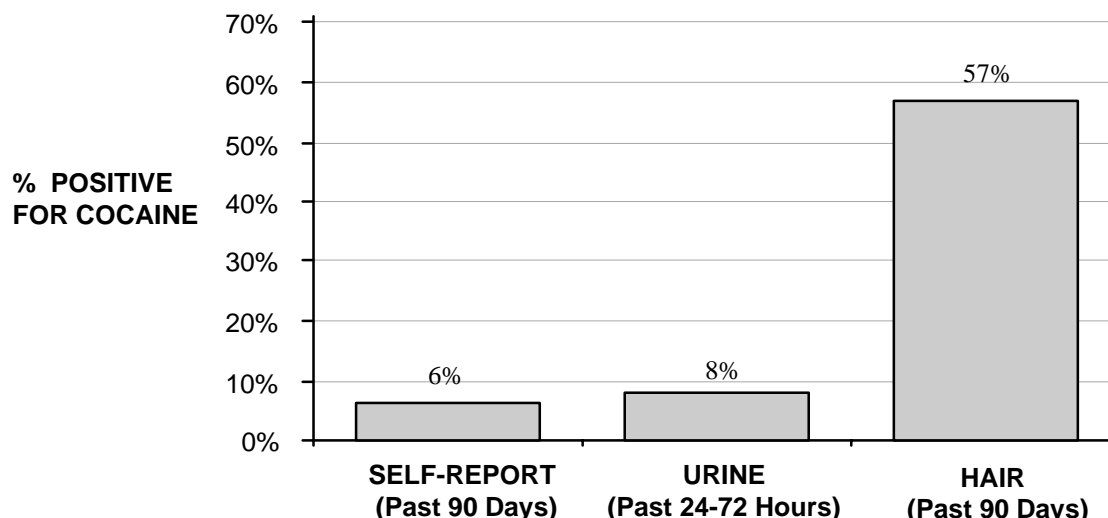


Hair Tests Detect 7 Times More Drug Users Than Urine Tests
(N = 88 Male Juvenile Arrestees/Detainees in Cleveland)

As an experiment, the Cleveland Drug Use Forecasting (DUF) Program site collected hair samples, in addition to the standard interviews and urine samples, from 88 juvenile arrestees/detainees in Cleveland. The results show that hair tests detected 7 times more juvenile drug users than the urine tests and 9 times more drug users than self-reports. The hair tests, which are sensitive to drug use in the 90 days prior to the test, were probably able to detect the youths' intermittent use of cocaine, which the urine tests missed.

**Estimates of Recent Cocaine Use Among Male Juvenile Arrestees/Detainees in Cleveland,
By Self-Report, Urinalysis, and Hair Analysis**
(N = 88 males tested by 3 methods)



SOURCE: Adapted by CESAR from T.E. Feucht, R.C. Stephens, and M.L. Walker (1994). "Drug Use Among Juvenile Arrestees: A Comparison of Self-Report, Urinalysis, and Hair Assay," *The Journal of Drug Issues* 24(1):99-116.

**CESAR SPEAKER SERIES PRESENTS MR. JAY CARVER,
Director of D.C. Pretrial Services, on "The New D.C. Drug Court Experiment"**

The lecture will be held at 3:00 pm on May 24, 1994, in the Atrium of the Stamp Student Union at the University of Maryland at College Park.

For more information about today's topic or to be placed on the distribution list, please call CESAR at 301-403-8329.

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