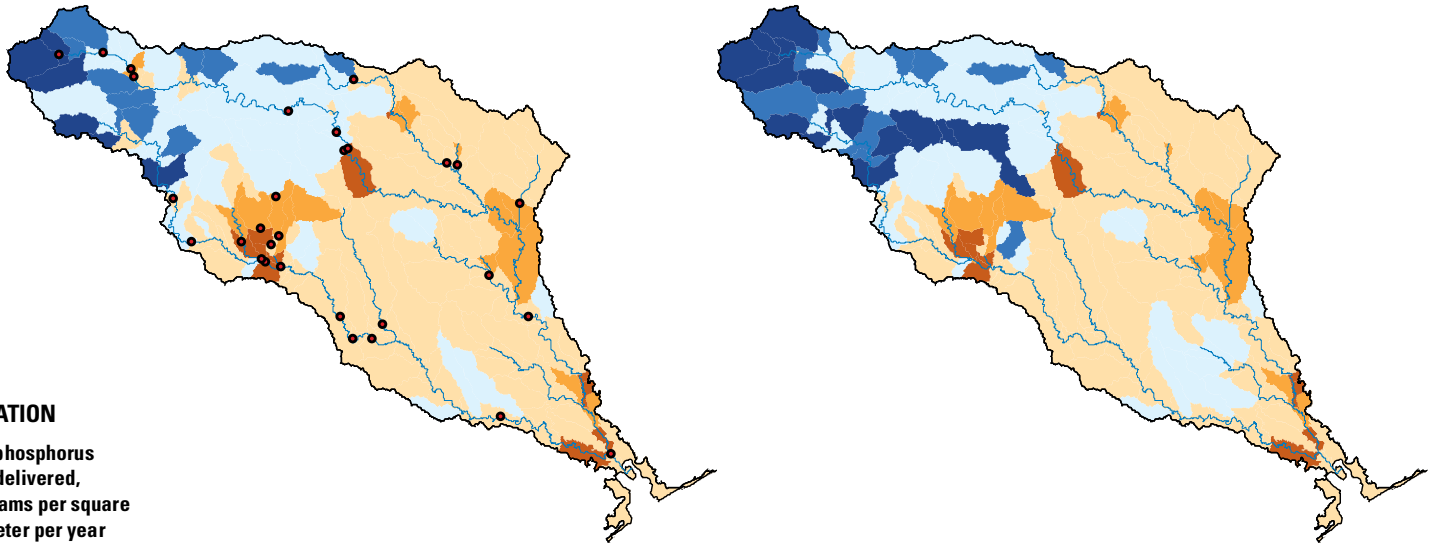
SPARROW Model Estimates of Phosphorus Delivered to Streams and to Coastal Areas of the San Antonio and Guadalupe Rivers Watershed

Which areas contribute the largest amounts of total phosphorus annually:

(a) to local streams?

(b) to coastal areas?

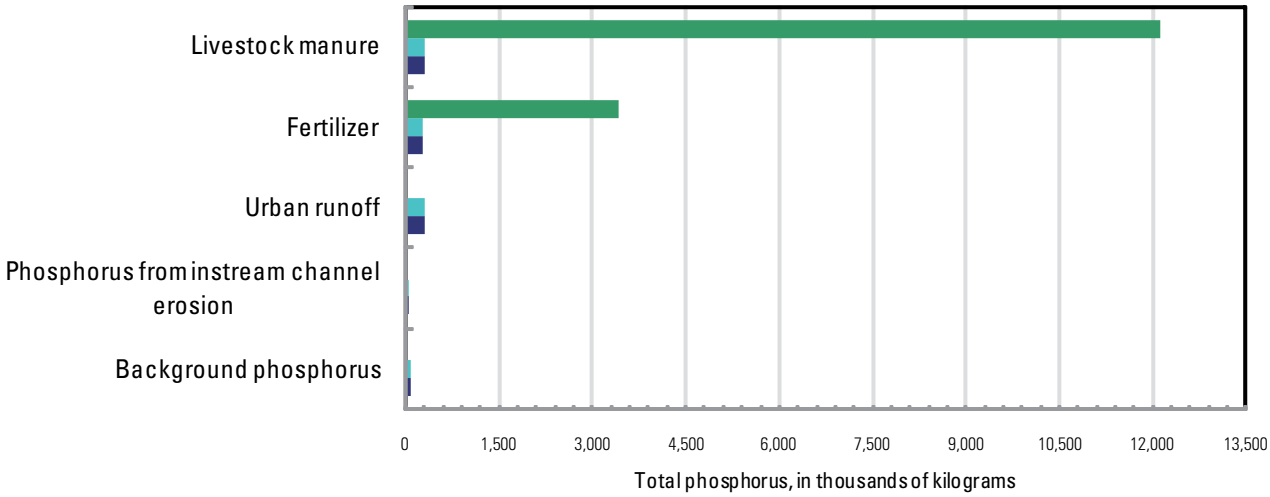


EXPLANATION

Total phosphorus yield delivered, kilograms per square kilometer per year

- < 2
- 2.01 to 5
- 5.01 to 20
- 20.01 to 100
- 100.01 to 200
- > 200
- **Monitoring site**

What sources contribute the largest amounts of total phosphorus annually to the San Antonio and Guadalupe Rivers watershed?



EXPLANATION

- **Total phosphorus inputs to basin**
- **Total phosphorus load delivered to streams**
- **Total phosphorus load delivered to bays and estuaries**

Rebich, R. A., Houston, N. A., Mize, S. V., Pearson, D. K., Ging, P. B. and Hornig, C. E. (2011), Sources and Delivery of Nutrients to the Northwestern Gulf of Mexico from Streams in the South-Central United States. Journal of the American Water Resources Association, 47: 1061–1086. doi: 10.1111/j.1752-1688.2011.00583.x