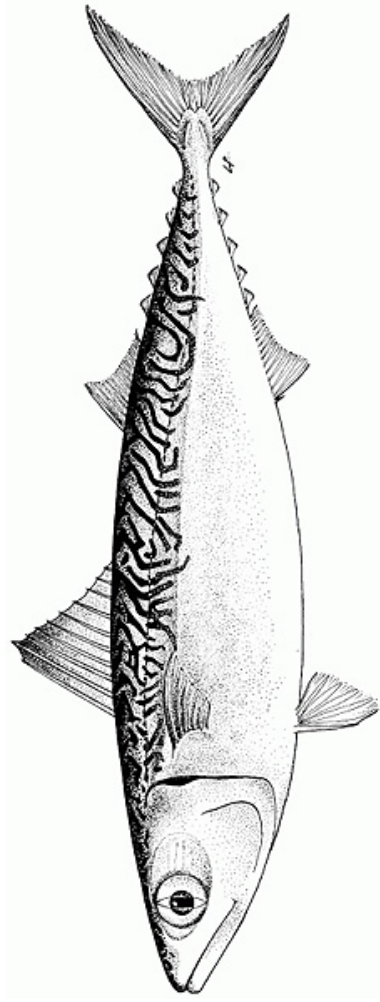


ASSESSMENT OF THE PACIFIC MACKEREL (*Scomber japonicus*) STOCK FOR U.S. MANAGEMENT IN THE 2005-2006 SEASON

Kevin T. Hill and Paul R. Crone



Fisheries Resources Division
NOAA Fisheries
Southwest Fisheries Science Center
8604 La Jolla Shores Drive
La Jolla, CA 92037



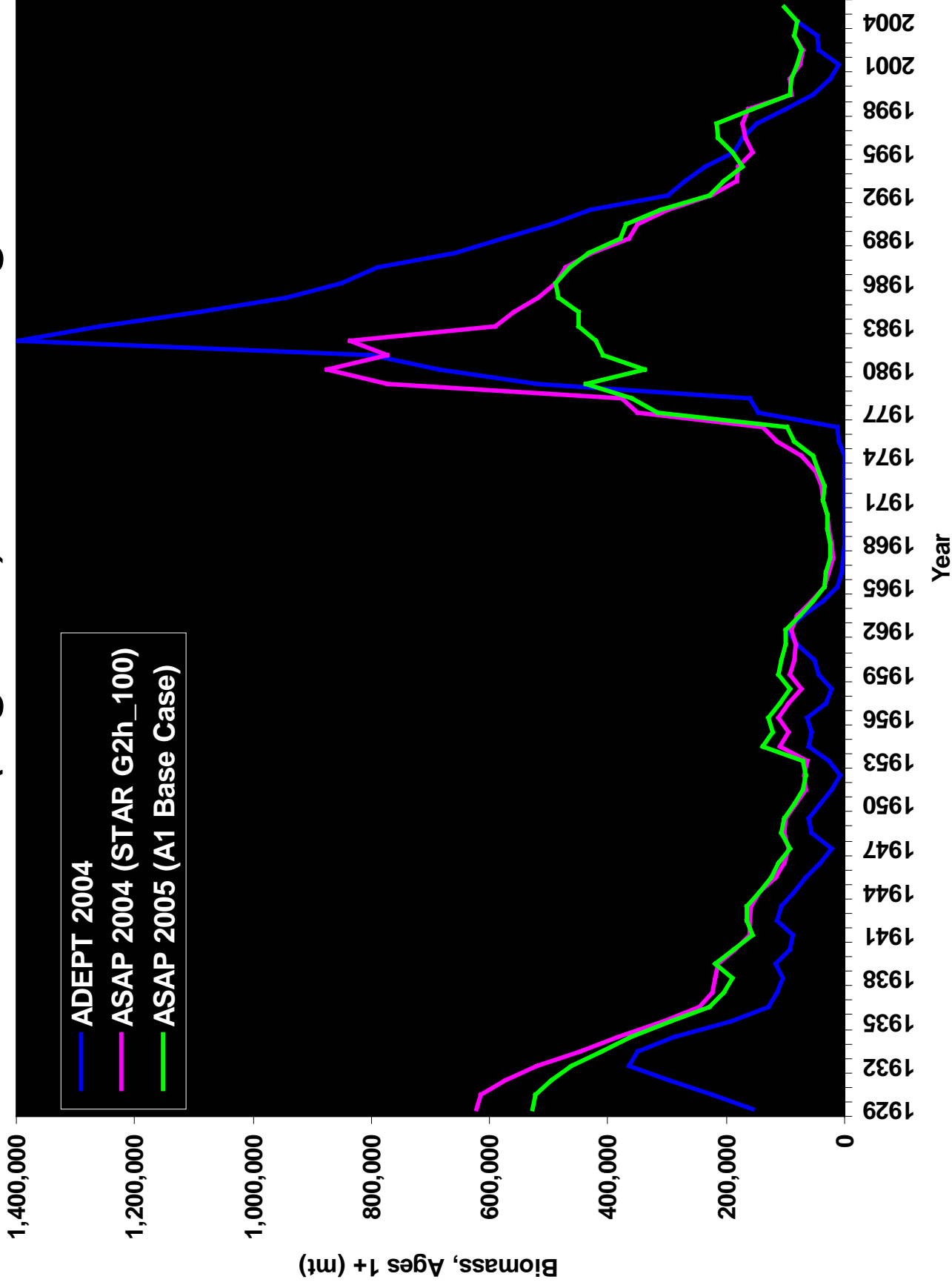
CPS STAR (June 2004) Recommendations:

- ASAP model endorsed for Pacific mackerel;
- Discontinue impingement and triennial indices;
- Combine SoCal & NoCal CPFV indices

Progress since the STAR Panel:

- All fisheries data updated & recompiled
 - Biological year of July-June;
- New CPFV data; GLM updated;
- New CalCOFI data; prop+ index updated;
- Sensitivity analyses for survey selectivities

Total Biomass (Age 1+) for Management



Harvest Guideline for 2005-06:

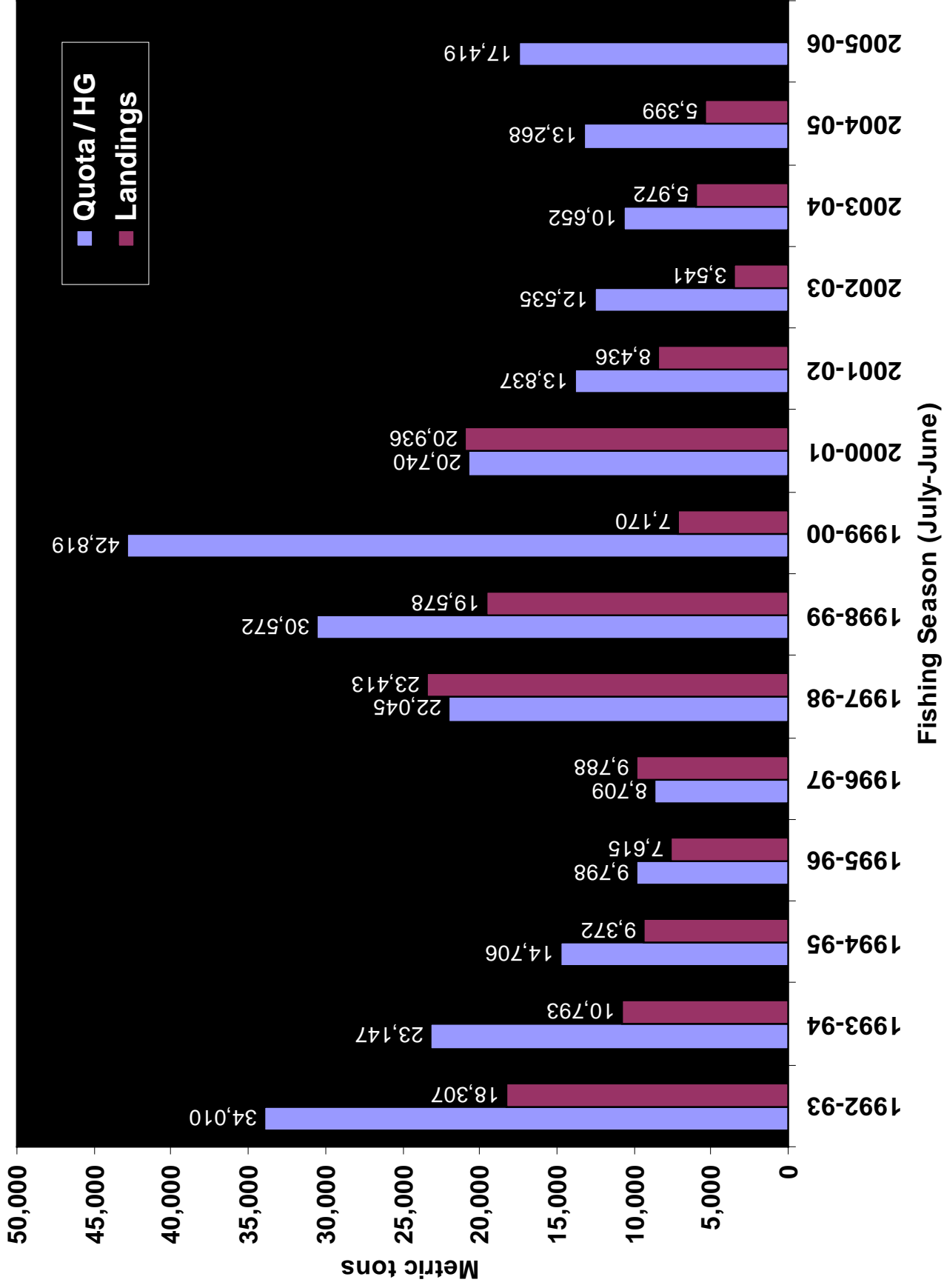
$HG = (\text{Biomass}_{\text{July 1, 2005}} - \text{Cutoff}) * \text{Fraction} * \text{Distribution}$

$= (101,147 \text{ mt} - 18,200 \text{ mt}) * 0.30 * 0.70$

$= 17,419 \text{ mt}$



Quotas / HGs and Landings



Retrospective HGs

