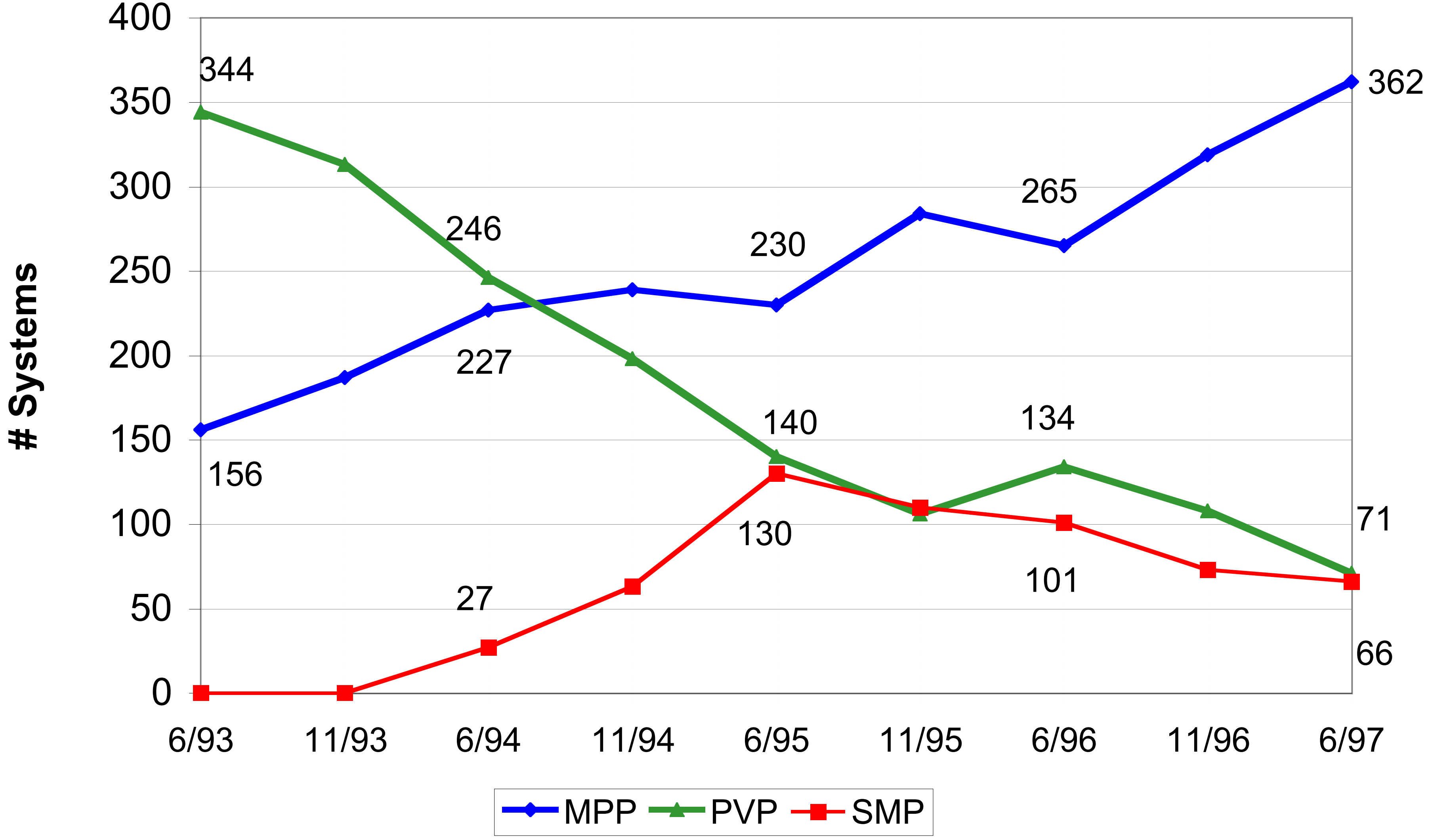Architectures