT had 12 successes and 5 failures for payload between 2K and 6K

Appears to be only one Booster Version Category B5 launch – it was ~3.5kg and was successful

B4 – appears to be 6 successes and 5 failures – most failures were above 5kg; only 1 success was over 5kg; only one failure appeared below 5kg

Appears to be only 2 v1.0 launches – both under 1 kg and both failures

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Looking at payload vs. Success for different sites and Booster Version Categories

CCAFS LC-40

Graphical user interface, application

Description automatically generated

3 V1.0 under 1000kg all failed

6 FT between 2000 Kg and 5000 Kg succeeded, 1 ~ 3.5kg failed; 1 above 5000 Kg failed

12 V1.1 failed (all under 5000 Kg), 1 succeeded at slightly less than 2000 kg.

VAFB SLC-4E

Graphical user interface, application, table, Excel

Description automatically generated

Vandy had 7 launches all together – all failed across payload mass except one booster version B4 at > 9000 Kg and 1 FT at <1000 Kg.

KSC LC-39A

Graphical user interface, application, table, Excel

Description automatically generated

Booster Version FT: 9 launches, 6 successful between ~2500 KG and ~5500 KG, 3 unsuccessful were above 5500 KG

Also had 3 Booster Version B4, all successful, 2 around 3500 Kg, 1 at ~5000 Kg

Also had 1 Booster Version B5, successful at ~3500 Kg

CCAFS SLC-40Graphical user interface, application, Excel

Description automatically generated

7 launches all together

5 booster version B4, 2 successful (1 less than 500 kg, 1 ~3700 Kg), 3 unsuccessful (~2600 Kg to ~ 6000 kg)

2 booster version FT, 1 successful (~2200 Kg), 1 unsuccessful (~4200)