

Air Sample Project

By: Maura Mall, Peter Kern, Rafael V.C,
Sam Gessner, and Alyssa Doering

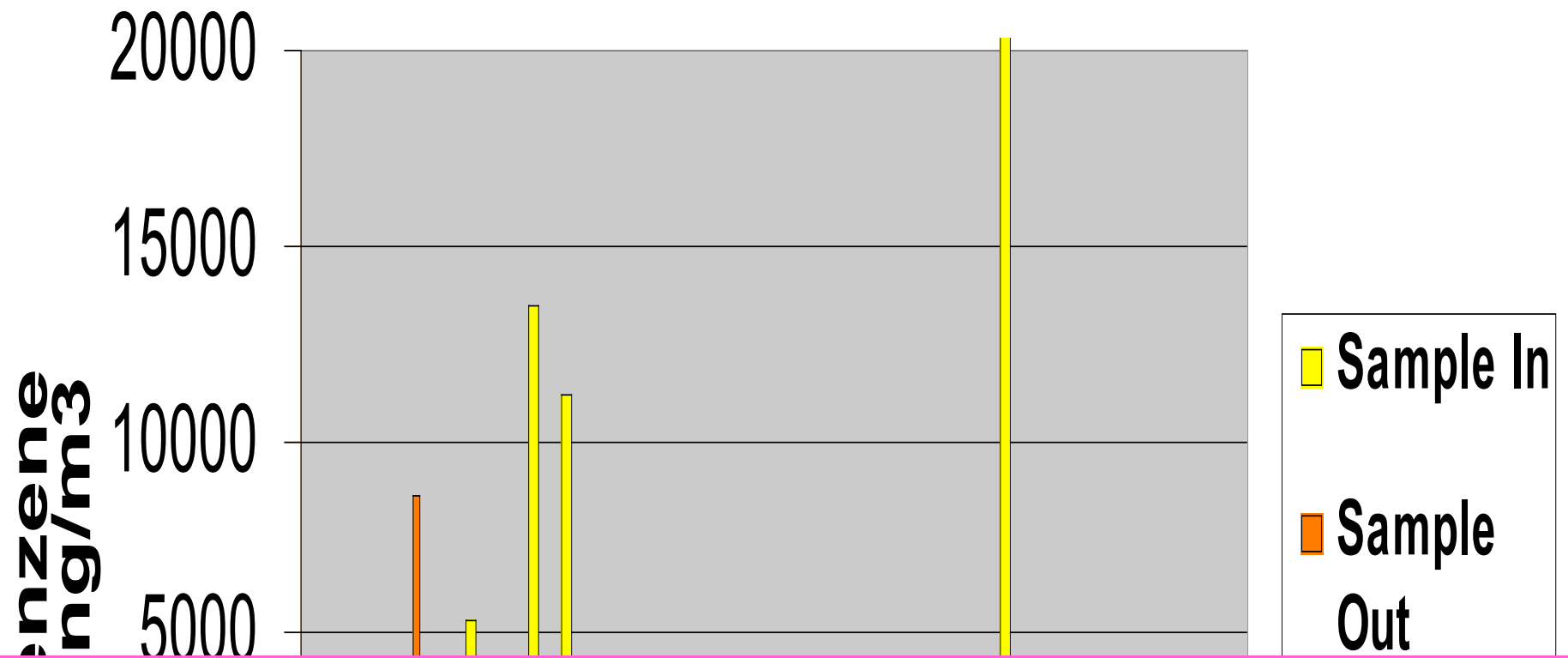
Question

- Which has lower levels of benzene, inside or outside?
- What sources make this difference?

Hypothesis

- The hypothesis predicts that the levels of benzene are higher inside than out. This is due to the polluted air trapped in houses.

Results



Conclusion

- It is evident the levels of Benzene are significantly higher inside the house.
- We presume the higher levels of benzene inside are due to lack of air circulation.
- Paints, varnishes, and wax all contain organic solvents, as do many cleaning, disinfecting, cosmetic, degreasing, and hobby products. All of these products can release benzene when used and/or stored.

Solution

To decrease levels of benzene:

- Increase air circulation by opening windows.
- Minimize indoor use of harmful solvents.
- Consider cleaner burning heat sources.