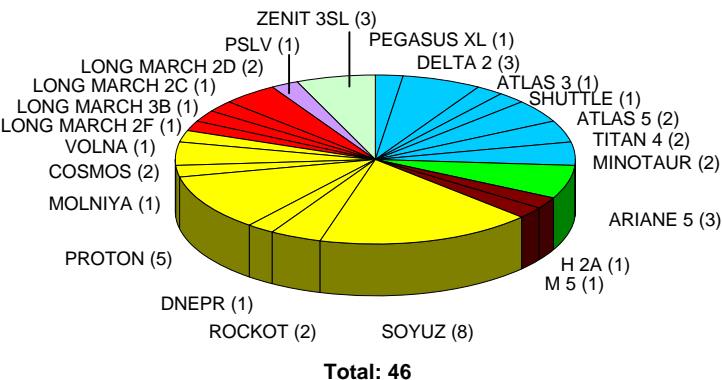


Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
October 19 – November 30			19 VAFB NRO T5 (L-20) (Military) Titan 4B	20	21	22
			23	24	25	26
30	31	1	2	3	4	5 Sea Launch Inmarsat-4 F2 (Comm.) Zenit 3SL
6	7	8	9 Baikonur Venus Express (Science) Soyuz	10 Kourou Spaceway 2 and Telkom 2 (Communications) Ariane 5G	11	12
13	14	15	16	17	18	19
20 Barents Sea Kompass 2 (Scientific) Shtil	21	22	23	24	25	26
27	28	29	30	11/X CCAFS GOES N (Meteorology) Delta 4 Medium+	11/X VAFB Cloudsat and Calipso (Science) Delta 2 7420	11/X VAFB NRO L-22 (Intelligence) Delta 4 Medium

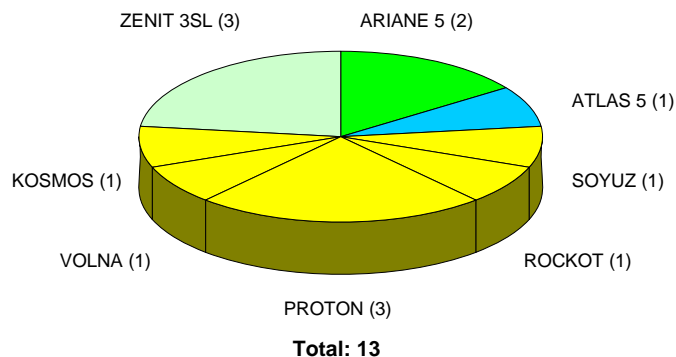
Legend: ■ USA ■ Russia ■ Japan ■ Europe ■ China ■ India ■ Multinational

Success Failure Partial Failure Commercial

2005 Orbital Launches by Launch Vehicle Family



2005 Orbital Commercial Launches by Launch Vehicle Family



The definition of a "commercial" launch is any launch opportunity considered available in principle to competitors in the international launch services market or any launch licensed by the FAA Office of Commercial Space Transportation.

This document currently does not include suborbital launches.

For more information contact:

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