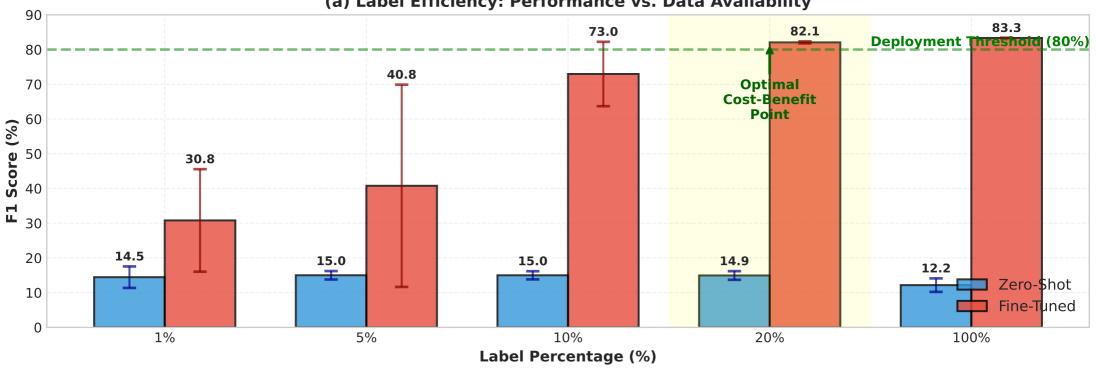
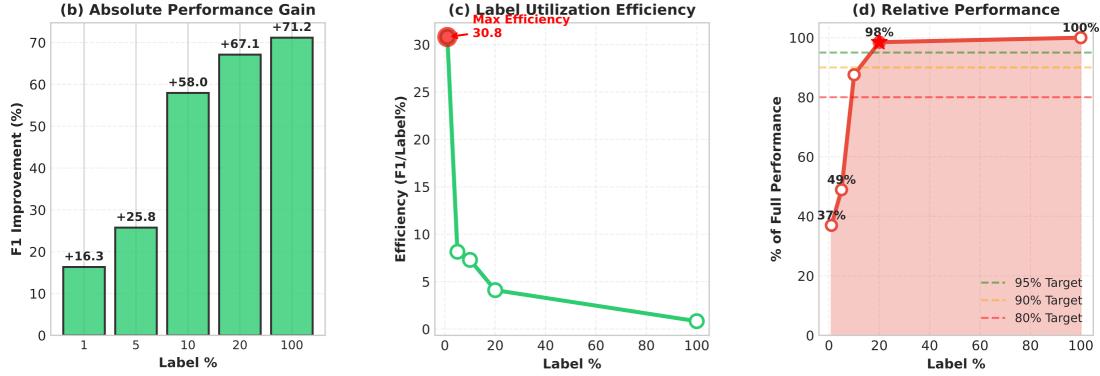
Figure 5: Label Efficiency Analysis - PASE-Net Achieves 98.6% Performance with Only 20% Labels (a) Label Efficiency: Performance vs. Data Availability





Key Finding: 20% labeled data achieves 82.1% F1 score, representing optimal cost-benefit trade-off with 80% annotation savings