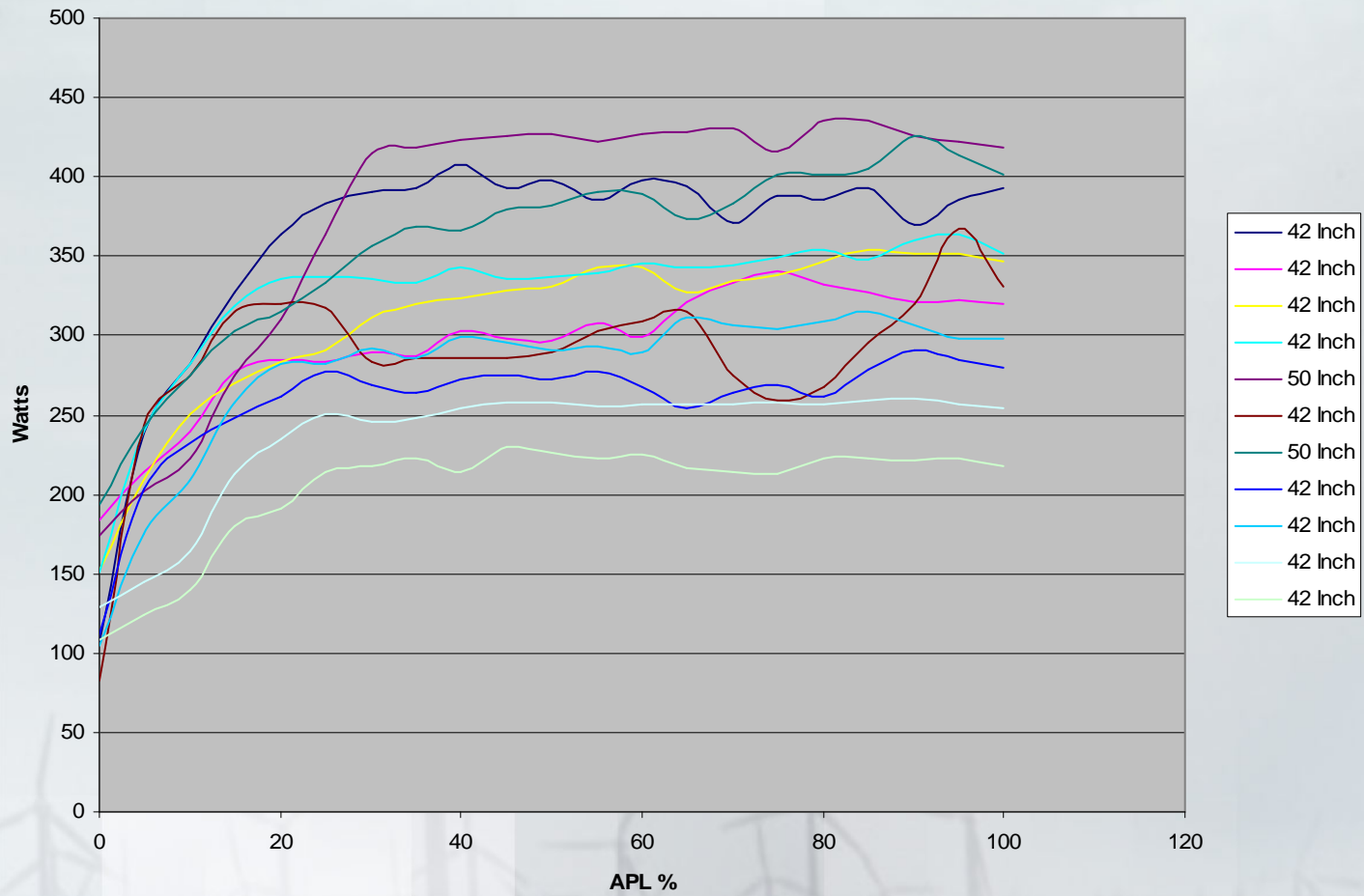




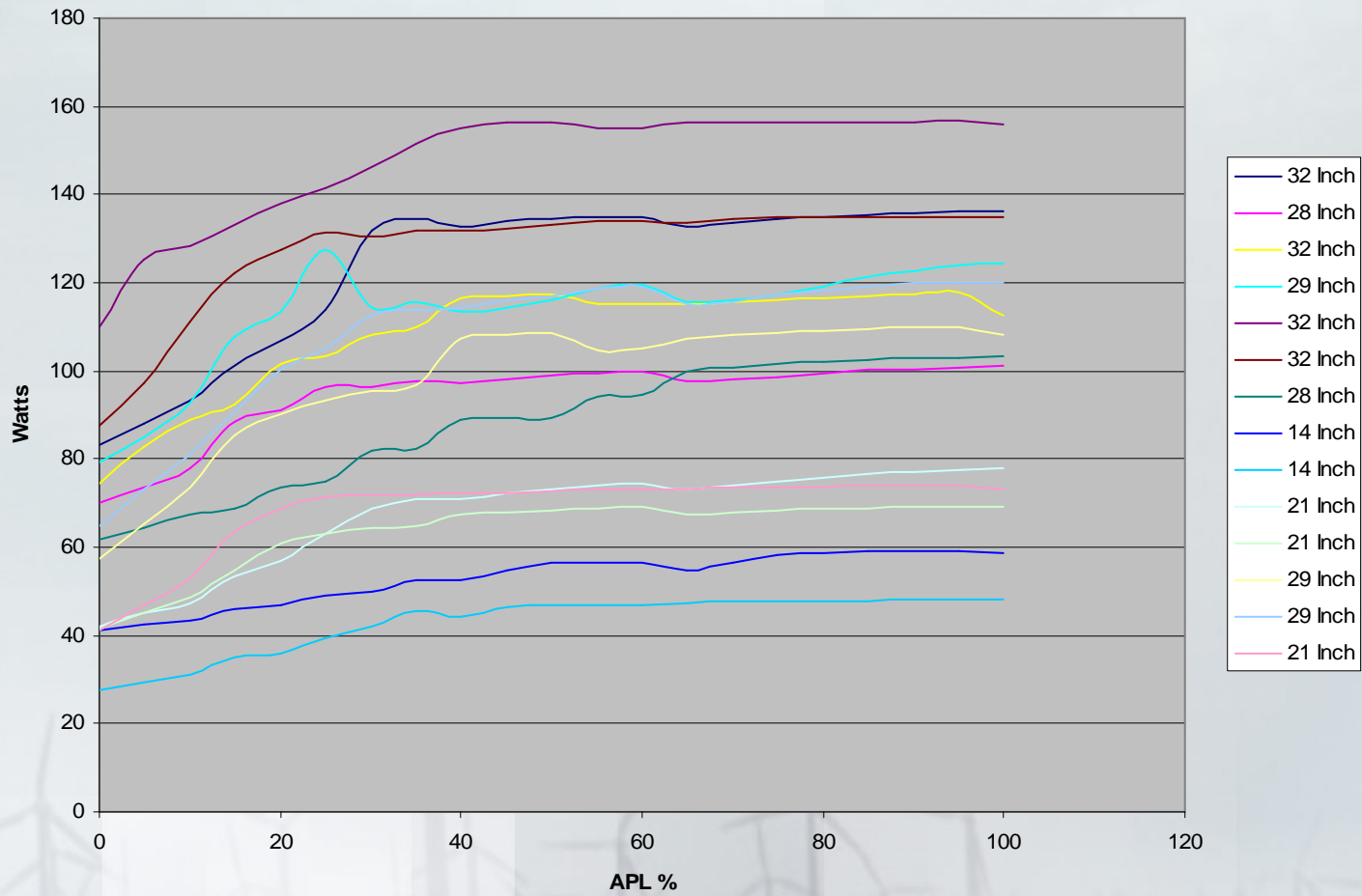
# **EPA TV Workshop**

**Keith Jones**

### PDP Power Consumption Profiles



### CRT Power Consumption Profiles

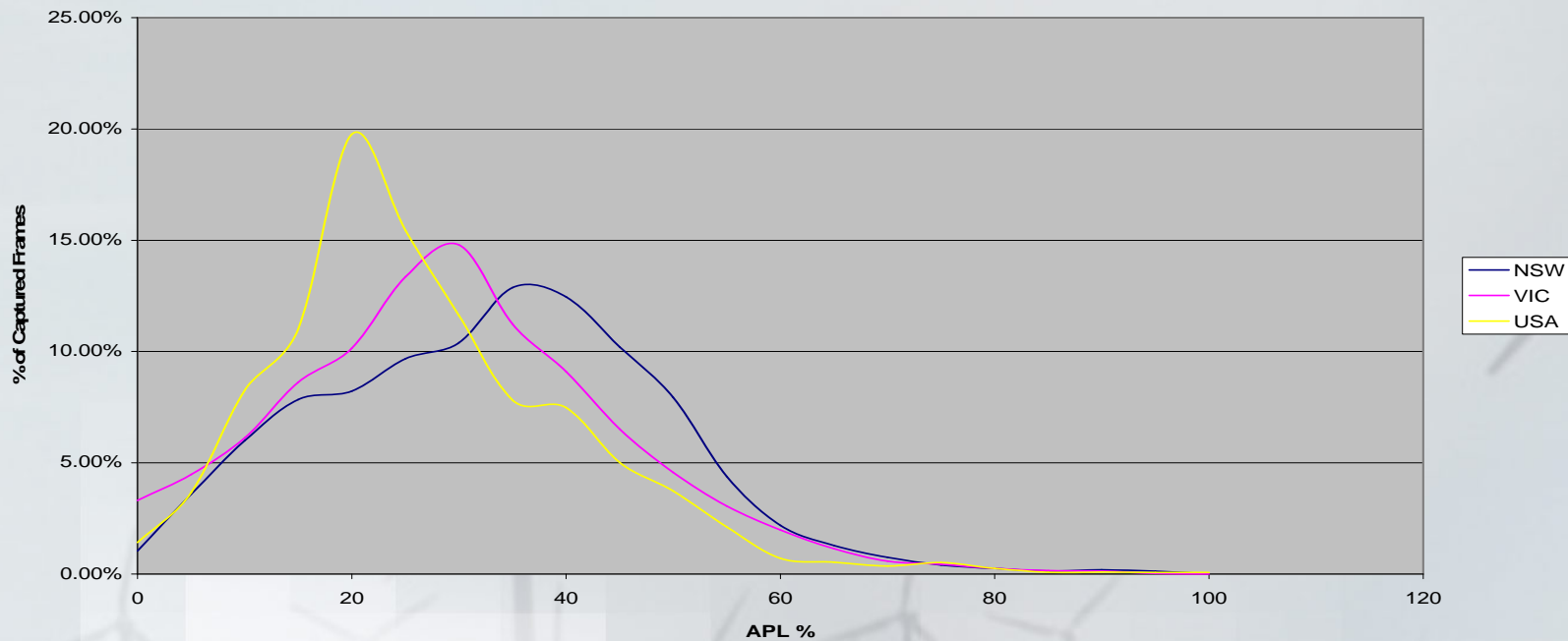


# APL Sampling Results Slide 2

Jan 06  
Unit %

- Number of Samples taken 115

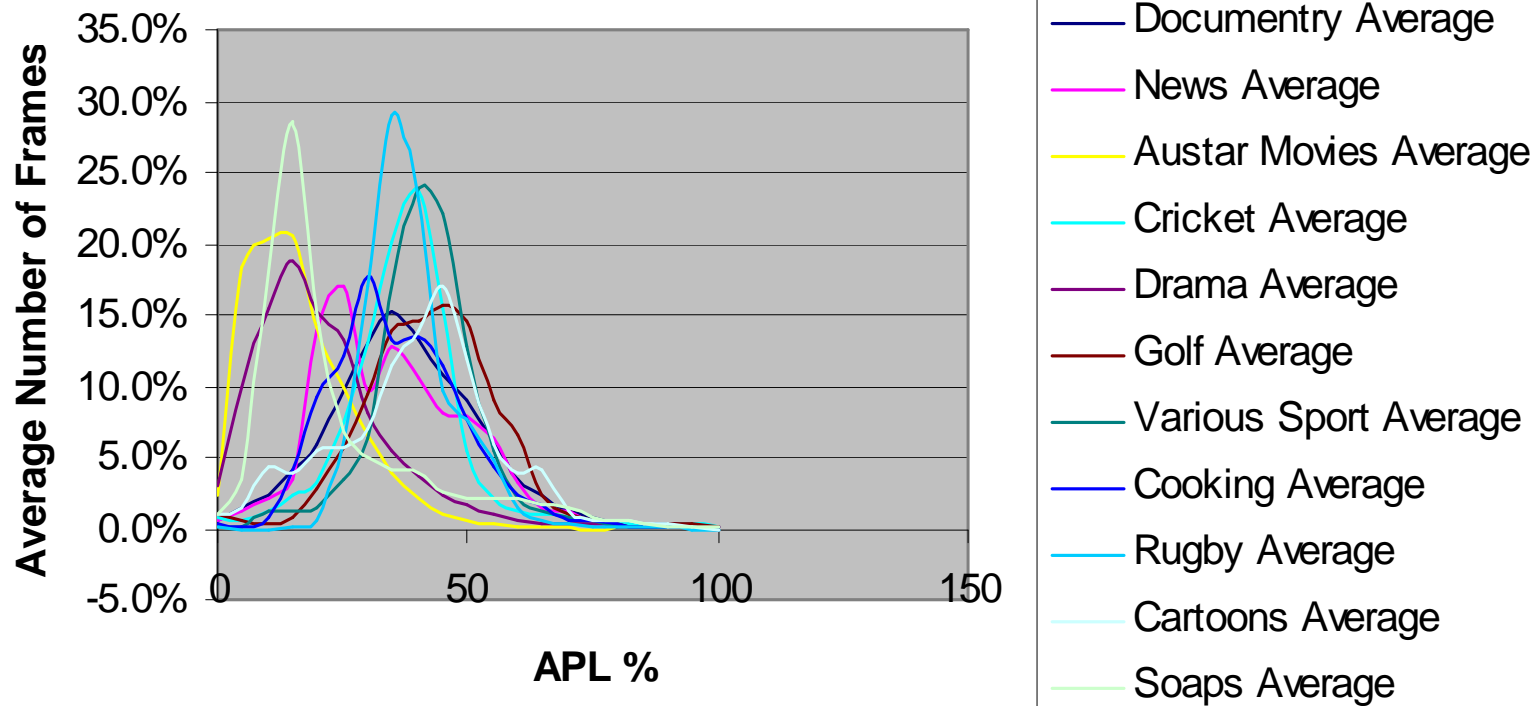
APL Sample Set Comparison



# APL Sampling Results Slide 3

Unit %

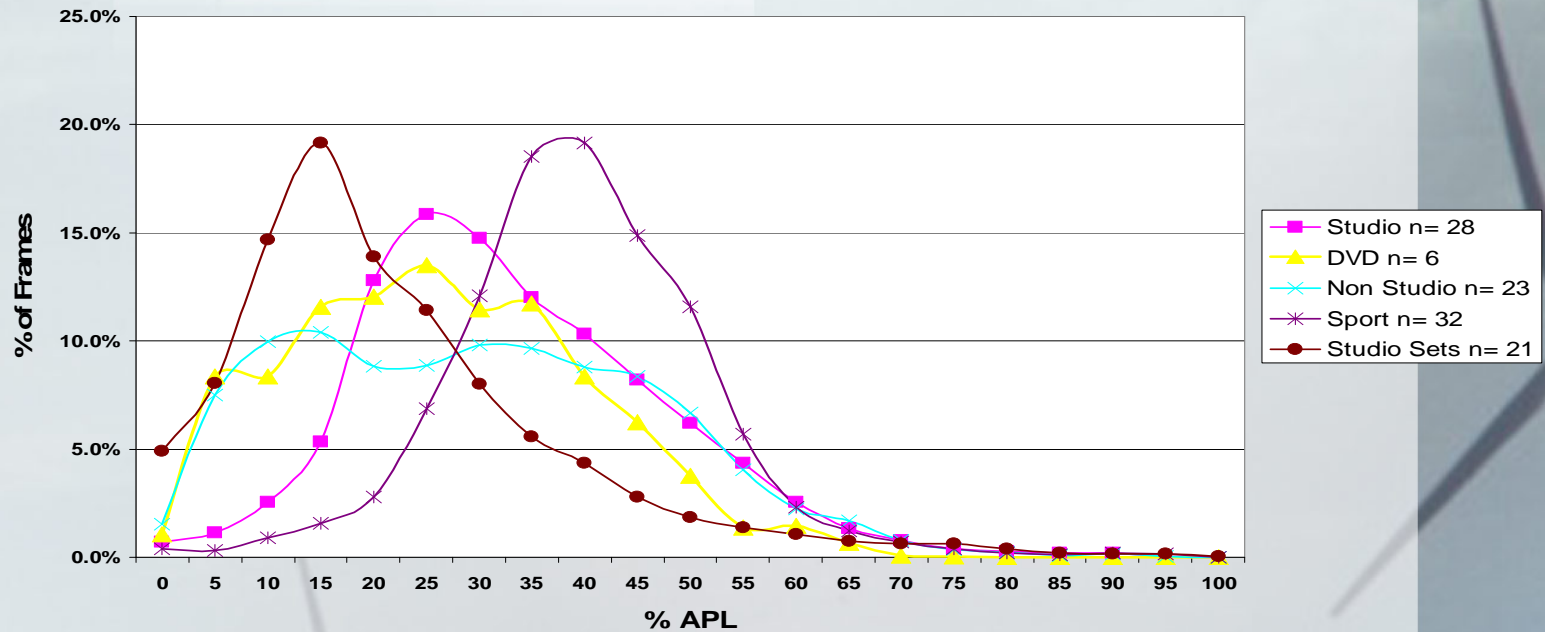
## Average APL by Category



# APL Sampling Results Slide 4

Unit %

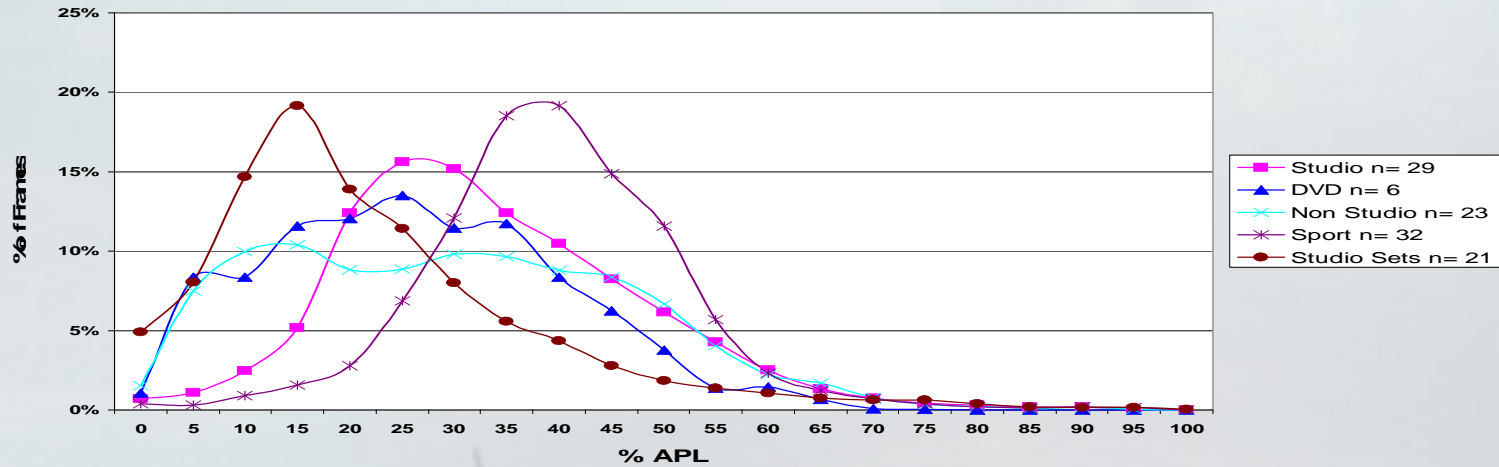
Average Broadcast APL



| Category    | Sample | <20%  | 20 to 50% | >50%  |
|-------------|--------|-------|-----------|-------|
| Studio      | 28     | 9.7%  | 73.9%     | 16.3% |
| DVD         | 6      | 29.3% | 63.3%     | 7.4%  |
| Non Studio  | 23     | 29.4% | 54.3%     | 16.3% |
| Sport       | 32     | 3.2%  | 74.3%     | 22.5% |
| Studio Sets | 21     | 46.8% | 46.0%     | 7.2%  |

# Various Recording Conditions

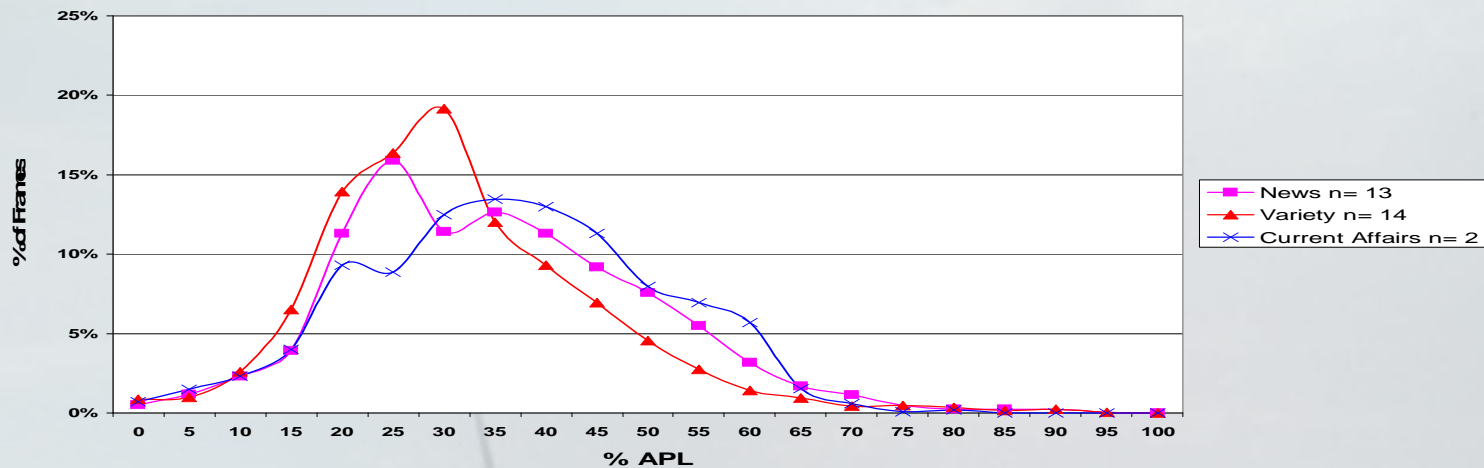
Average Broadcast APL



| Category    | Sample | <20%  | 20 to 50% | >50%  |
|-------------|--------|-------|-----------|-------|
| Studio      | 29     | 9.4%  | 74.4%     | 16.2% |
| DVD         | 6      | 29.3% | 63.3%     | 7.4%  |
| Non Studio  | 23     | 29.4% | 54.3%     | 16.3% |
| Sport       | 32     | 3.2%  | 74.3%     | 22.5% |
| Studio Sets | 21     | 46.8% | 46.0%     | 7.2%  |

# Studio News, Variety and Current Affairs

Average Studio Broadcast APL

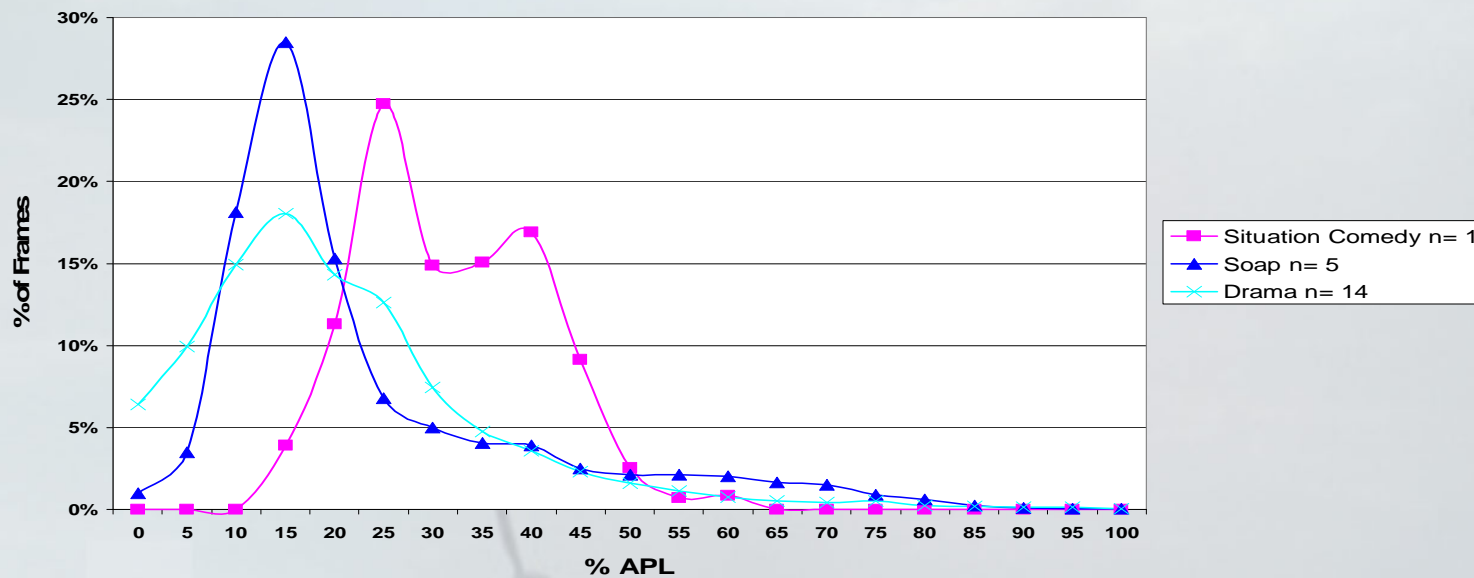


| Category        | Sample | <20%  | 20 to 50% | >50%  |
|-----------------|--------|-------|-----------|-------|
| News            | 13     | 8.0%  | 71.7%     | 20.3% |
| Variety         | 14     | 10.9% | 77.7%     | 11.4% |
| Current Affairs | 2      | 8.5%  | 68.4%     | 23.0% |



# Soaps and Drama

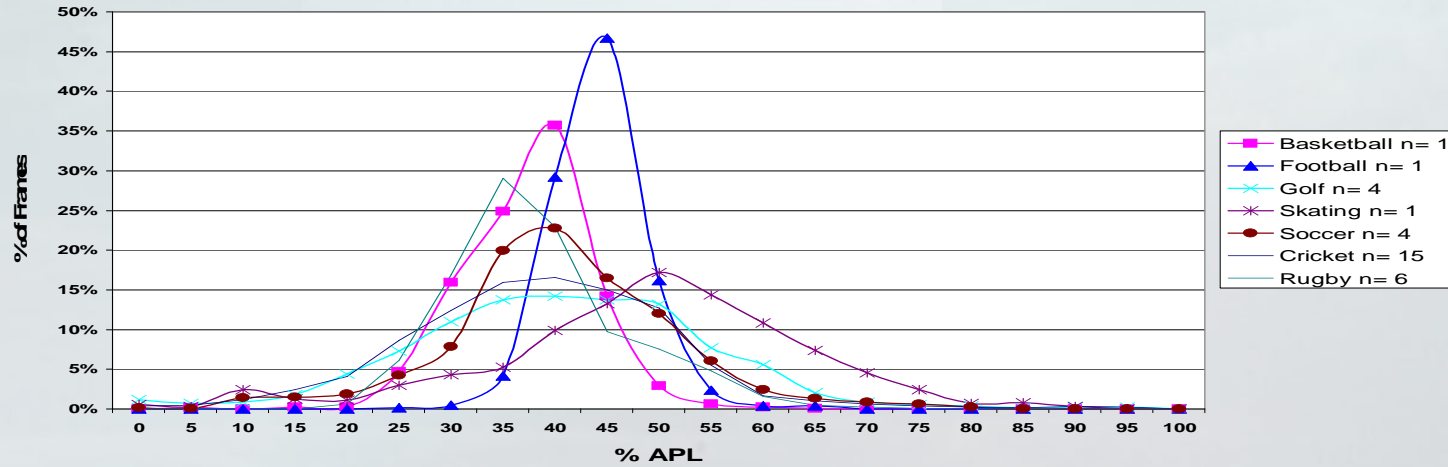
Average Studio Sets Broadcast APL



| Category         | Sample | <20%  | 20 to 50% | >50%  |
|------------------|--------|-------|-----------|-------|
| Situation Comedy | 1      | 3.9%  | 92.0%     | 4.1%  |
| Soap             | 5      | 51.1% | 37.6%     | 11.3% |
| Drama            | 14     | 49.3% | 45.0%     | 5.7%  |

# Sports

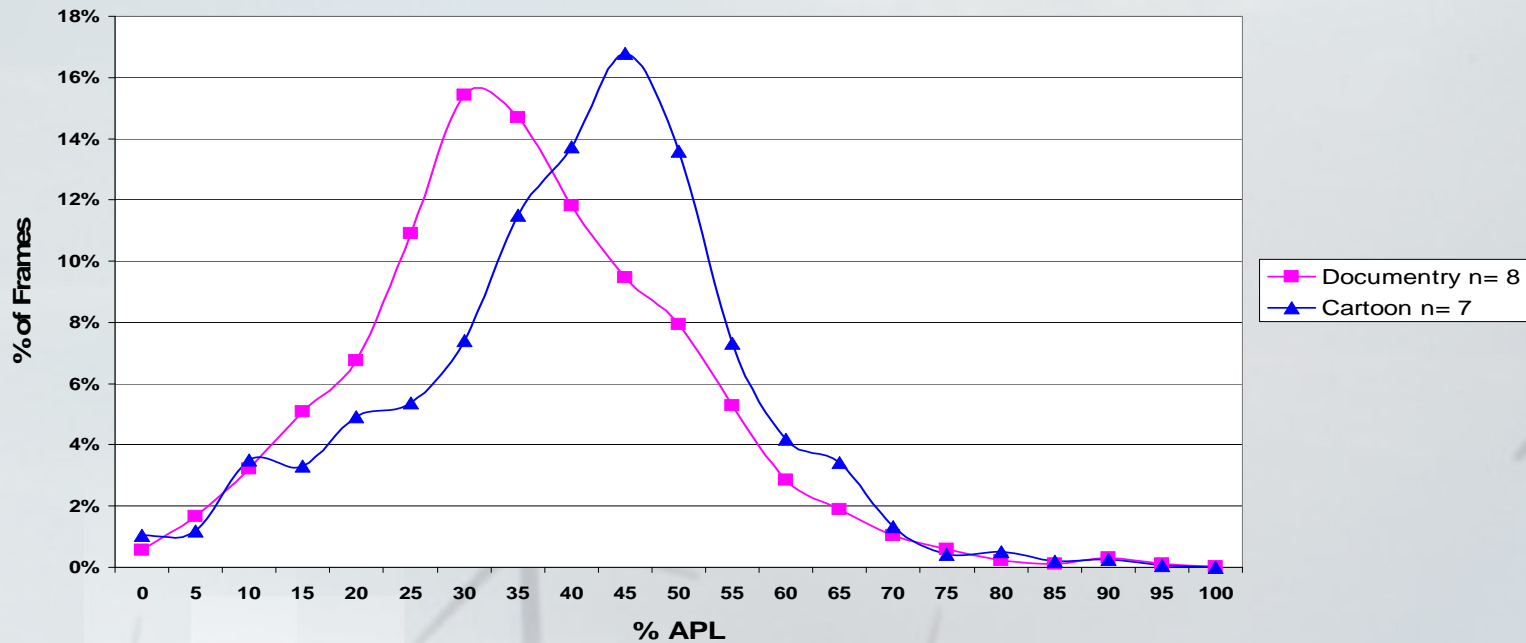
**Average Sport Broadcast APL**



| Category   | Sample | <20% | 20 to 50% | >50%  |
|------------|--------|------|-----------|-------|
| Basketball | 1      | 0.4% | 95.8%     | 3.8%  |
| Football   | 1      | 0.0% | 80.7%     | 19.3% |
| Golf       | 4      | 4.6% | 64.4%     | 31.0% |
| Skating    | 1      | 4.6% | 36.8%     | 58.6% |
| Soccer     | 4      | 3.2% | 73.2%     | 23.6% |
| Cricket    | 15     | 4.5% | 72.6%     | 22.9% |
| Rugby      | 6      | 0.0% | 85.3%     | 14.6% |

# Cartoons and Documentaries

Average Non-Studio Broadcast APL



| Category    | Sample | <20%  | 20 to 50% | >50%  |
|-------------|--------|-------|-----------|-------|
| Documentary | 8      | 10.6% | 69.0%     | 20.4% |
| Cartoon     | 7      | 9.0%  | 59.7%     | 31.3% |

# Low and Medium Histogram

