Figure 5. The decreasing of national API at periode 2007-2012 was not in line with the API of Kulon Progo District and Kokap Subdistrict. Drastic increase of Kokap API and the occurrence of subsequent clusters was triggered by the increased of average number of hamlets covered by a village malaria worker as a consequence of the reduction of Village Malaria Workers number and increasing malaria cases at the border areas between two adjacent Districts.