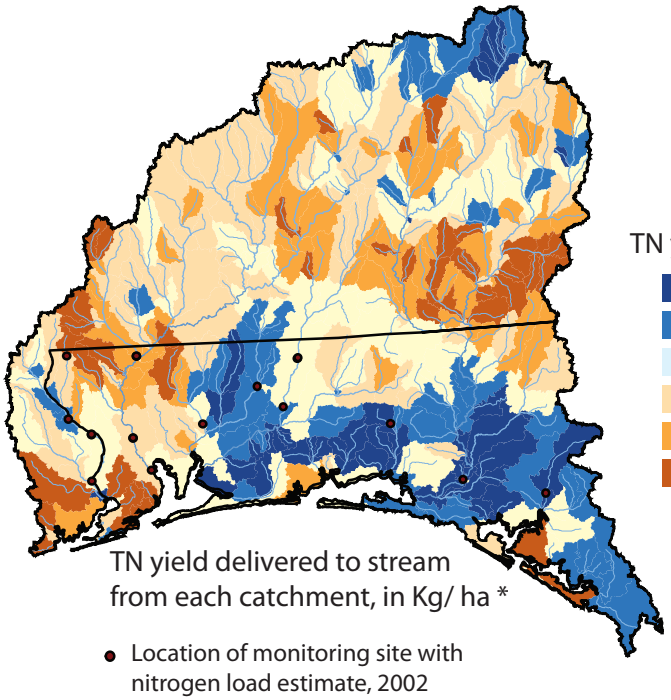
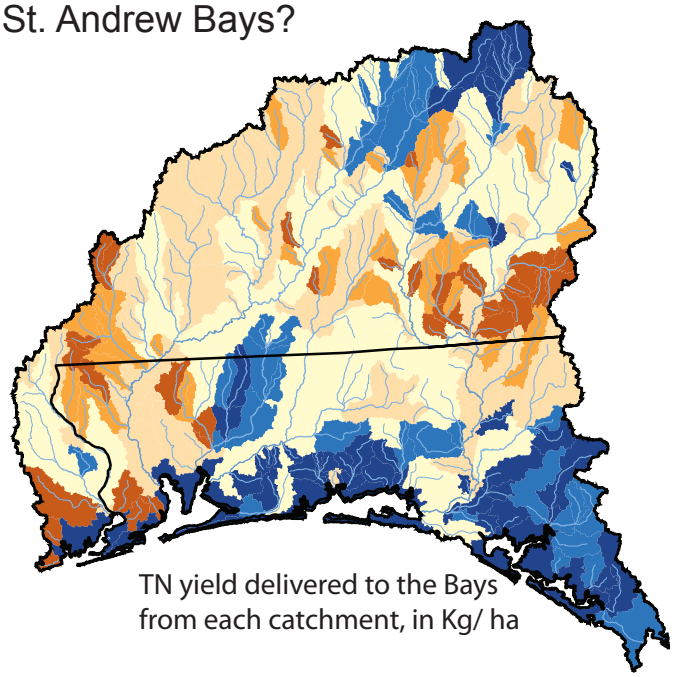
SPARROW Model Estimates of Nitrogen Delivered to Streams and Coastal Areas in the Pensacola, Perdido, Choctawhatchee, and St. Andrew Bays

Which areas contribute the largest amounts of total nitrogen annually:

to local streams?



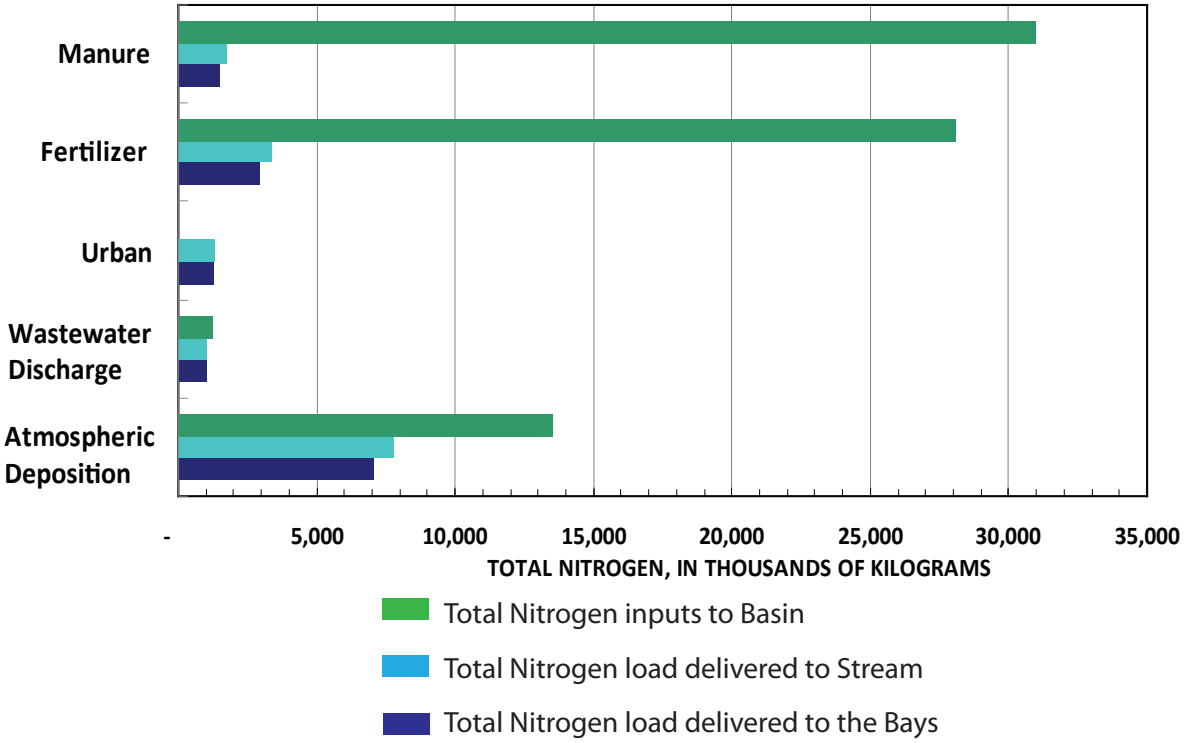
to the Pensacola, Perdido, Choctawhatchee, and St. Andrew Bays?



TN yield, in Kg/ ha

- 0 - 1.9
- 1.91 - 2.3
- 2.31 - 3.2
- 3.21 - 4.4
- 4.41 - 5.8
- 5.81 +

What sources contribute the largest amounts of total nitrogen annually to the Pensacola, Perdido, Choctawhatchee, and St. Andrew Bays?



(Note: Atmospheric Deposition is reported as Inorganic Nitrogen, Atmospheric Deposition and Wastewater Discharge estimates include inputs to stream and shoreline reaches, not direct inputs to the Bays)

Source: Hoos, A.B. and McMahon, G, 2009, Hydrological Processes, doi:10.1002/hyp.7323 http://tn.water.usgs.gov/pubs/ja/ABH/