

VALUE FOR MONEY: ECONOMIC VIEW ON EMERGENCY SERVICES (II), HOW PROTECTION PRODUCES VALUE - HOUSING BUILDING CASE -

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Abstract

Progressively, and after years, the new public management increased its influence in French public bodies' management. Citizens' exigency, but also governance and state incentives, let eventually build a continuum of processes and methods to monitor quality of provided services and global performance of public institutions.

Fire and emergency services didn't escape to. In the same time, the difficulty to witness of the "value for money" emerged: how to describe on an economic point of view, a non-monetisable service?

In the last five years, some studies focused on value of saved lives, and the transfer some already existing statistics to evaluate the value of residential surfaces saved by the fire department. Last year, studies gave evaluation to the spared losses during wildfires fighting. Ongoing works are, currently, aimed on industrial and collective public access buildings to complete the scope.

In this paper, authors will focus on housing building protection.

A house or building in which fire starts can burn completely. In order to avoid it, firefighters by rapid action, can considerably reduce damages and saves a large part of these structures. We can consider that what is saved is simply the result of the difference between the value of these constructions and the value of the damages.

Nevertheless, if this kind of evaluation is typically uncertain and not easy, authors demonstrate the real added value to do on large scale with common ratios. The idea is to provide to each emergency service, very simple calculation models, based on usual service statistics, to give an approach to this economic value.

The proposed model is anchored on statistic calculation implying several professional data. Authors will demonstrate how it is possible to estimate the losses value average, with insurance data.

This virtuous practice could give some curbing ideas to policy makers having intended purpose to cut resources to emergency services. It could also demonstrate the "value for taxes" to citizens.

Keywords: losses, housing, value, insurance, apartment

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