

The information for a request for a reduced survey sample size is below:

In addition to the survey plan, the certificate holder should submit a request to use a smaller sample size as per AC 120-27F (3.3.3). That request is sent to the FSDO/CMO and should contain at least the following:

For Passenger Weight and Passenger Baggage Reduction Requests:

- How many flights the carrier / operator conducts a year, or plans to conduct in the next year.
- What is the average number of passengers carried per flight or forecast to carry in the next year.
- Average number of seats available per flight.
- Type of passengers carried (e.g. business, leisure, prisoners, sports teams.)
- Average number of bags carried, by category of bag, on board and/or loaded into a cargo compartment in or on the aircraft. (Annual or Per Flight, specify which)
- Explanation of why they can't achieve the 2700 minimum sample size for passengers and/or the 1400 minimum sample size for baggage, as applicable, as described in AC 120-27F.

For Flight Crewmembers and Other Crewmembers:

Provide data as applicable to the group that the certificate holder requests a reduced sample size.

- Total number of Flight Crewmembers.
- Total number of Other Crewmembers.
- Average number of bags, by category of bag, carried on board and/or loaded into a cargo compartment in or on the aircraft.
- Explanation of why they can't achieve the 2700 minimum sample size for Flight Crewmembers or Crewmembers, and/or the 1400 minimum sample size for baggage, as applicable, as described in AC 120-27F.

AFS-220 receives the request from the FSDO or CMO to review and includes AFS-900 ORA to review the statistical data/proposal. There is no minimal or base number for a sample size because it differs based on the specific operation and the amount of flights, passengers and baggage carried. With sufficient supporting information/data from the operator, an initial survey-derived weight can be established. This may require a more frequent expiration date and conducting surveys more frequently until a satisfactory confidence level can be established for those survey-derived weights.

These are baseline questions. Based on the information that is received, there may be additional questions from the assigned ORA.

CDC/NHanes Fast Weight Values: <https://www.cdc.gov/nchs/fastats/body-measurements.htm>