CLAIMS

1. A user equipment (UE) for wireless communication, comprising:

at least one memory; and

at least one processor coupled with the at least one memory and configured to cause the UE to:

receive a first signaling indicating whether congestion is present in a wireless communications system;

receive a second signaling indicating a first discard timer configuration and a second discard timer configuration, wherein the second discard timer configuration is comprised of a shorter discard timer value than a discard timer value of the first discard timer configuration; and

prohibit triggering, based at least in part on the first signaling indicating congestion is present in the wireless communications system and on the discard timer configuration applied for a data packet, a third signaling indicating a delay status reporting (DSR) report for data for which the second discard timer configuration is applied in response to the first signaling indicating congestion is present.

2. The UE of claim 1, wherein the at least one processor is configured to cause the UE to trigger transmission of the third signaling indicating the DSR report only for data for which the first discard timer configuration is applied in response to first signaling indicating congestion.

3. The UE of claim 2, wherein the at least one processor is configured to cause the UE to trigger the transmission of the third signaling indicating the DSR report in response to a remaining delay of data for which the first discard timer configuration is applied becoming less than a predefined threshold.

4. The UE of any preceding claim, wherein the first signaling indicates that packet data unit (PDU) set importance level (PSI) based discarding is enabled.

5. The UE of any preceding claim, wherein the at least one processor is configured to cause the UE to receive a fourth signaling indicating whether DSR is enabled or disabled.

6. The UE of any preceding claim, wherein the at least one processor is configured to cause the UE to:

receive a fourth signaling indicating a request for the DSR report for the UE; and

transmit a fifth signaling indicating the DSR report for the UE.

7. The UE of any preceding claim, wherein the DSR report indicates delay information for a first packet data unit (PDU) set and delay information for a second PDU set that is inter-dependent on the first PDU set.

8. A processor for wireless communication, comprising:

at least one controller coupled with at least one memory and configured to cause the processor to:

receive a first signaling indicating whether congestion is present in a wireless communications system;

receive a second signaling indicating a first discard timer configuration and a second discard timer configuration, wherein the second discard timer configuration is comprised of a shorter discard timer value than a discard timer value of the first discard timer configuration; and

prohibit triggering, based at least in part on the first signaling indicating congestion is present in the wireless communications system and on the discard timer configuration applied for a data packet, a third signaling indicating a delay status reporting (DSR) report for data for which the second discard timer configuration is applied in response to the first signaling indicating congestion is present.

9. The processor of claim 8, wherein the at least one controller is configured to cause the processor to trigger transmission of the third signaling indicating the DSR report only for data for which the first discard timer configuration is applied in response to first signaling indicating congestion.

10. The processor of claim 9, wherein the at least one controller is configured to cause the processor to trigger the transmission of the third signaling indicating a DSR report in response to a remaining delay of data for which the first discard timer configuration is applied becoming less than a predefined threshold.

11. The processor of any one of claims 8 to 10, wherein the first signaling indicates that packet data unit (PDU) set importance level (PSI) based discarding is enabled.

12. A base station for wireless communication, comprising:

at least one memory; and

at least one processor coupled with the at least one memory and configured to cause the base station to:

transmit a first signaling indicating whether congestion is present in a wireless communications system;

transmit a second signaling indicating a first discard timer configuration and a second discard timer configuration, wherein the second discard timer configuration is comprised of a shorter discard timer value than a discard timer value of the first discard timer configuration; and

receive a third signaling indicating a delay status reporting (DSR) report only for data for which the first discard timer configuration is applied in response to the first signaling indicating congestion is present.

13. The base station of claim 12, wherein the first signaling indicates that packet data unit (PDU) set importance level (PSI) based discarding is enabled.

14. A method performed by a user equipment (UE), the method comprising:

receiving a first signaling indicating whether congestion is present in a wireless communications system;

receiving a second signaling indicating a first discard timer configuration and a second discard timer configuration, wherein the second discard timer configuration is comprised of a shorter discard timer value than a discard timer value of the first discard timer configuration; and

prohibiting triggering, based at least in part on the first signaling indicating congestion is present in the wireless communications system and on the discard timer configuration applied for a data packet, a third signaling indicating a delay status reporting (DSR) report for data for which the second discard timer configuration is applied in response to the first signaling indicating congestion is present.

15. The method of claim 14, further comprising triggering transmission of the third signaling indicating the DSR report only for data for which the first discard timer configuration is applied in response to first signaling indicating congestion.