

Newborn Screening Tip of the Month

It is Time to Tackle the Trend of 2025
Data Includes All Collectors

**53,316 bloodspot specimens were submitted in 2025.
1,246 of those were unsatisfactory for testing.
2.34% unsatisfactory rate for the year, goal is <2.0%**



For the 1,246 unsatisfactory screens, the NBS Follow-Up team worked diligently to communicate with families and providers the importance of recollecting the NBS bloodspot sample.

Unsatisfactory Screens in 2025 – Outcomes to Date

1,141 babies had unsatisfactory screens, some had more than one.

985 babies had repeat screens yielding normal results.

24 babies remain pending, two are with specialists.

120 babies did not have screens recollected, with bloodspot cases closed Unsatisfactory >>> Lost.

5 babies were diagnosed with disorders – TSH (2), SMA, POMPE and ASA.

5 babies were not recollected due to parent refusal.

2 babies passed away prior to recollection.

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What can collectors do right now to improve our Oklahoma bloodspot quality? (TWO things!)

- 1. Commit now to have two sets of eyes on every bloodspot before packaging for courier/sending out. If the quality is not up to standard, recollect immediately. If not able to recollect immediately, send in what you have collected.**
 - a. Are your bloodspots very close to the same size as the printed circles?
 - b. Are your spots overlapping? One large drop of blood per circle, no multiple applications in one circle.
 - c. Are you using a syringe and oversaturating your spots? There should be no clotting or layering visible as the bloodspot dries.

- 2. Have everyone involved with collection, regardless of experience, complete the NBS training annually. The training can be accessed at the link below. New hires in 2025 should do this now.**

https://ouhsc.qualtrics.com/jfe/form/SV_3IPdDkuZsxysTOV

Password for Access: OSDHNBS

** Managers, this video site is managed by OPQIC, feedback is available regarding views.